Unilamp

WORKING CATALOGUE 2018-2019

light+building

Frankfurt am Main
18. – 23. 3. 2018

Unilamp
• WORKING CATALOGUE 2018–2019 •

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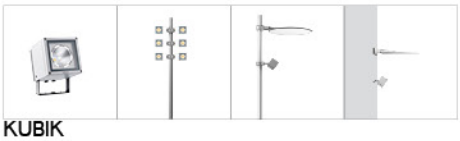
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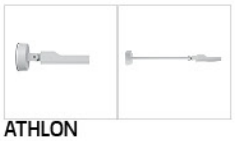
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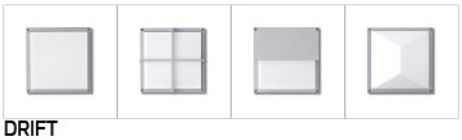
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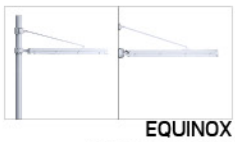
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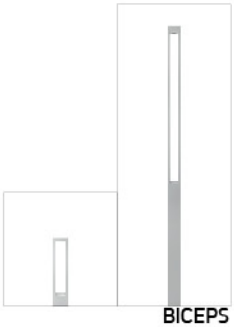
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The essence of light is one of the most important things in anyone's life.

To fascinate a buildings form or design is a prerequisite of any lighting designer, to this end we at Unilamp believe it our profession to assist in this process.

Founded in Thailand in 1993 Unilamp has become the leading manufacturer of outdoor lighting and outdoor lighting applications.

Our success has been based on a solid foundation of identifying our clients requirements for sustainability, reliability, design and functionality.

Our history is reflected with taking the necessary steps to ensure our clients are presented with the best possible product and solution every time.

We have invested and shown great understanding on the use of a combination of smart eco technologies, smart design and smart work systems so we can help all clients reduce their impact on the environment without compromising their desire for design and comfort.

During the past 25 years of steady and continuous development, Unilamp Co., Ltd. has taken great strides in enterprise management, quality enhancement and technology innovation.

Unilamp
Unil

The Unilamp brand is synonymous worldwide with quality and every product that leaves our Factory at Prachinburi in Thailand is manufactured to meet all IEC and TIS standards. We have worked tirelessly to gain the worldwide acclaim that our products have today testified with many awards, certificates and honors.

Our working system is certified by ISO 9001 and ISO 14001.

We work to develop technologies and provide lighting expertise that delivers higher-value lighting environments with less energy. All our product and our design made the best for customer's desire and customer's life.

BUREAU VERITAS Certification

UNILAMP CO., LTD.

ISO 9001:2015

HEAD OFFICE & FACTORY 1 : MANUFACTURING OF LUMINARIES, ACCESSORIES AND MOLD

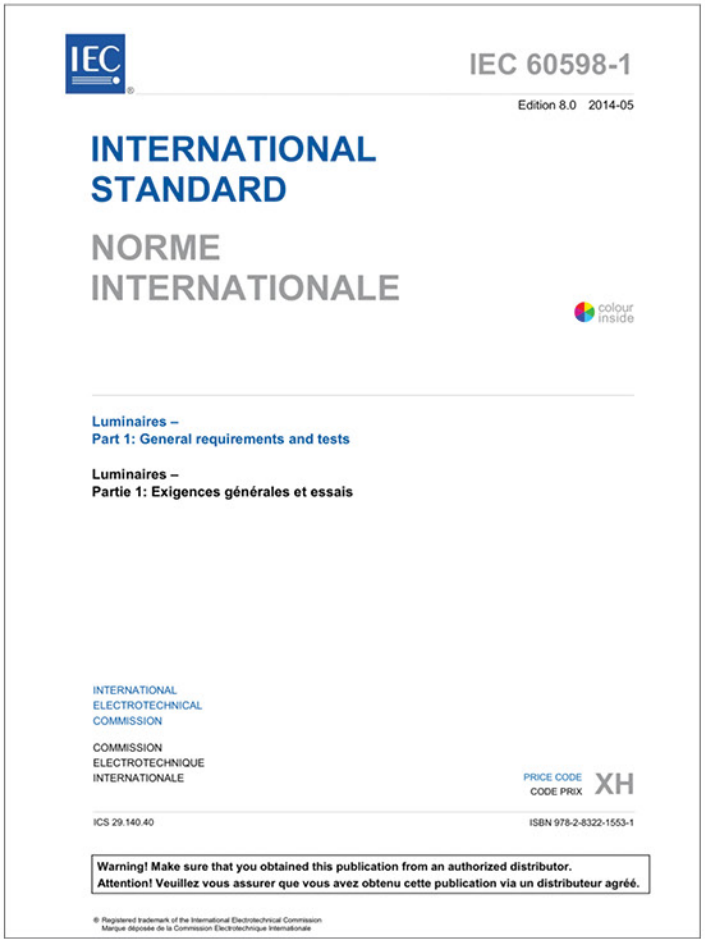
BUREAU VERITAS Certification

UNILAMP CO., LTD.

ISO 14001:2015

HEAD OFFICE & FACTORY 1: MANUFACTURING OF LUMINARIES, ACCESSORIES & MOLD

FACTORY 2: MANUFACTURING OF LUMINARIES, ACCESSORIES



IEC 60598-1

Edition 8.0 2014-05

INTERNATIONAL STANDARD

NORME INTERNATIONALE

colour inside

Luminaires –
Part 1: General requirements and tests

Luminaires –
Partie 1: Exigences générales et essais

INTERNATIONAL ELECTROTECHNICAL COMMISSION

COMMISSION ELECTROTECHNIQUE INTERNATIONALE

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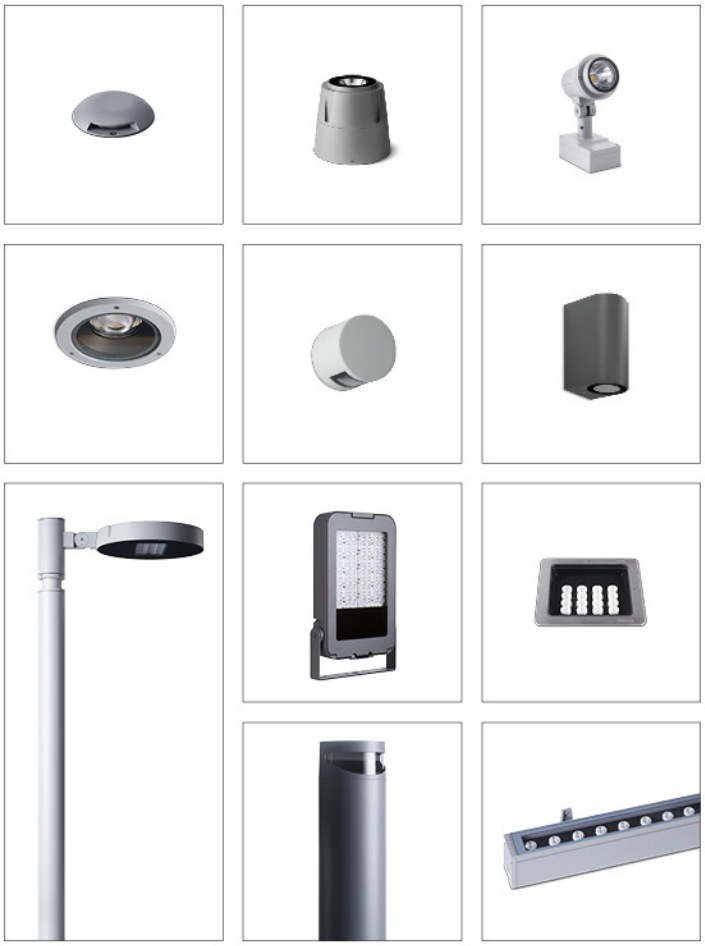
Standards we follow:

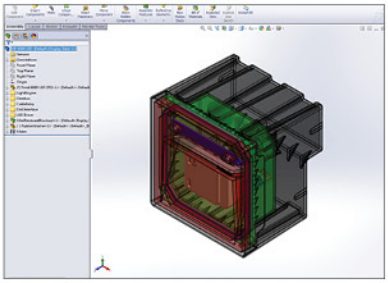
IEC 60598-1	General Requirement and Test for Luminaires
IEC 60598-2-1	Fixed Luminaires
IEC 60598-2-2	Recessed Luminaires
IEC 60598-2-3	Road and Street Lighting
IEC 60598-2-5	Flood Light
IEC 60598-2-6	Luminaires with Built-in Transformer
IEC 60598-2-13	Ground Recessed Luminaires
IEC 60598-2-18	Luminaires for Swimming Pools

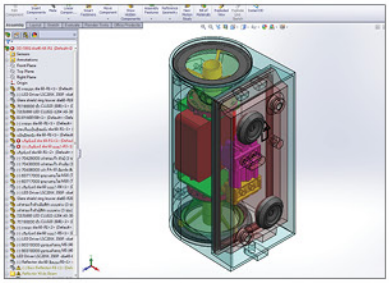
For the lighting designer all facets of exterior lighting are covered within our range.
Our Research and design center allows us to offer the latest in technology. This is not limited to lamp sources or control gear but as usual we take this all through into our manufacturing processes.



Located in Bangkok with our Head Office and showroom in Ramintra road we are here to help and service our market. Our staff are important to our culture and our team now totals 280 people.

Unilamp Factory located in Prachinburi province (100 kms. East of Bangkok),Thailand
Factory 1: Responsible for casting works, machining, pre-treatment and coating, product testing.
Factory 2: Responsible for assembling works and product verification.





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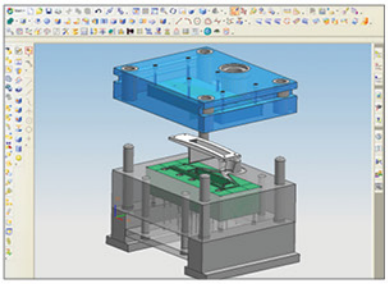

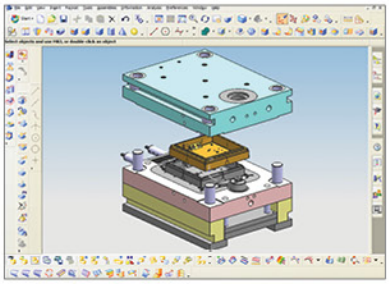

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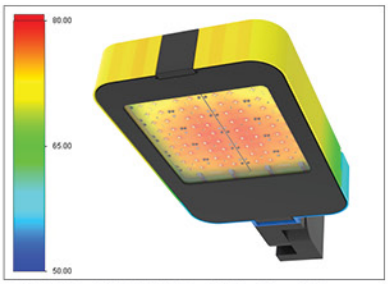

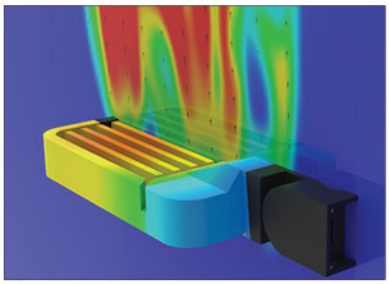

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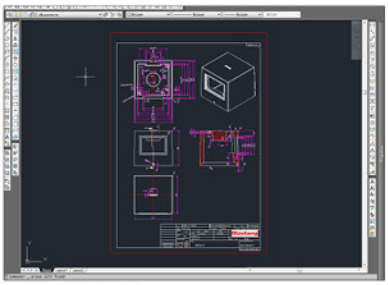

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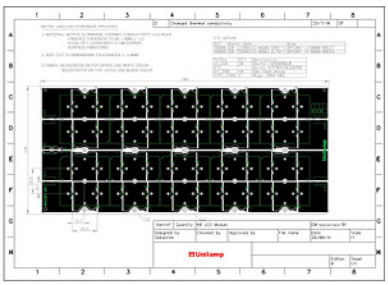
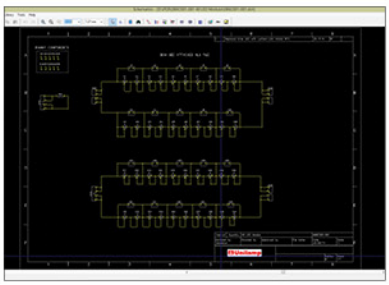
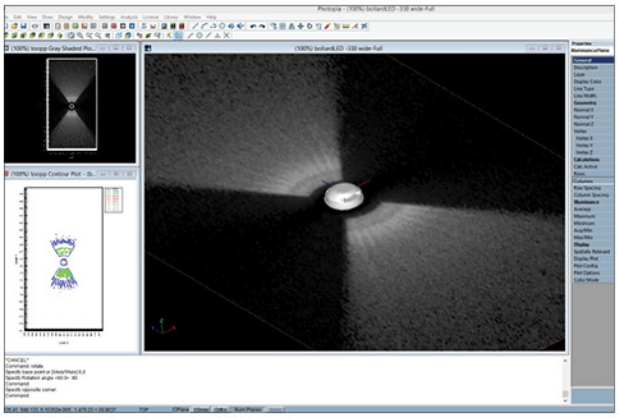




DIPTRACE

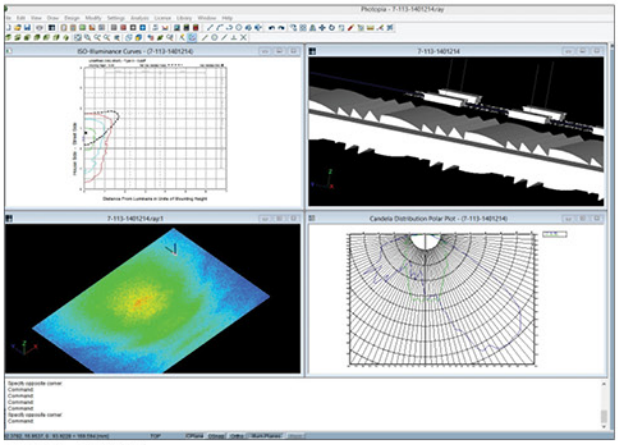
Respected worldwide for its focus on quality and design Unilamp luminaires offer the highest grade of manufacture and value on the market. With a never ending desire to improve Unilamp product development is constantly evolving with new designs, finishes and technology being used.

The process of our luminaires manufacture combines design and technology together with a blend of software. The very first step of our work begins with design & development process of our engineers to create high quality fixtures.



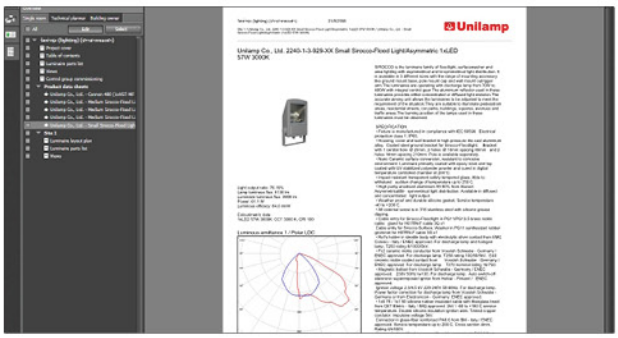
Utilising 3 Dimensional CAD software initially in the fixture design and product layout.
The Unilamp R & D team are experts in the use of:

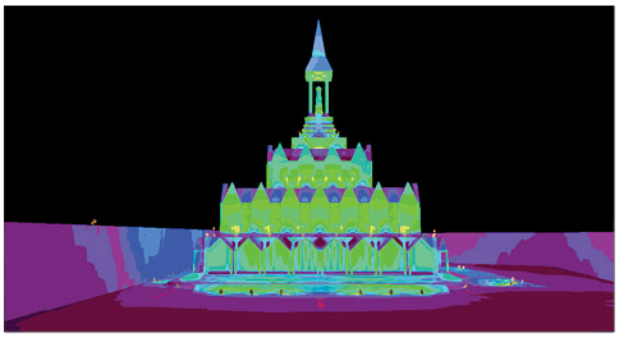
AutoCad :	for drawings and drafting
Solid Works :	for 3D fixtures design and FEA analysis
Unigraphic NX5 :	for mould design and fabrication.
Photopia :	for design of lighting optics.
DIALux :	to provide high quality lighting calculations and solutions for our clients via web based intergration. Unilamp is Dialux partner since 2010.
3Ds MAX :	Conceptual rendering for clients
DIPTRACE :	PCB design



PHOTOPIA

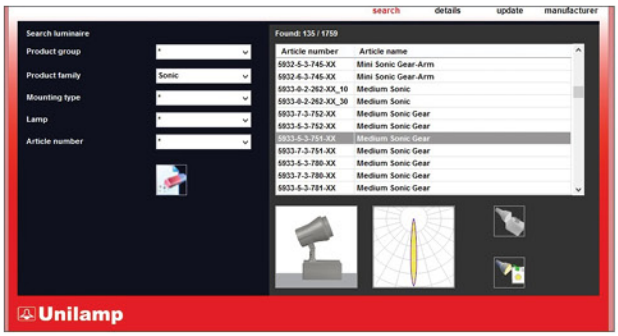
DIALUX

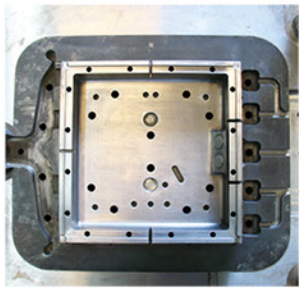




DIALux PARTNER

Unilamp is DIALux Partner Since 2010.

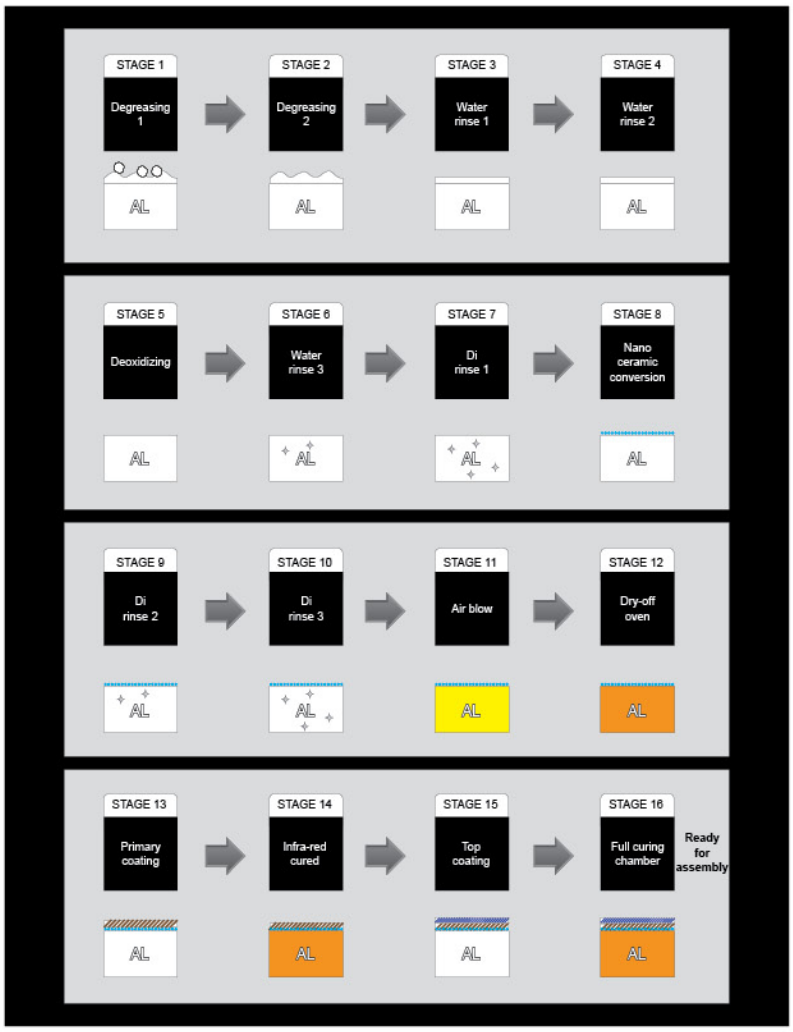


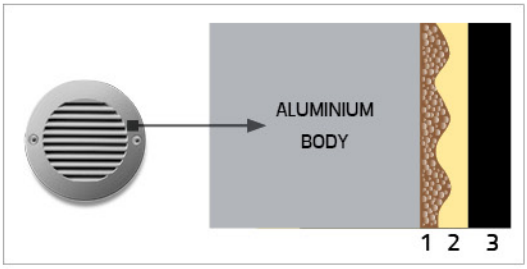


All Moulds and tools are made to exhaustive Unilamp procedures. Equipped with computerized CNC milling equipment for a precision moulding assists us to achieve high flexibility in mould manufacturing.

We utilize high pressure die-casting machine in our production line. Every raw material for casting is controlled to meet RoHS requirement.

Unilamp complete coating process consists of 16 stages.
Nano Ceramic surface conversion process optimizes the corrosion resistant property and increases powder coat adhesion.
The chemical concentration in the process is checked daily to ensure that the parameter of every step is fully maintained.
Primary epoxy-resin based coating increases corrosion resistant property on the surface when exposed to severe climatic conditions.
The primer is formulated to be used on casting metal substrates such as aluminium alloys.
UV-stabilized Polyester powder coat gives a long-lasting colour rendering and combines protective properties with good weather resistance.
High purity De-Ionized water is used in the process.





1. Nano ceramic layer
2. Primer coating
3. Polyester top coat

CONTENT BREAKDOWN

Gasket Protection:
Post-cure treated Silicone rubber gasket. It minimizes the environmental behaviour of external gasses.
Wide range of service temperatures.
(-40° to +200°C)

External Screws:
All external screws are made from stainless steel. We partnered with Bossard fasteners from Switzerland.
To increase the resistance to corrosion a special dipping process is applied.

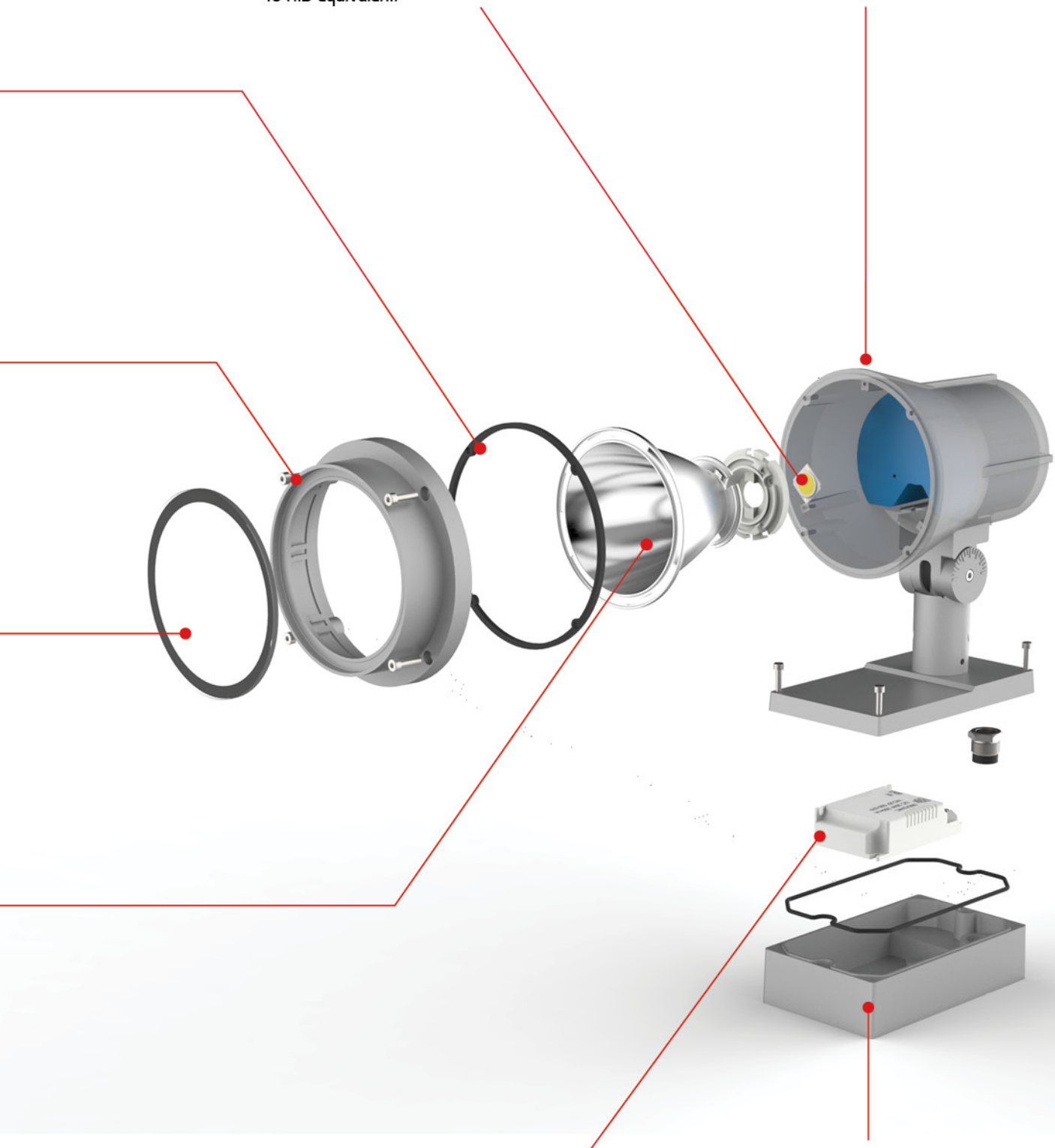
Optical Covers:
We utilize Pure-White optical tempered glass for increased light transmission.
It withstands extreme temperature both from within the luminaire and external sources of heat. All Unilamp glass covers are tested for impact resistant property (IK test).

Reflectors:
Unilamp have partnered with renowned manufacturers such as Alanod and Ledil to offer our clients the highest possible optical results. We specifically use U.S. Optics design specialist Photopia to design our reflectors for maximum light output and comfort.

LED Drivers:
All LED drivers are carefully selected to match the requirement of LED specification. Temperature testing is carefully carried out and is compliant with recommendations from manufacturers.

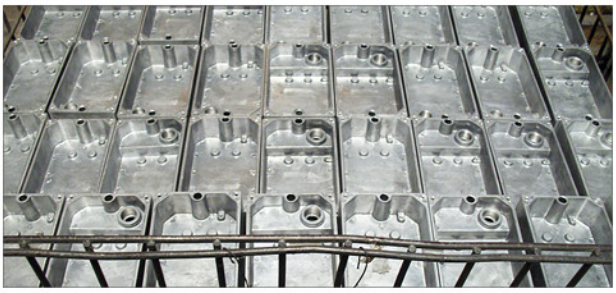
LED:
Utilizing the latest technology from renowned manufacturers including Citizen, Philips, Cree, etc. Available in 3000K and 4000K with CRI >80 and 3-step MacAdam Ellipse.
Lumen output ranges from Halogen replacement to HID equivalent.

Heat Sink:
Integrated CFC-AL© heat sink gives the best result in heat conductivity.
The whole range of LED luminaires are designed and tested under ambient thermal condition Ta 40°C-50°C.



Body Housing:
We utilize highest quality Aluminium Ingot. Enhanced LM6 Alloy, historically the most robust Alloy on the market and only used in the specific industry.
Contains low copper level (<0.1%) and low hazardous heavy metal substance.
16 stages pre-treatment and coating processes including Nano Ceramic film with double layer powder coat.

ENHANCED LM6 ALLOY

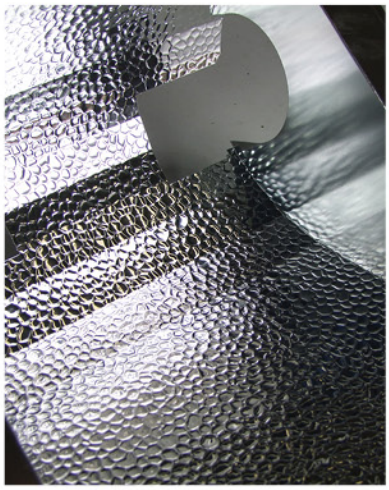


Our desire to bring to market the very best product has its challenges but our belief that a high end quality product will set us apart sees us utilize the following: Our Process and components include

Die Casting :
Highest quality Aluminium Ingot LM6 Alloy.
Enhanced for optimization for high-pressure die-casting process.
Historically the most robust Alloy on the market and widely used in the specific industry. Contains low copper level (<0.1%) and low hazardous heavy metal substance.
Best corrosive protection property utilizing Unilamp pre-treatment and coating processes.

Steel and Stainless Steel :
High grade fully galvanized steel is used in our fitting componentry such as control gear plates, lamp holder brackets and poles.
Utilizing Marine grade 316 Stainless steel in our submersible and marine applicable luminaires.
For ancillary components such as spring clips and lamp holder brackets we use 304 grade stainless steel.

Optical Reflectors :
Unilamp have partnered with German manufacturer Alanod to offer our clients the highest possible optical results.
All reflectors from Alanod are 99.99% pure aluminium with the total reflection value at 95 according to DIN 5036-3
Unilamp specifically use U.S. Optics design specialist Photopia to design our reflectors for maximum light output and comfort.

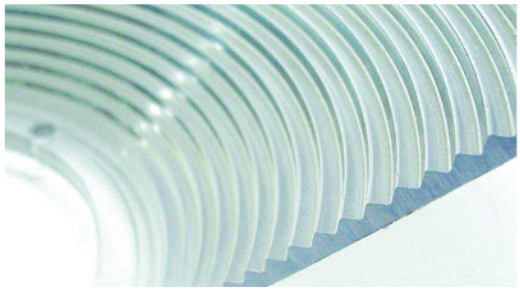


Spun Reflector :
To offer an even greater range of reflectors to our clients Unilamp also use low glare Specular anodized and matt anodized reflectors, allowing our clients the use of different curves, facets and surface textures for specific light distribution.
All Unilamp Spun reflectors are made up of 99.90% of pure aluminium with the total reflection value at 80 according to DIN 5036-3
Unilamp specifically use U.S. Optics design specialist Photopia to design our reflectors for maximum light output and comfort.

Optical Covers and Diffuser :
Protective Glass Diffusers.
To withstand extreme temperature both from within and external surfaces Unilamp only uses tempered safety glass. All Unilamp glass lens are tested for impact resistant property (IK test) according to IEC 62262 standard.

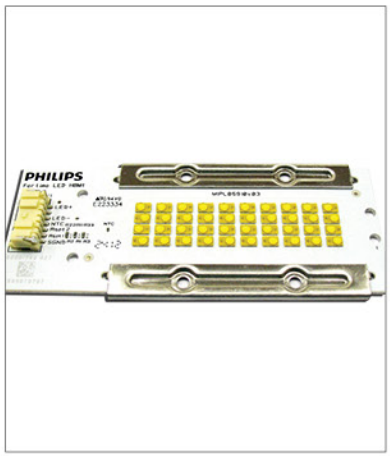
Polycarbonate diffusers.
Our partners for all of Unilamp diffusers include Bayer – Germany,
Mitsubishi – Japan and Teijin –Japan

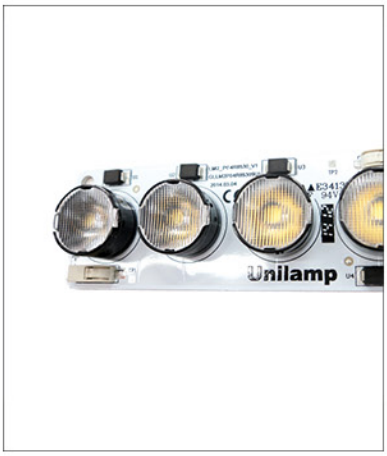
Unilamp diffusers are manufactured from Polycarbonate (PC) and PMMA.
PC diffuser are used when a very high impact resistant rating is required.
Unilamp diffusers are manufactured with UV stabilization process to prolong life and avoid degradation of the diffuser.
All Unilamp diffusers are tested to IEC 62262 standard for impact resistance.

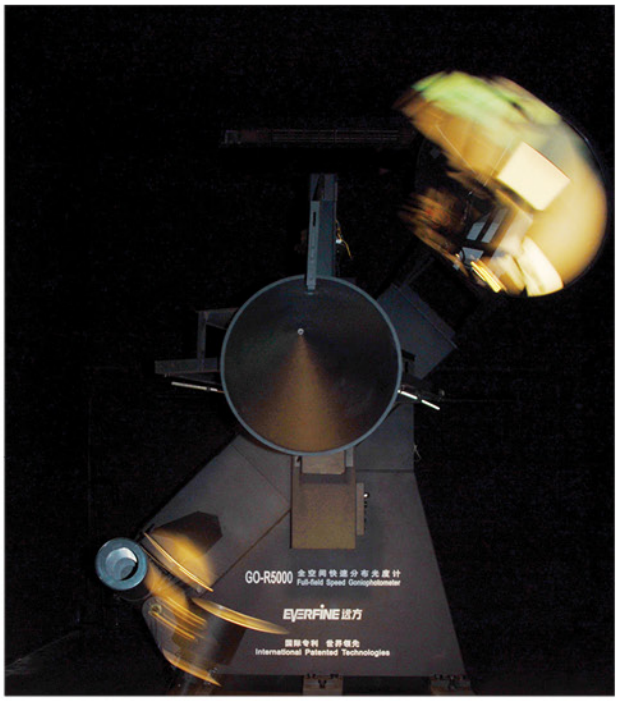


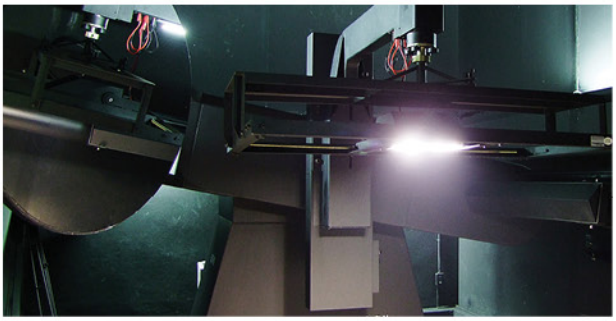
Our major LED partners are;

Unilamp partners with world renowned LED and LED components manufacturers. We utilize the latest LED technology in the market to ensure that our customers get the best efficient supplies with the sense of cost worthiness for their projects. All components are attentively selected to match the requirement of LED specification. Thermal management is exhaustively carried out at ambient thermal condition 40C.



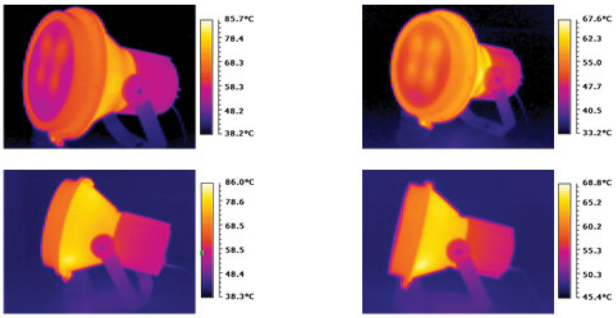




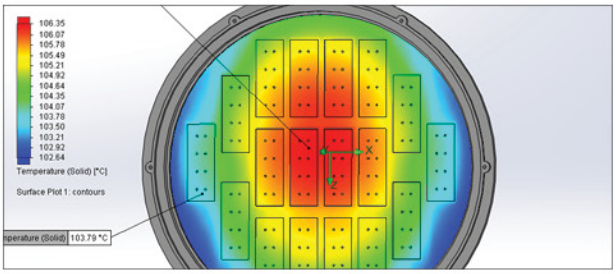


Our product testing is second to none and our clients can be assured that at Unilamp a thorough process of product testing is adhered to, both at our factory and at any of our partners premises. All luminaires that carry the Unilamp trademark fall under our guidelines for manufacture.

Light Measurement
All Unilamp product is measured by the Goniophotometer which gives our clients surety of lighting design and all files are in IES format.

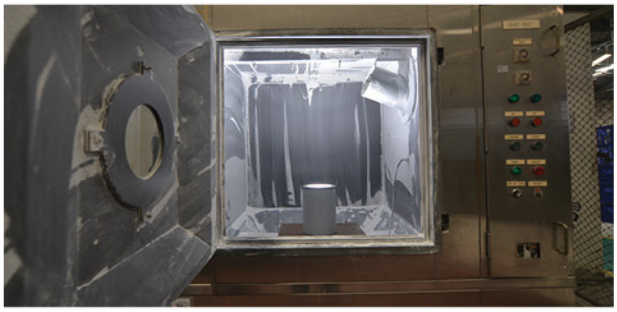


Ta50°C



Endurance Thermal Test
Test under conditions representing cyclic heating and cooling in service, the fixture shall not become unsafe or fail prematurely.
Our LED luminaires are designed and tested under ambient thermal condition Ta 40°C – 50°C.

IP rating
Water Jet Testing for ingress of liquid and moisture by water jet equipment.
Dust test for the ingression of harmful dust and solid particles.



IK Test
Test for the degree of protection of the lighting fixture against harmful external mechanical impacts.

EMC Test
Test for electromagnetic compatibility which includes harmonic current
emissions, voltage fluctuation and insertion loss.

Humidity Test
We test the luminaires under the high humidity environment for particular markets.

Salt Spray Test
Test for the degree of corrosion resistance on the fixture's surface under severe saline environment.

The rest of products verification and testing that we have are Electrical Safety Test, Vacuum Test, Wind Load Test, etc.

Überwachte Fertigungsstätte

Approved Place of Manufacture

Unilamp Co., Ltd.
29 Moo 3, Tambol Bansang
AMPER BANSANG 25150
Prachin Buri
THAILAND

Factory No.: 30019087

Die Überwachung der Fertigungsstätte erfolgte nach dem europäischen Werksinspektions-Verfahren auf Basis der folgenden Schriftstücke: / *This surveillance of the factory was performed according to the European Factory Inspection Procedure based on the following documents:*

ECS/CIG 021 - 024: 2014

Werksinspektionsverfahren, Harmonisierte Anforderungen /
Factory Inspection Procedure - Harmonized Requirements

Die Anforderungen wurden erfüllt. / *The requirements have been fulfilled.*

Datum der letzten Inspektion: / *Date of last inspection:*

2017-05-22

Produkt-Kategorie: Siehe Anhang /
Product Category: See Appendix

VDE Prüf- und Zertifizierungsinstitut GmbH
VDE Testing and Certification Institute
Inspektionen, Konformitätsüberwachung, Intern. Service
Inspection, Conformance, Intern. Service

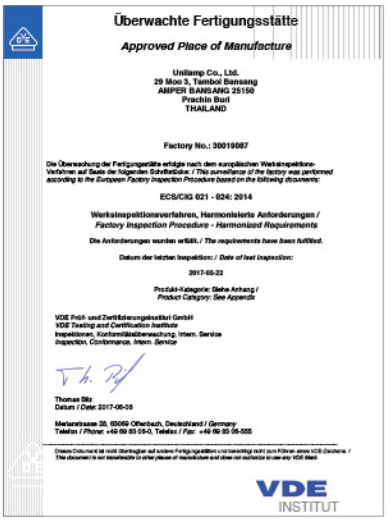
Thomas Bilz
Datum / *Date*: 2017-06-06

Merianstrasse 28, 63069 Offenbach, Deutschland / *Germany*
Telefon / *Phone*: +49 69 83 06-0, Telefax / *Fax*: +49 69 83 06-555

Dieses Dokument ist nicht übertragbar auf andere Fertigungsstätten und berechtigt nicht zum Führen eines VDE-Zeichens. / *This document is not transferable to other places of manufacture and does not authorize to use any VDE Mark.*

VDE INSTITUT

We are working closely and continuously with VDE institute to ensure that our final products are having a good quality and are reliable.
We proud to announce that Unilamp is one of the first luminaire manufacture in Asian that got certified by VDE for both factory's working system and quality of the products.



Überwachte Fertigungsstätte

Approved Place of Manufacture

Unilamp Co., Ltd.
29 Moo 3, Tambol Bansang
AMPER BANSANG 25150
Prachin Buri
THAILAND

Factory No.: 30019087

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ECS/CIG 021 - 024: 2014

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Factory Inspection Procedure - Harmonized Requirements

Die Anforderungen wurden erfüllt. / *The requirements have been fulfilled.*

Datum der letzten Inspektion: / *Date of last inspection:*

2017-05-22

Produkt-Kategorie: Siehe Anhang /
Product Category: See Appendix

VDE Prüf- und Zertifizierungsinstitut GmbH
VDE Testing and Certification Institute
Inspektionen, Konformitätsüberwachung, Intern. Service
Inspection, Conformance, Intern. Service

Thomas Bitz
Datum / *Date:* 2017-06-05

Merianstrasse 28, 63069 Offenbach, Deutschland / *Germany*
Telefon / *Phone:* +49 69 83 06-0, Telefax / *Fax:* +49 69 83 06-555

VDE INSTITUT

VDE Prüf- und Zertifizierungsinstitut GmbH
VDE Testing and Certification Institute

Datum der letzten Inspektion: / *Date of last inspection:*
2017-05-22

Produkt-Kategorie:	*Product Category:*
Straßenleuchte für Entladungslampen	*Luminaire for road- and streetlighting for discharge lamps*
Technische Leuchte, ortsfest	*Technical luminaire, fixed*

As a leading manufacturer of lighting solutions for residential and commercial settings, UNILAMP now offers an ecological lighting solution to suit most lighting requirements. From the past to present, our company continues to strive for excellence by continuously developing the Unilamp brand and product quality.
To this end we have been rewarded with the Industrial Quality Standard.

Our belief in what we do has seen us contribute in most major international lighting exhibitions as listed.

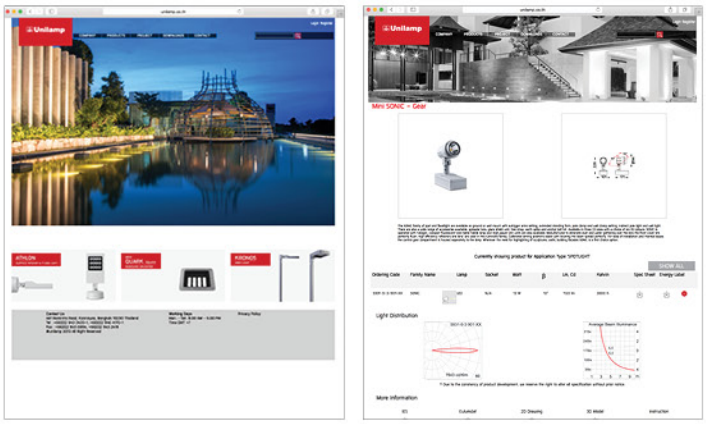
International Fairs;
Light & Building – Frankfurt , Germany
LuxLive – London, UK
Light Middle East – Dubai , UAE
Hong Kong Lighting Fair
Lumivill – Lyon, France
Intel Show – Milan, Italy

Domestic Fairs;
BOI Fair
Architect Fair
Baan Lae Suan Fair
LED Expo

Our consideration in keeping our markets abreast of latest developments allows us to market via most major architectural and lighting magazines around the world.

We have always believed in ourselves and it is our initiative and desire to be the best that has seen us rise from our beginnings of 1993 to satisfy a worldwide market in the future.

We are proud of our heritage but fully understand that we must continue to provide you, our client, with the highest possible customer service balanced with a long lasting product. Our Showroom in Ramintra Rd Bangkok is open to all of our clients to assist in satisfying and developing a professional experience and atmosphere.



BESIDE THAILAND OUR HOME COUNTRY, RIGHT NOW WE ARE EXPORTING TO MORE THAN 60 COUNTRIES AROUND THE WORLD.

- ARGENTINA
- AUSTRALIA
- AUSTRIA
- BAHRAIN
- BRUNEI
- DENMARK
- EGYPT
- FRANCE
- FRENCH POLYNESIA
- GERMANY
- IRAN
- ISRAEL
- ITALY
- JORDAN
- KUWAIT
- MALAYSIA
- MALDIVES
- MAURITIUS
- MONACO
- MYANMAR
- PORTUGAL
- PHILIPPINES
- POLAND
- QATAR
- SAUDI ARABIA
- SOUTH KOREA
- SPAIN
- SRI LANKA
- SWEDEN
- SWITZERLAND
- UNITED STATES
- URUGUAY
- VIETNAM

CANADA
CHILE
CHINA
COSTA RICA
CYPRUS
GHANA
GREECE
HONG KONG
INDIA
INDONESIA
LATVIA
LEBANON
LUXEMBOURG
MACAU
MADAGASCAR
NEW ZEALAND
NIGERIA
NORWAY
OMAN
PERU
SEYCHELLES
SINGAPORE
SINT MAARTEN
SLOVAK REPUBIC
SOUTH AFRICA
TAIWAN
THAILAND
THE NETHERLANDS
U.A.E
UNITED KINGDOM

TELESCOPE

TELESCOPE

1. **LED Module**
   High Power LED in COB technology.
   3000K and 4000K.
   CRI >80 / 3-Step MacAdam Ellipse.

2. **Trunk**
   Corrosion proof Extruded Aluminium.
   Safety Tempered Glass.

3. **Aiming**
   Adjustable with hexahegon tool.
   Presented with scale.

4. **Body Housing**
   Enhanced LM6 die-cast aluminium body.
   Low copper content (<0.1%)
   Utilize 16 stages pre-treatment and coating process.

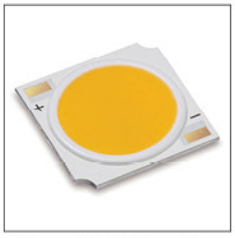
5. **Control Gear**
   Separated gear compartment.
   High quality Constant Current driver.
   Conforms to safety and EMC regulation.

TELESCOPE

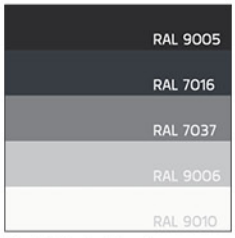
TELESCOPE is a low glare long snoot ground mount or wall mount spotlight with strong base for permanent installation and with an earth spike for temporary use. Its distinctive lamp compartment with trunk limits the undesired light spill and available with a choice of five colors. **TELESCOPE** is fitted with COB LED with high CRI in 3000K or 4000K color temperature with good color consistency. The choices of beam angles are narrow, medium and wide. It is suitable to light up small plants and woody bushes from a low mounting height as well as all other outdoor spotlighting application. Additional accessories such as tree strap is also available.

No accumulation of dust and water on front glass cover.

Adjustable with tool.



High quality LED module.



Available in 5 colors.

TELESCOPE

Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium and Extruded Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- High efficiency reflector.
- Adjustable optic.
- GFR PA6.6 terminal block.
- Weather proof TPE grommet or M20 Cable gland.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Accessories

Glass-fiber reinforced polymer earth spike.
Ordering code: 9-2000-00

Tree Strap (clamping range Ø40-120mm.)
Ordering code: 9-2001-00

TELESCOPE Gear

IP65 IK 08/06

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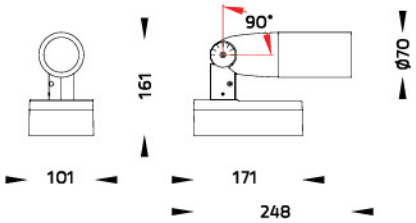
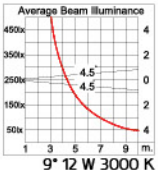


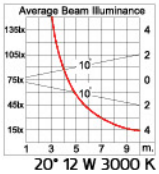
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
9°	2700 K	1550 lm	940 lm	12 W	17 W	55 lm/w	5911-5-3-503-XX	5911-5-4-503-XX
	3000 K	1620 lm	990 lm	12 W	17 W	58 lm/w	5911-5-3-901-XX	5911-5-4-901-XX
	4000 K	1660 lm	1010 lm	12 W	17 W	59 lm/W	5911-5-3-904-XX	5911-5-4-904-XX
20°	2700 K	1550 lm	880 lm	12 W	17 W	51 lm/w	5911-6-3-503-XX	5911-6-4-503-XX
	3000 K	1620 lm	920 lm	12 W	17 W	54 lm/W	5911-6-3-901-XX	5911-6-4-901-XX
	4000 K	1660 lm	940 lm	12 W	17 W	55 lm/W	5911-6-3-904-XX	5911-6-4-904-XX
30°	2700 K	1550 lm	720 lm	12 W	17 W	42 lm/W	5911-7-3-503-XX	5911-7-4-503-XX
	3000 K	1620 lm	760 lm	12 W	17 W	44 lm/W	5911-7-3-901-XX	5911-7-4-901-XX
	4000 K	1660 lm	770 lm	12 W	17 W	45 lm/W	5911-7-3-904-XX	5911-7-4-904-XX

*for DALI option please consult your sales representative

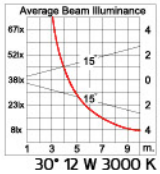
Light Distribution



9° 12 W 3000 K



20° 12 W 3000 K



30° 12 W 3000 K

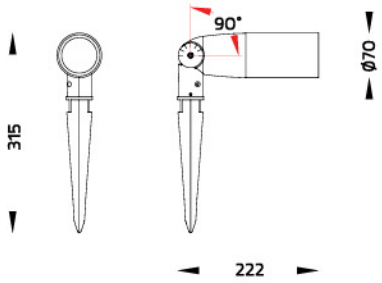
Unilamp

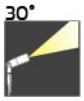
TELESCOPE – SPIKE

IP65 IK 08/06

A++

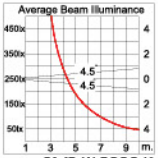
*New Integrated driver



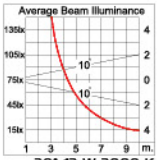
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
9°	2700 K	1550 lm	940 lm	12 W	17 W	55 lm/w	5912-5-3-503-XX	-
	3000 K	1620 lm	990 lm	12 W	17 W	58 lm/w	5912-5-3-901-XX	-
	4000 K	1660 lm	1010 lm	12 W	17 W	59 lm/W	5912-5-3-904-XX	-
20°	2700 K	1550 lm	880 lm	12 W	17 W	51 lm/w	5912-6-3-503-XX	-
	3000 K	1620 lm	920 lm	12 W	17 W	54 lm/W	5912-6-3-901-XX	-
	4000 K	1660 lm	940 lm	12 W	17 W	55 lm/W	5912-6-3-904-XX	-
30° 	2700 K	1550 lm	720 lm	12 W	17 W	42 lm/W	5912-7-3-503-XX	-
	3000 K	1620 lm	760 lm	12 W	17 W	44 lm/W	5912-7-3-901-XX	-
	4000 K	1660 lm	770 lm	12 W	17 W	45 lm/W	5912-7-3-904-XX	-

*for DALI option please consult your sales representative

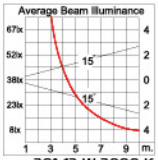
Light Distribution



9° 12 W 3000 K



20° 12 W 3000 K



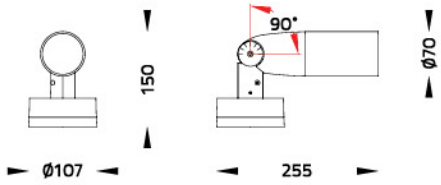
30° 12 W 3000 K

TELESCOPE

IP65 IK 08/06

A++

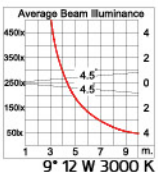
*New Integrated driver



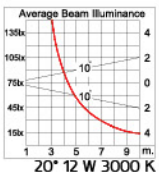
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
9°	2700 K	1550 lm	940 lm	12 W	17 W	55 lm/W	5913-5-3-503-XX	-
	3000 K	1620 lm	990 lm	12 W	17 W	58 lm/W	5913-5-3-901-XX	-
	4000 K	1660 lm	1010 lm	12 W	17 W	59 lm/W	5913-5-3-904-XX	-
20°	2700 K	1550 lm	880 lm	12 W	17 W	51 lm/W	5913-6-3-503-XX	-
	3000 K	1620 lm	920 lm	12 W	17 W	54 lm/W	5913-6-3-901-XX	-
	4000 K	1660 lm	940 lm	12 W	17 W	55 lm/W	5913-6-3-904-XX	-
30°	2700 K	1550 lm	720 lm	12 W	17 W	42 lm/W	5913-7-3-503-XX	-
	3000 K	1620 lm	760 lm	12 W	17 W	44 lm/W	5913-7-3-901-XX	-
	4000 K	1660 lm	770 lm	12 W	17 W	45 lm/W	5913-7-3-904-XX	-

*for DALI option please consult your sales representative

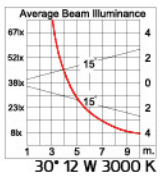
Light Distribution



9° 12 W 3000 K



20° 12 W 3000 K



30° 12 W 3000 K

SPOTT

SPOTT

SPOTT is a ground and wall mount spotlight. Accessories such as earth spike and tree strap are available for portable or temporary use. SPOTT is widely used to illuminate plants and trees, as well as signboards and other architectural works. It is suitable to light up objects from short to medium distance. The choices of beam angles are available to be selected to match the desired light level and effect. LED lamp and driver are integral to the fitting.

SPOTT

Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- High efficiency reflector.
- Adjustable optic.
- GFR PA6.6 terminal block.
- Weather proof TPE grommet or M20 Cable gland.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Accessories

Glass-fiber reinforced polymer earth spike.
Ordering code: 9-2000-00

Tree Strap (clamping range Ø40-120mm.)
Ordering code: 9-2001-00

Glare Shield Ring for COB
Ordering code:
0268-0-9-000-00

Cable gland protection with neoprene cable.

Crossed guard and safety glass cover.

Adjustable with tool.

Choice of different beam angle.

Armor shield coating.

High power COB LED

SPOTT–LED

IP65 IK 08/07

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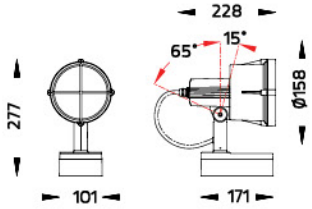
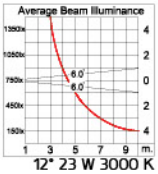


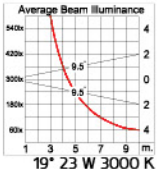
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
12°	2700 K	3160 lm	2310 lm	23 W	26 W	88 lm/w	5901–5–3–506–XX	5901–5–4–506–XX
	3000 K	3300 lm	2420 lm	23 W	26 W	93 lm/w	5901–5–3–887–XX	5901–5–4–887–XX
	4000 K	3390 lm	2480 lm	23 W	26 W	95 lm/w	5901–5–3–891–XX	5901–5–4–891–XX
19°	2700 K	3160 lm	2010 lm	23 W	26 W	77 lm/w	5901–6–3–506–XX	5901–6–4–506–XX
	3000 K	3300 lm	2100 lm	23 W	26 W	80 lm/w	5901–6–3–887–XX	5901–6–4–887–XX
	4000 K	3390 lm	2150 lm	23 W	26 W	82 lm/w	5901–6–3–891–XX	5901–6–4–891–XX
43°	2700 K	3160 lm	2010 lm	23 W	26 W	77 lm/w	5901–7–3–506–XX	5901–7–4–506–XX
	3000 K	3300 lm	2100 lm	23 W	26 W	80 lm/w	5901–7–3–887–XX	5901–7–4–887–XX
	4000 K	3390 lm	2150 lm	23 W	26 W	82 lm/w	5901–7–3–891–XX	5901–7–4–891–XX

*for DALI driver please consult your sales representative

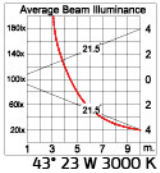
Light Distribution



12° 23 W 3000 K



19° 23 W 3000 K



43° 23 W 3000 K

SPOTT–LED

IP65 IK 08/07

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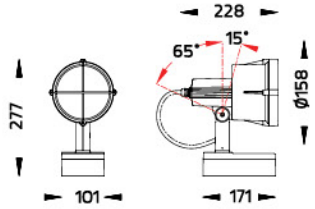
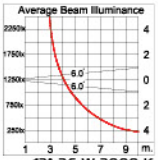


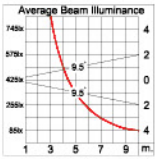
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
12°	2700 K	4590 lm	3190 lm	36 W	39 W	81 lm/w	5901–5–3–505–XX	–
	3000 K	4790 lm	3330 lm	36 W	39 W	85 lm/w	5901–5–3–902–XX	–
	4000 K	4920 lm	3410 lm	36 W	39 W	87 lm/w	5901–5–3–905–XX	–
19°	2700 K	4590 lm	2740lm	36 W	39 W	70 lm/w	5901–6–3–505–XX	–
	3000 K	4790 lm	2860 lm	36 W	39 W	73 lm/w	5901–6–3–902–XX	–
	4000 K	4920 lm	2930 lm	36 W	39 W	75 lm/w	5901–5–3–905–XX	–
43°	2700 K	4590 lm	2750 lm	36 W	39 W	70 lm/w	5901–7–3–505–XX	–
	3000 K	4790 lm	2880 lm	36 W	39 W	73 lm/w	5901–7–3–902–XX	–
	4000 K	4920 lm	2950 lm	36 W	39 W	75 lm/w	5901–7–3–905–XX	–

*for DALI driver please consult your sales representative

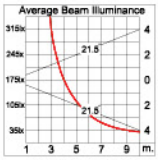
Light Distribution



12° 36 W 3000 K



19° 36 W 3000 K

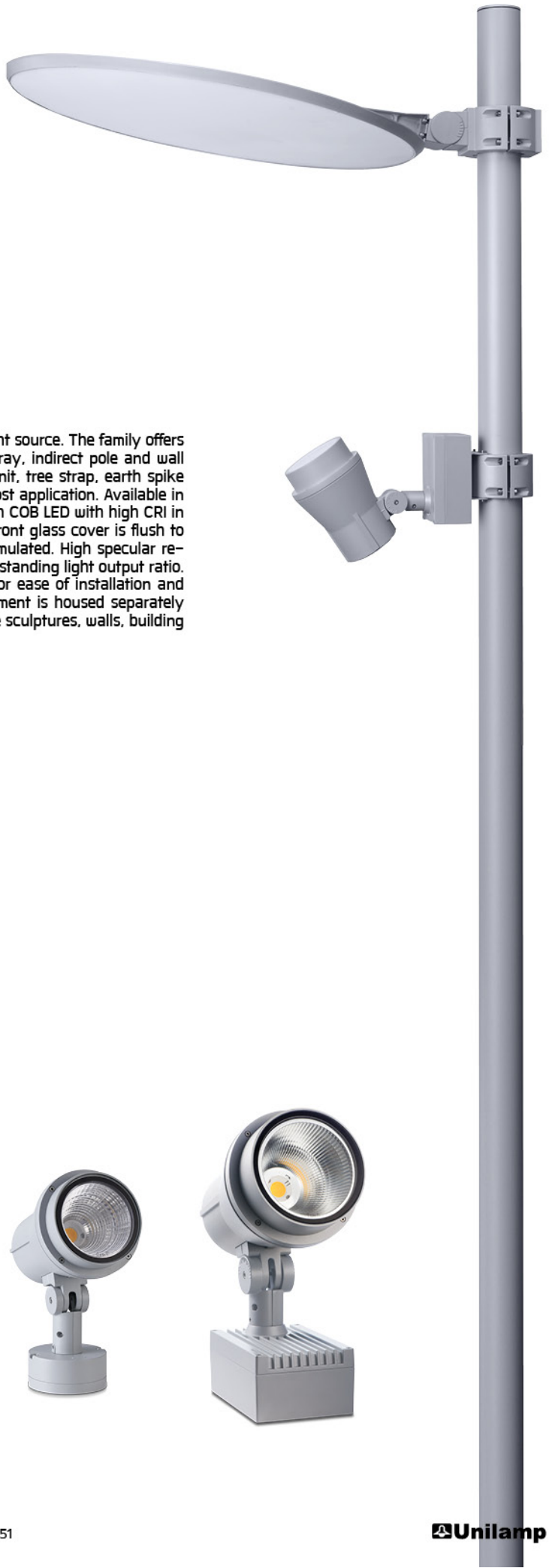


43° 36 W 3000 K

Unilamp

SONIC

SONIC



SONIC is a huge family of spotlight/floodlight with LED light source. The family offers ground/wall mount fixing, pole clamp and wall clamp array, indirect pole and wall light. The wide ranges of accessories like glare shield unit, tree strap, earth spike and anchorage bolt kit makes SONIC customizable for most application. Available in three sizes with a choice of five colors. SONIC is fitted with COB LED with high CRI in 3000K or 4000K color temperature with 3 SDCM. The front glass cover is flush to the luminaire housing thus dust and water are not accumulated. High specular reflectors are used in this luminaire family to achieve an outstanding light output ratio. Aiming can be done through graduated scale by tool. For ease of installation and improved thermal performance the control gear compartment is housed separately to the light engine. SONIC is an ideal choice to accentuate sculptures, walls, building facades, bushes and trees.

*New Smaller Gear Base

SONIC

No accumulation of dust and water on front cover.

Aiming scale.

Indirect light distribution.

Pole/Wall clamp application.

Choices of beam angle.

High power LED from Citizen.

Armor shield coating.

Available in 5 color.

Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium and Extruded Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- High efficiency reflector.
- Adjustable optic.
- GFR PA6.6 terminal block.
- Weather proof TPE grommet or M20 Cable gland.
- Installation work has to be carried on according to the enclosed product manual.

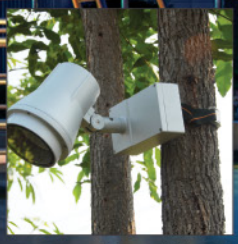
Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Accessories

Glare Shield Cap
Ordering code:
Mini SONIC 9-0103-XX
Medium SONIC 9-0104-XX
Mega SONIC 9-0105-XX

GFR Polymer Earth Spike
Ordering code: 9-2000-00



Tree Strap (for small base)
Ordering code: 9-2001-00

Double Tree Strap (for big gear base)
Ordering code: 9-2002-00

Anchor Bolt Kit for Aluminium Pole
Ordering code: 9-2020-00

Anchor Bolt Kit for Galvanized Steel Pole
Ordering code: 9-2023-00

Anchor Bolt Kit for Medium SONIC Stand and Mega SONIC Stand
Ordering code: 9-2016-00

Anchor Bolt Kit for Mini SONIC Stand
Ordering code:
0269-0-9-000-00

Glare Shield Ring for COB (for Medium Sonic)
Ordering code:
0268-0-9-000-00

Aluminium Pole for Mega SONIC Pole Set
Please see detail on page 712

Aluminium Pole for Mega SONIC Indirect Pole Light
Please see detail on page 713

Galvanized Steel Pole for Mega SONIC Pole Set
Please see detail on page 715

Galvanized Steel Pole for Mega SONIC Indirect Pole Light
Please see detail on page 716

Mini SONIC – Gear

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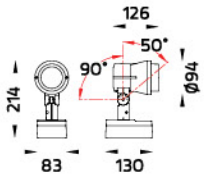

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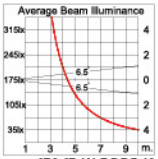
*New Smaller Gear Base

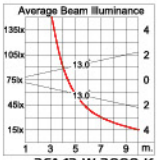
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
13°	2700 K	1550 lm	1360 lm	12 W	15 W	90 lm/W	5931-5-3-503-XX	5931-5-4-503-XX
	3000 K	1620 lm	1430 lm	12 W	15 W	95 lm/W	5931-5-3-901-XX	5931-5-4-901-XX
	4000 K	1660 lm	1460 lm	12 W	15 W	97 lm/W	5931-5-3-904-XX	5931-5-4-904-XX
26°	2700 K	1550 lm	1340 lm	12 W	15 W	89 lm/W	5931-6-3-503-XX	5931-6-4-503-XX
	3000 K	1620 lm	1410 lm	12 W	15 W	94 lm/W	5931-6-3-901-XX	5931-6-4-901-XX
	4000 K	1660 lm	1440 lm	12 W	15 W	96 lm/W	5931-6-3-904-XX	5931-6-4-904-XX
42°	2700 K	1550 lm	1320 lm	12 W	15 W	88 lm/W	5931-7-3-503-XX	5931-7-4-503-XX
	3000 K	1620 lm	1380 lm	12 W	15 W	92 lm/W	5931-7-3-901-XX	5931-7-4-901-XX
	4000 K	1660 lm	1410 lm	12 W	15 W	94 lm/W	5931-7-3-904-XX	5931-7-4-904-XX

*for DALI option please consult your sales representative

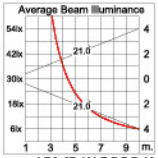
Light Distribution



13° 12 W 3000 K



26° 12 W 3000 K



42° 12 W 3000 K

Medium SONIC

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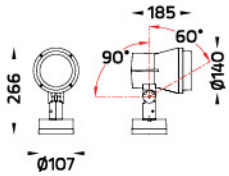

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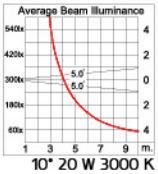
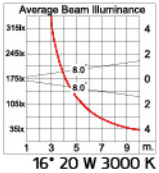
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
10°	3000 K	1800 lm	1210 lm	20 W	20 W	63 lm/W	5933-5-3-873-XX	-
	4000 K	1900 lm	1270 lm	20 W	20 W	66 lm/W	5933-5-3-874-XX	-
16°	3000 K	1800 lm	1140 lm	20 W	20 W	57 lm/W	5933-6-3-873-XX	-
	4000 K	1900 lm	1200 lm	20 W	20 W	60 lm/W	5933-6-3-874-XX	-
38°	3000 K	1800 lm	1160 lm	20 W	20 W	58 lm/W	5933-7-3-873-XX	-
	4000 K	1900 lm	1220 lm	20 W	20 W	61 lm/W	5933-7-3-874-XX	-
14°	3000 K	2700 lm	1890 lm	30 W	30 W	63 lm/W	5933-5-3-877-XX	-
	4000 K	2850 lm	1990 lm	30 W	30 W	66 lm/W	5933-5-3-878-XX	-
22°	3000 K	2700 lm	1770 lm	30 W	30 W	59 lm/W	5933-6-3-877-XX	-
	4000 K	2850 lm	1870 lm	30 W	30 W	62 lm/W	5933-6-3-878-XX	-
47°	3000 K	2700 lm	1820 lm	30 W	30 W	60 lm/W	5933-7-3-877-XX	-
	4000 K	2850 lm	1920 lm	30 W	30 W	64 lm/W	5933-7-3-878-XX	-

*for DALI option please consult your sales representative

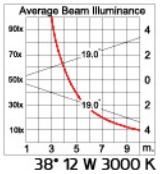
Light Distribution



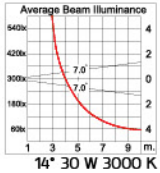
10° 20 W 3000 K



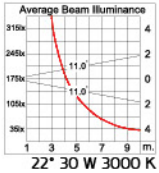
16° 20 W 3000 K



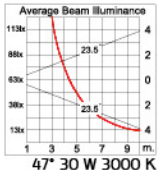
38° 12 W 3000 K



14° 30 W 3000 K



22° 30 W 3000 K



47° 30 W 3000 K

Unilamp

Medium SONIC-Gear

IP65 IK 08/06

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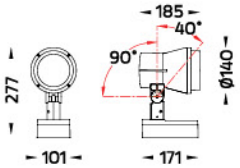
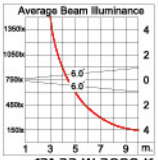


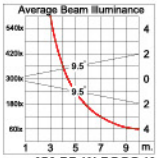
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
12°	2700 K	3160 lm	2680 lm	23 W	26 W	103 lm/W	5933-5-3-506-XX	5933-5-4-506-XX
	3000 K	3300 lm	2800 lm	23 W	26 W	107 lm/W	5933-5-3-887-XX	5933-5-4-887-XX
	4000 K	3390 lm	2870 lm	23 W	26 W	110 lm/W	5933-5-3-891-XX	5933-5-4-891-XX
19°	2700 K	3160 lm	2390 lm	23 W	26 W	91 lm/W	5933-6-3-506-XX	5933-6-4-506-XX
	3000 K	3300 lm	2500 lm	23 W	26 W	96 lm/W	5933-6-3-887-XX	5933-6-4-887-XX
	4000 K	3390 lm	2560 lm	23 W	26 W	98 lm/W	5933-6-3-891-XX	5933-6-4-891-XX
43°	2700 K	3160 lm	2700 lm	23 W	26 W	103 lm/W	5933-7-3-506-XX	5933-7-4-506-XX
	3000 K	3300 lm	2820 lm	23 W	26 W	108 lm/W	5933-7-3-887-XX	5933-7-4-887-XX
	4000 K	3390 lm	2890 lm	23 W	26 W	111 lm/W	5933-7-3-891-XX	5933-7-4-891-XX
12°	2700 K	4590 lm	3720 lm	36 W	40 W	93 lm/W	5933-5-3-505-XX	-
	3000 K	4790 lm	3890 lm	36 W	40 W	97 lm/W	5933-5-3-902-XX	-
	4000 K	4920 lm	3990 lm	36 W	40 W	99 lm/W	5933-5-3-905-XX	-
19°	2700 K	4590 lm	3420 lm	36 W	40 W	85 lm/W	5933-6-3-505-XX	-
	3000 K	4790 lm	3570 lm	36 W	40 W	89 lm/W	5933-6-3-902-XX	-
	4000 K	4920 lm	3660 lm	36 W	40 W	91 lm/W	5933-6-3-905-XX	-
43°	2700 K	4590 lm	3610 lm	36 W	40 W	90 lm/W	5933-7-3-505-XX	-
	3000 K	4790 lm	3770 lm	36 W	40 W	94 lm/W	5933-7-3-902-XX	-
	4000 K	4920 lm	3860 lm	36 W	40 W	96 lm/W	5933-7-3-905-XX	-

*for DALI option please consult your sales representative

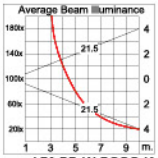
Light Distribution



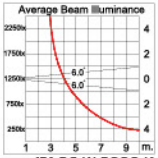
12° 23 W 3000 K



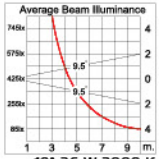
19° 23 W 3000 K



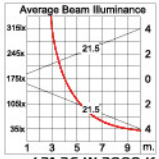
43° 23 W 3000 K



12° 36 W 3000 K



19° 36 W 3000 K



43° 36 W 3000 K

Mega SONIC – Gear

IP65 IK 08/06

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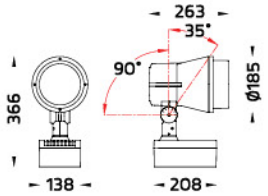
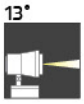
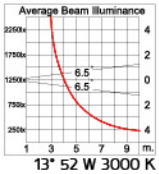


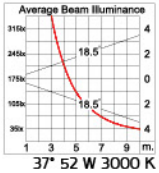
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
13° 	2700 K	7110 lm	6590 lm	52 W	57 W	115 lm/W	5935-5-3-508-XX	5935-5-4-508-XX
	3000 K	7420 lm	6880 lm	52 W	57 W	120 lm/W	5935-5-3-888-XX	5935-5-4-888-XX
	4000 K	7610 lm	7060 lm	52 W	57 W	123 lm/W	5935-5-3-892-XX	5935-5-4-892-XX
37°	2700 K	7110 lm	6320 lm	52 W	57 W	110 lm/W	5935-7-3-508-XX	5935-7-4-508-XX
	3000 K	7420 lm	6600 lm	52 W	57 W	115 lm/W	5935-7-3-888-XX	5935-7-4-888-XX
	4000 K	7610 lm	6770 lm	52 W	57 W	118 lm/W	5935-7-3-892-XX	5935-7-4-892-XX

*for DALI option please consult your sales representative

Light Distribution



13° 52 W 3000 K



37° 52 W 3000 K

Unilamp

Mini SONIC – Gear Arm

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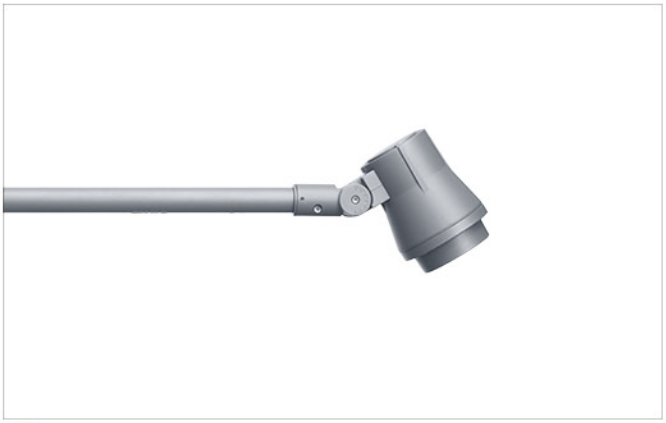

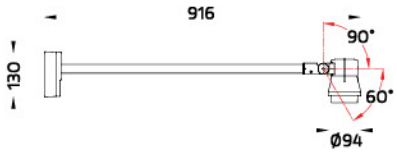

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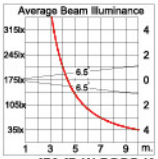
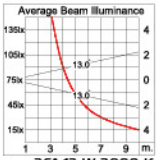
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
13°	2700 K	1550 lm	1360 lm	12 W	15 W	90 lm/W	5932-5-3-503-XX	5932-5-4-503-XX
	3000 K	1620 lm	1430 lm	12 W	15 W	95 lm/W	5932-5-3-901-XX	5932-5-4-901-XX
	4000 K	1660 lm	1460 lm	12 W	15 W	97 lm/W	5932-5-3-904-XX	5932-5-4-904-XX
26°	2700 K	1550 lm	1340 lm	12 W	15 W	89 lm/W	5932-6-3-503-XX	5932-6-4-503-XX
	3000 K	1620 lm	1410 lm	12 W	15 W	94 lm/W	5932-6-3-901-XX	5932-6-4-901-XX
	4000 K	1660 lm	1440 lm	12 W	15 W	96 lm/W	5932-6-3-904-XX	5932-6-4-904-XX
42°	2700 K	1550 lm	1320 lm	12 W	15 W	88 lm/W	5932-7-3-503-XX	5932-7-4-503-XX
	3000 K	1620 lm	1380 lm	12 W	15 W	92 lm/W	5932-7-3-901-XX	5932-7-4-901-XX
	4000 K	1660 lm	1410 lm	12 W	15 W	94 lm/W	5932-7-3-904-XX	5932-7-4-904-XX

*for DALI option please consult your sales representative

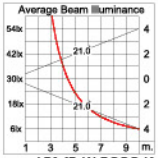
Light Distribution



13° 12 W 3000 K



26° 12 W 3000 K



42° 12 W 3000 K

Medium SONIC – Arm

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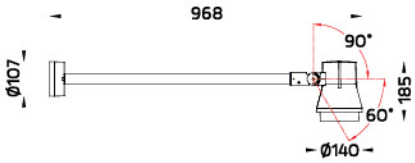

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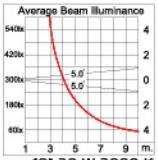
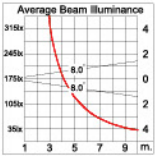
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
10°	3000 K	1800 lm	1210 lm	20 W	20 W	63 lm/W	5934-5-3-873-XX	–
	4000 K	1900 lm	1270 lm	20 W	20 W	66 lm/W	5934-5-3-874-XX	–
16°	3000 K	1800 lm	1140 lm	20 W	20 W	57 lm/W	5934-6-3-873-XX	–
	4000 K	1900 lm	1200 lm	20 W	20 W	60 lm/W	5934-6-3-874-XX	–
38°	3000 K	1800 lm	1160 lm	20 W	20 W	58 lm/W	5934-7-3-873-XX	–
	4000 K	1900 lm	1220 lm	20 W	20 W	61 lm/W	5934-7-3-874-XX	–
14°	3000 K	2700 lm	1890 lm	30 W	30 W	63 lm/W	5934-5-3-877-XX	–
	4000 K	2850 lm	1990 lm	30 W	30 W	66 lm/W	5934-5-3-878-XX	–
22°	3000 K	2700 lm	1770 lm	30 W	30 W	59 lm/W	5934-6-3-877-XX	–
	4000 K	2850 lm	1870 lm	30 W	30 W	62 lm/W	5934-6-3-878-XX	–
47°	3000 K	2700 lm	1820 lm	30 W	30 W	60 lm/W	5934-7-3-877-XX	–
	4000 K	2850 lm	1920 lm	30 W	30 W	64 lm/W	5934-7-3-878-XX	–

*for DALI option please consult your sales representative

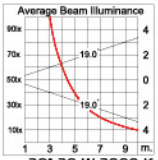
Light Distribution



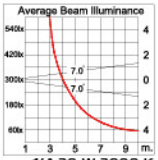
10° 20 W 3000 K



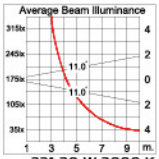
16° 20 W 3000 K



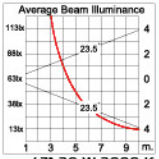
38° 20 W 3000 K



14° 30 W 3000 K



22° 30 W 3000 K



47° 30 W 3000 K

Unilamp

Medium SONIC–Gear Arm

IP65 IK 08/06

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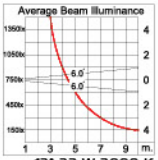
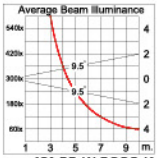
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
12°	2700 K	3160 lm	2680 lm	23 W	26 W	103 lm/W	5934-5-3-506-XX	5934-5-4-506-XX
	3000 K	3300 lm	2800 lm	23 W	26 W	107 lm/W	5934-5-3-887-XX	5934-5-4-887-XX
	4000 K	3390 lm	2870 lm	23 W	26 W	110 lm/W	5934-5-3-891-XX	5934-5-4-891-XX
19°	2700 K	3160 lm	2390 lm	23 W	26 W	91 lm/W	5934-6-3-506-XX	5934-6-4-506-XX
	3000 K	3300 lm	2500 lm	23 W	26 W	96 lm/W	5934-6-3-887-XX	5934-6-4-887-XX
	4000 K	3390 lm	2560 lm	23 W	26 W	98 lm/W	5934-6-3-891-XX	5934-6-4-891-XX
43°	2700 K	3160 lm	2700 lm	23 W	26 W	103 lm/W	5934-7-3-506-XX	5934-7-4-506-XX
	3000 K	3300 lm	2820 lm	23 W	26 W	108 lm/W	5934-7-3-887-XX	5934-7-4-887-XX
	4000 K	3390 lm	2890 lm	23 W	26 W	111 lm/W	5934-7-3-891-XX	5934-7-4-891-XX
12°	2700 K	4590 lm	3720 lm	36 W	40 W	93 lm/W	5934-5-3-505-XX	–
	3000 K	4790 lm	3890 lm	36 W	40 W	97 lm/W	5934-5-3-902-XX	–
	4000 K	4920 lm	3990 lm	36 W	40 W	99 lm/W	5934-5-3-905-XX	–
19°	2700 K	4590 lm	3420 lm	36 W	40 W	85 lm/W	5934-6-3-505-XX	–
	3000 K	4790 lm	3570 lm	36 W	40 W	89 lm/W	5934-6-3-902-XX	–
	4000 K	4920 lm	3660 lm	36 W	40 W	91 lm/W	5934-6-3-905-XX	–
43°	2700 K	4590 lm	3610 lm	36 W	40 W	90 lm/W	5934-7-3-505-XX	–
	3000 K	4790 lm	3770 lm	36 W	40 W	94 lm/W	5934-7-3-902-XX	–
	4000 K	4920 lm	3860 lm	36 W	40 W	96 lm/W	5934-7-3-905-XX	–

*for DALI option please consult your sales representative

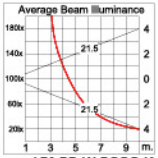
Light Distribution



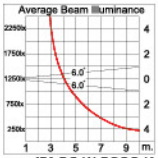
12° 23 W 3000 K



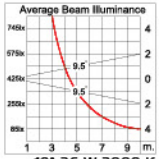
19° 23 W 3000 K



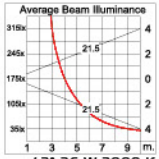
43° 23 W 3000 K



12° 36 W 3000 K



19° 36 W 3000 K



43° 36 W 3000 K

Mega SONIC – Gear Arm

IP65 IK 08/06

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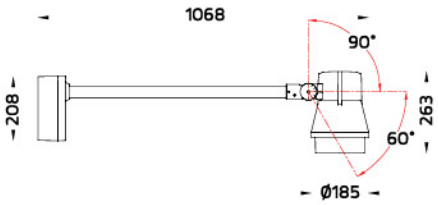
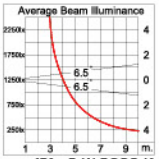


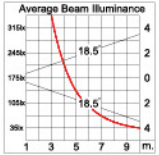
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
13°	2700 K	7110 lm	6590 lm	52 W	57 W	115 lm/W	5936-5-3-508-XX	5936-5-4-508-XX
	3000 K	7420 lm	6880 lm	52 W	57 W	120 lm/W	5936-5-3-888-XX	5936-5-4-888-XX
	4000 K	7610 lm	7060 lm	52 W	57 W	123 lm/W	5936-5-3-892-XX	5936-5-4-892-XX
37°	2700 K	7110 lm	6320 lm	52 W	57 W	110 lm/W	5936-7-3-508-XX	5936-7-4-508-XX
	3000 K	7420 lm	6600 lm	52 W	57 W	115 lm/W	5936-7-3-888-XX	5936-7-4-888-XX
	4000 K	7610 lm	6770 lm	52 W	57 W	118 lm/W	5936-7-3-892-XX	5936-7-4-892-XX

*for DALI option please consult your sales representative

Light Distribution



13° 52 W 3000 K



37° 52 W 3000 K

Mini SONIC – Stand

IP65 IK 08/06

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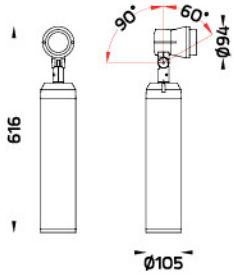
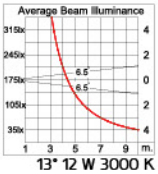


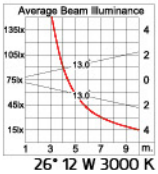
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
13°	2700 K	1550 lm	1360 lm	12 W	15 W	90 lm/W	5831-5-3-503-XX	5831-5-4-503-XX
	3000 K	1620 lm	1430 lm	12 W	15 W	95 lm/W	5831-5-3-901-XX	5831-5-4-901-XX
	4000 K	1660 lm	1460 lm	12 W	15 W	97 lm/W	5831-5-3-904-XX	5831-5-4-904-XX
26°	2700 K	1550 lm	1340 lm	12 W	15 W	89 lm/W	5831-6-3-503-XX	5831-6-4-503-XX
	3000 K	1620 lm	1410 lm	12 W	15 W	94 lm/W	5831-6-3-901-XX	5831-6-4-901-XX
	4000 K	1660 lm	1440 lm	12 W	15 W	96 lm/W	5831-6-3-904-XX	5831-6-4-904-XX
42°	2700 K	1550 lm	1320 lm	12 W	15 W	88 lm/W	5831-7-3-503-XX	5831-7-4-503-XX
	3000 K	1620 lm	1380 lm	12 W	15 W	92 lm/W	5831-7-3-901-XX	5831-7-4-901-XX
	4000 K	1660 lm	1410 lm	12 W	15 W	94 lm/W	5831-7-3-904-XX	5831-7-4-904-XX

*for DALI option please consult your sales representative

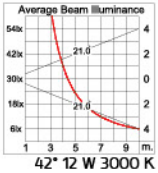
Light Distribution



13° 12 W 3000 K



26° 12 W 3000 K



42° 12 W 3000 K

Medium SONIC – Stand

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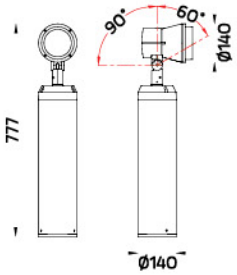
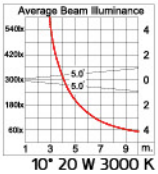


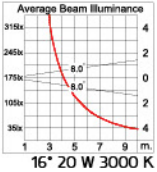
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
10°	3000 K	1800 lm	1210 lm	20 W	20 W	63 lm/W	5833-5-3-873-XX	–
	4000 K	1900 lm	1270 lm	20 W	20 W	66 lm/W	5833-5-3-874-XX	–
16°	3000 K	1800 lm	1140 lm	20 W	20 W	57 lm/W	5833-6-3-873-XX	–
	4000 K	1900 lm	1200 lm	20 W	20 W	60 lm/W	5833-6-3-874-XX	–
38°	3000 K	1800 lm	1160 lm	20 W	20 W	58 lm/W	5833-7-3-873-XX	–
	4000 K	1900 lm	1220 lm	20 W	20 W	61 lm/W	5833-7-3-874-XX	–
14°	3000 K	2700 lm	1890 lm	30 W	30 W	63 lm/W	5833-5-3-877-XX	–
	4000 K	2850 lm	1990 lm	30 W	30 W	66 lm/W	5833-5-3-878-XX	–
22°	3000 K	2700 lm	1770 lm	30 W	30 W	59 lm/W	5833-6-3-877-XX	–
	4000 K	2850 lm	1870 lm	30 W	30 W	62 lm/W	5833-6-3-878-XX	–
47°	3000 K	2700 lm	1820 lm	30 W	30 W	60 lm/W	5833-7-3-877-XX	–
	4000 K	2850 lm	1920 lm	30 W	30 W	64 lm/W	5833-7-3-878-XX	–

*for DALI option please consult your sales representative

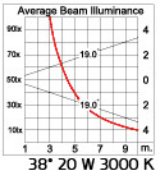
Light Distribution



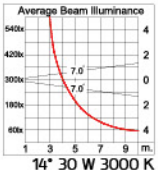
10° 20 W 3000 K



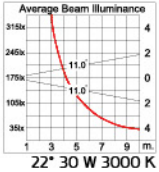
16° 20 W 3000 K



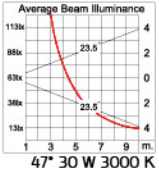
38° 20 W 3000 K



14° 30 W 3000 K



22° 30 W 3000 K



47° 30 W 3000 K

Medium SONIC – Stand

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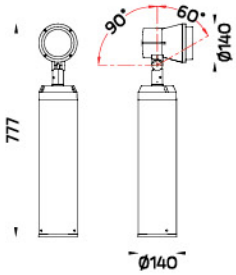
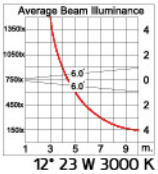


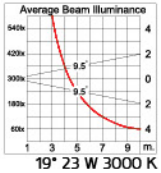
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
12°	2700 K	3160 lm	2680 lm	23 W	26 W	103 lm/W	5833-5-3-506-XX	5833-5-4-506-XX
	3000 K	3300 lm	2800 lm	23 W	26 W	107 lm/W	5833-5-3-887-XX	5833-5-4-887-XX
	4000 K	3390 lm	2870 lm	23 W	26 W	110 lm/W	5833-5-3-891-XX	5833-5-4-891-XX
19°	2700 K	3160 lm	2390 lm	23 W	26 W	91 lm/W	5833-6-3-506-XX	5833-6-4-506-XX
	3000 K	3300 lm	2500 lm	23 W	26 W	96 lm/W	5833-6-3-887-XX	5833-6-4-887-XX
	4000 K	3390 lm	2560 lm	23 W	26 W	98 lm/W	5833-6-3-891-XX	5833-6-4-891-XX
43°	2700 K	3160 lm	2700 lm	23 W	26 W	103 lm/W	5833-7-3-506-XX	5833-7-4-506-XX
	3000 K	3300 lm	2820 lm	23 W	26 W	108 lm/W	5833-7-3-887-XX	5833-7-4-887-XX
	4000 K	3390 lm	2890 lm	23 W	26 W	111 lm/W	5833-7-3-891-XX	5833-7-4-891-XX
12°	2700 K	4590 lm	3720 lm	36 W	40 W	93 lm/W	5833-5-3-505-XX	–
	3000 K	4790 lm	3890 lm	36 W	40 W	97 lm/W	5833-5-3-902-XX	–
	4000 K	4920 lm	3990 lm	36 W	40 W	99 lm/W	5833-5-3-905-XX	–
19°	2700 K	4590 lm	3420 lm	36 W	40 W	85 lm/W	5833-6-3-505-XX	–
	3000 K	4790 lm	3570 lm	36 W	40 W	89 lm/W	5833-6-3-902-XX	–
	4000 K	4920 lm	3660 lm	36 W	40 W	91 lm/W	5833-6-3-905-XX	–
43°	2700 K	4590 lm	3610 lm	36 W	40 W	90 lm/W	5833-7-3-505-XX	–
	3000 K	4790 lm	3770 lm	36 W	40 W	94 lm/W	5833-7-3-902-XX	–
	4000 K	4920 lm	3860 lm	36 W	40 W	96 lm/W	5833-7-3-905-XX	–

*for DALI option please consult your sales representative

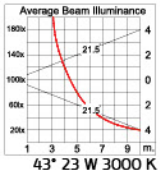
Light Distribution



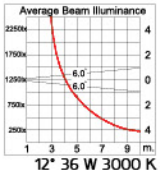
12° 23 W 3000 K



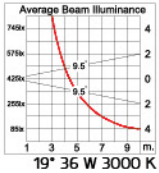
19° 23 W 3000 K



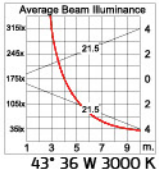
43° 23 W 3000 K



12° 36 W 3000 K



19° 36 W 3000 K



43° 36 W 3000 K

Mega SONIC – Stand

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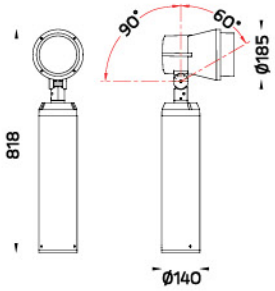
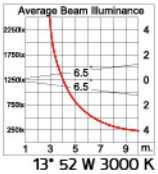


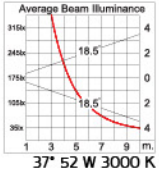
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
13°	2700 K	7110 lm	6590 lm	52 W	57 W	115 lm/W	5835-5-3-508-XX	5835-5-4-508-XX
	3000 K	7420 lm	6880 lm	52 W	57 W	120 lm/W	5835-5-3-888-XX	5835-5-4-888-XX
	4000 K	7610 lm	7060 lm	52 W	57 W	123 lm/W	5835-5-3-892-XX	5835-5-4-892-XX
37°	2700 K	7110 lm	6320 lm	52 W	57 W	110 lm/W	5835-7-3-508-XX	5835-7-4-508-XX
	3000 K	7420 lm	6600 lm	52 W	57 W	115 lm/W	5835-7-3-888-XX	5835-7-4-888-XX
	4000 K	7610 lm	6770 lm	52 W	57 W	118 lm/W	5835-7-3-892-XX	5835-7-4-892-XX

*for DALI option please consult your sales representative

Light Distribution



13° 52 W 3000 K



37° 52 W 3000 K

Unilamp

Mega SONIC – Pole Set

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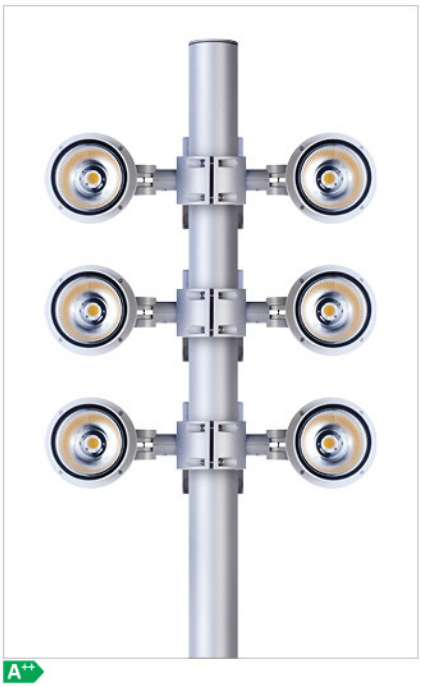

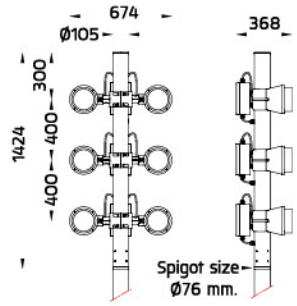

Mega SONIC Pole set with 2 and 4 spotlights are also available.
Version with 2 spotlights : replace the first 4-digit of ordering code with 7721
Version with 4 spotlights : replace the first 4-digit of ordering code with 7722

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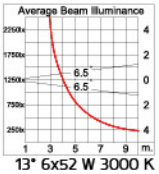
For top part of Aluminium profile and clamping unit are supplied with the product [spotlights].
Main pole is not included and has to be ordered separately.
Please see Pole's detail on page

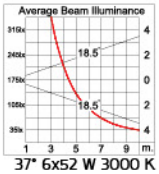
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
13°	2700 K	6x7110 lm	39540 lm	6x52 W	342 W	115 lm/W	7723-5-3-508-XX	-
	3000 K	6x7420 lm	41280 lm	6x52 W	342 W	120 lm/W	7723-5-3-888-XX	-
	4000 K	6x7610 lm	42360 lm	6x52 W	342 W	123 lm/W	7723-5-3-892-XX	-
37°	2700 K	6x7110 lm	37920 lm	6x52 W	342 W	110 lm/W	7723-7-3-508-XX	-
	3000 K	6x7420 lm	39600 lm	6x52 W	342 W	115 lm/W	7723-7-3-888-XX	-
	4000 K	6x7610 lm	40620 lm	6x52 W	342 W	118 lm/W	7723-7-3-892-XX	-

*for DALI option please consult your sales representative

Light Distribution



13° 6x52 W 3000 K



37° 6x52 W 3000 K

Mega SONIC – Wall Set

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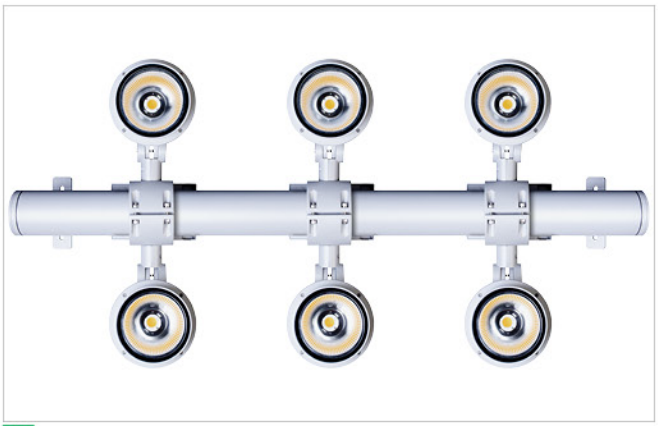

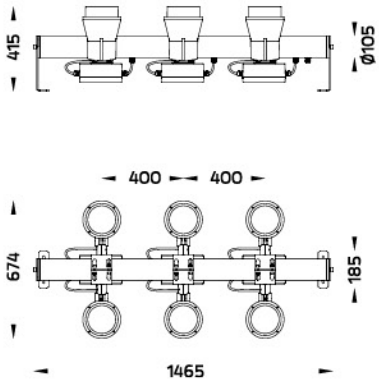

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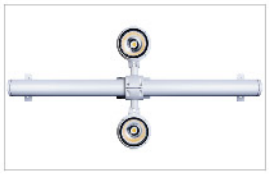
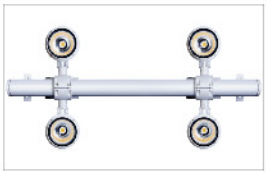
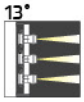
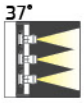


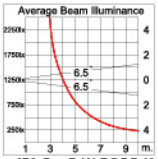


Mega SONIC Wall set with 2 and 4 spotlights are also available.
Version with 2 spotlights : replace the first 4-digit of ordering code with 7724
Version with 4 spotlights : replace the first 4-digit of ordering code with 7725

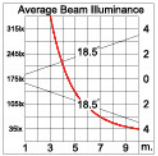
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
13° 	2700 K	6x7110 lm	39540 lm	6x52 W	342 W	115 lm/W	7726-5-3-508-XX	-
	3000 K	6x7420 lm	41280 lm	6x52 W	342 W	120 lm/W	7726-5-3-888-XX	-
	4000 K	6x7610 lm	42360 lm	6x52 W	342 W	123 lm/W	7726-5-3-892-XX	-
37° 	2700 K	6x7110 lm	37920 lm	6x52 W	342 W	110 lm/W	7726-7-3-508-XX	-
	3000 K	6x7420 lm	39600 lm	6x52 W	342 W	115 lm/W	7726-7-3-888-XX	-
	4000 K	6x7610 lm	40620 lm	6x52 W	342 W	118 lm/W	7726-7-3-892-XX	-

*for DALI option please consult your sales representative

Light Distribution



13° 6x52 W 3000 K



37° 6x52 W 3000 K

Unilamp

Mega SONIC – Indirect Pole Light/Single Sided

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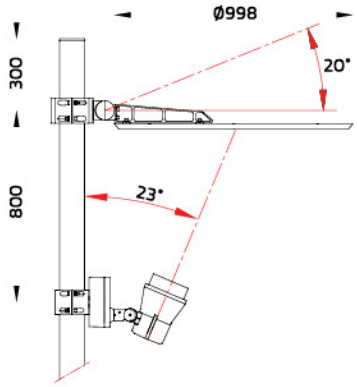

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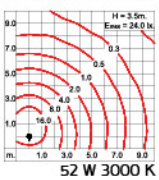
Pole is not included and has to be ordered separately.
Please see Pole's detail on page

Mega SONIC Indirect Pole Light is also available in Double Sided.
For Double Sided version : replace the first 4 digit of ordering code with 7712.

Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On-Off	*1-10V*
2700 K	7110 lm	4610 lm	52 W	57 W	80 lm/W	7711-0-3-508-XX	-
3000 K	7420 lm	4810 lm	52 W	57 W	84 lm/W	7711-0-3-888-XX	-
4000 K	7610 lm	4940 lm	52 W	57 W	86 lm/W	7711-0-3-892-XX	-

*for DALI option please consult your sales representative

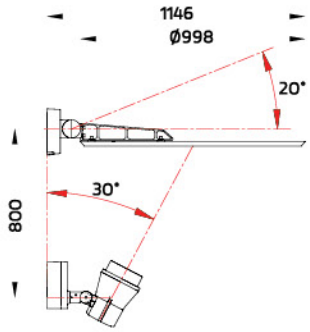
Light Distribution



52 W 3000 K

Mega SONIC – Indirect Wall Light

IP65 IK 08/06



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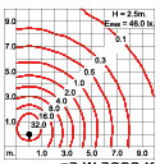
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	2700 K	7110 lm	4610 lm	52 W	57 W	80 lm/W	5950-0-3-508-XX	-
	3000 K	7420 lm	4810 lm	52 W	57 W	84 lm/W	5950-0-3-888-XX	-
	4000 K	7610 lm	4940 lm	52 W	57 W	86 lm/W	5950-0-3-892-XX	-

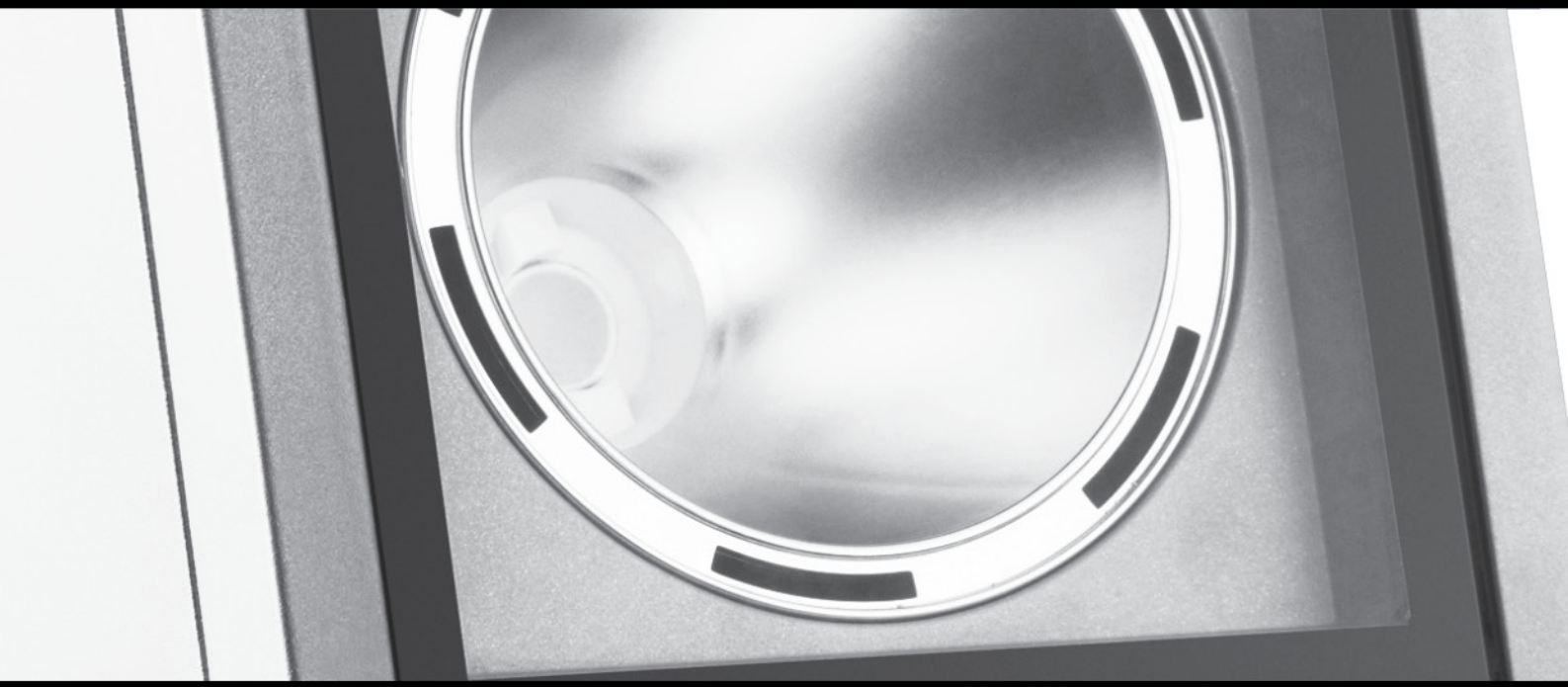
*for DALI option please consult your sales representative

Light Distribution



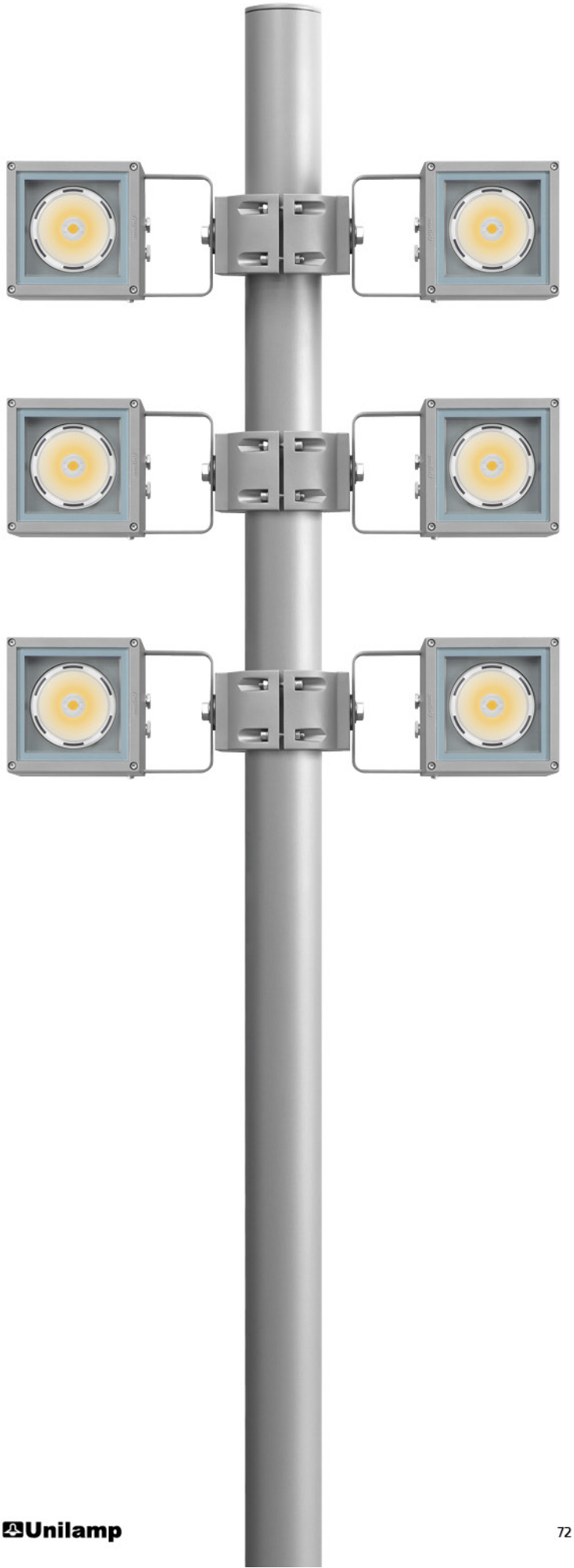
52 W 3000 K

Unilamp



KUBIK

KUBIK



KUBIK is a robust cube-shaped spotlight with LED light source. The family offers ground/wall mount fixing, pole clamp and wall clamp array, indirect pole and wall light. The front glass cover is flush to the luminaire housing thus dust and water are not accumulated. High efficiency reflectors and lens are used in this luminaire family. Aiming can be done through graduated scale by tool.
The luminaire housing separates LED and driver compartment to achieve lower operating temperature and longer service time. **KUBIK** is suitable to light up object from short to medium distance like bushes, plants, sculptures, flags, signboards, columns, building facets, etc.

KUBIK

Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium and Extruded Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- High efficiency reflector.
- Molded lens from renowned manufacturer.
- Adjustable optic.
- GFR PA6.6 terminal block.
- M20 Cable Gland.
- Installation work has to be carried on according to the enclosed product manual.

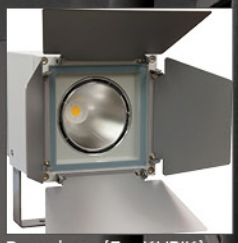
Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Accessories

Aluminium glare shield cap (For KUBIK).
Ordering Code:
9-0106-XX

Aluminium glare shield cap (For Mini KUBIK)
Ordering Code:
9-0108-XX



Barn doors (For KUBIK)
Ordering code: 9-0111-01

Extruded aluminium pole / galvanized steel pole (for KUBIK – Pole Set)
Please see detail on page 712 & 715.

Extruded aluminium pole / galvanized steel pole (for KUBIK – Indirect Pole Light)
Please see detail on page 713 & 716.

Glare Shield Ring for COB
Ordering code:
0268-0-9-000-00

Anchor bolt kit (for KUBIK – Pole Set and KUBIK – Indirect Pole Light)
Please see detail on page 712 & 719, 713 & 716.

No accumulation of dust and water on front cover.

Robust design housing.

Separated gear compartment.

High quality LED from Citizen / Lumileds.

Indirect light distribution.

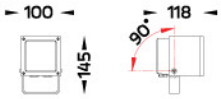
Pole/Wall clamp application.

Choice of beam angle.

Armor shield coating.

Mini KUBIK – Ground Mount

IP66 IK 08 07



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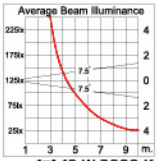
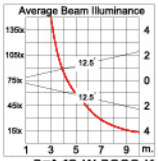
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
15°	2700 K	1750 lm	1700 lm	18 W	22	77 lm/W	5941-0-3-520-XX	-
	3000 K	1750 lm	1700 lm	18 W	22	77 lm/W	5941-0-3-915-XX	-
	4000 K	1880 lm	1820 lm	18 W	22	82 lm/W	5941-0-3-918-XX	-
25°	2700 K	1750 lm	1690 lm	18 W	22	76 lm/W	5941-0-3-521-XX	-
	3000 K	1750 lm	1690 lm	18 W	22	76 lm/W	5941-0-3-916-XX	-
	4000 K	1880 lm	1800 lm	18 W	22	81 lm/W	5941-0-3-919-XX	-
38°	2700 K	1750 lm	1530 lm	18 W	22	69 lm/W	5941-0-3-522-XX	-
	3000 K	1750 lm	1530 lm	18 W	22	69 lm/W	5941-0-3-917-XX	-
	4000 K	1880 lm	1630 lm	18 W	22	74 lm/W	5941-0-3-920-XX	-

*for DALI driver please consult your sales representative

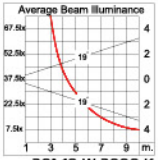
Light Distribution



15° 18 W 3000 K



25° 18 W 3000 K

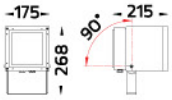


38° 18 W 3000 K

KUBIK – Ground Mount

IP66 IK 08 07

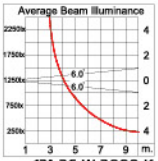
A++



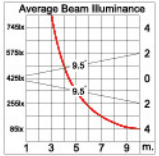
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
12°	2700 K	4590 lm	3620	36 W	40	90 lm/W	5942-5-3-505-XX	-
	3000 K	4790 lm	3780	36 W	40	94 lm/W	5942-5-3-902-XX	-
	4000 K	4920 lm	3870	36 W	40	96 lm/W	5942-5-3-905-XX	-
19°	2700 K	4590 lm	3190	36 W	40	79 lm/W	5942-6-3-505-XX	-
	3000 K	4790 lm	3330	36 W	40	83 lm/W	5942-6-3-902-XX	-
	4000 K	4920 lm	3410	36 W	40	85 lm/W	5942-6-3-905-XX	-
43°	2700 K	4590 lm	3180	36 W	40	79 lm/W	5942-7-3-505-XX	-
	3000 K	4790 lm	3320	36 W	40	83 lm/W	5942-7-3-902-XX	-
	4000 K	4920 lm	3400	36 W	40	85 lm/W	5942-7-3-905-XX	-

*for DALI driver please consult your sales representative

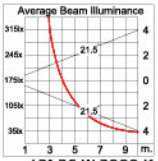
Light Distribution



12° 36 W 3000 K



19° 36 W 3000 K

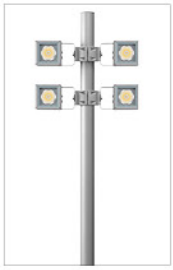


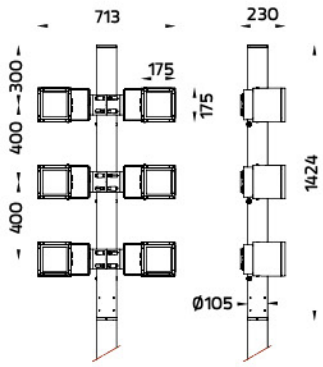
43° 36 W 3000 K

Unilamp

KUBIK – Pole Set

IP65 IK 08 07





KUBIK Pole set with 2 and 4 spotlights are also available.
Version with 2 spotlights : Replace 4 digit of ordering code with 7731
Version with 4 spotlights : Replace 4 digit of ordering code with 7732

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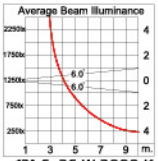
For top part of Aluminium profile and clamping unit are supplied with the product [spotlights].
Main pole is not included and has to be ordered separately.
Please see Pole's detail on page

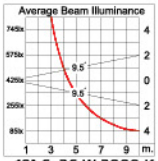
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
12°	2700 K	6x4590 lm	21720 lm	6x36 W	240 W	90 lm/W	7733–5–3–505–XX	–
	3000 K	6x4790 lm	22680 lm	6x36 W	240 W	94 lm/W	7733–5–3–902–XX	–
	4000 K	6x4920 lm	23220 lm	6x36 W	240 W	96 lm/W	7733–5–3–905–XX	–
19°	2700 K	6x4590 lm	19140 lm	6x36 W	240 W	79 lm/W	7733–6–3–505–XX	–
	3000 K	6x4790 lm	19980 lm	6x36 W	240 W	83 lm/W	7733–6–3–902–XX	–
	4000 K	6x4920 lm	20460 lm	6x36 W	240 W	85 lm/W	7733–6–3–905–XX	–
43°	2700 K	6x4590 lm	19080 lm	6x36 W	240 W	79 lm/W	7733–7–3–505–XX	–
	3000 K	6x4790 lm	19920 lm	6x36 W	240 W	83 lm/W	7733–7–3–902–XX	–
	4000 K	6x4920 lm	20400 lm	6x36 W	240 W	85 lm/W	7733–7–3–905–XX	–

*for DALI driver please consult your sales representative

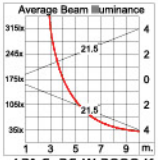
Light Distribution



12° 6x36 W 3000 K



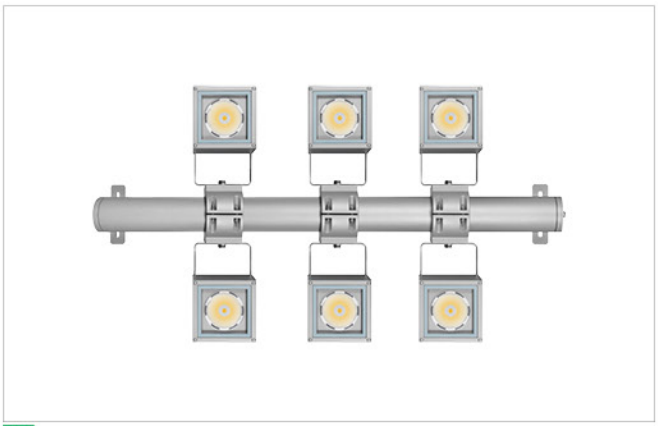
19° 6x36 W 3000 K

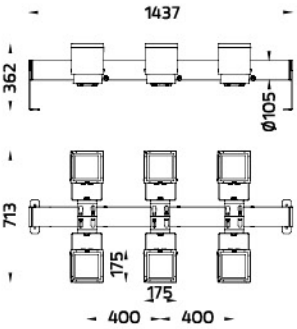


43° 6x36 W 3000 K

KUBIK – Wall Set

IP65 IK 08 07





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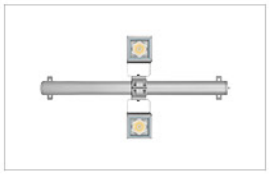
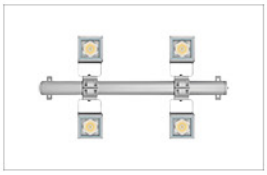
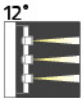
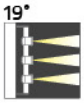


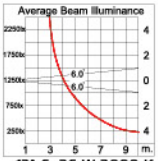


KUBIK Wall set with 2 and 4 spotlights are also available.
Version with 2 spotlights : Replace 4 digit of ordering code with 7734
Version with 4 spotlights : Replace 4 digit of ordering code with 7735

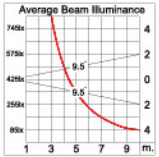
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
12° 	2700 K	6x4590 lm	21720 lm	6x36 W	240 W	90 lm/W	7736-5-3-505-XX	-
	3000 K	6x4790 lm	22680 lm	6x36 W	240 W	94 lm/W	7736-5-3-902-XX	-
	4000 K	6x4920 lm	23220 lm	6x36 W	240 W	96 lm/W	7736-5-3-905-XX	-
19° 	2700 K	6x4590 lm	19140 lm	6x36 W	240 W	79 lm/W	7736-6-3-505-XX	-
	3000 K	6x4790 lm	19980 lm	6x36 W	240 W	83 lm/W	7736-6-3-902-XX	-
	4000 K	6x4920 lm	20460 lm	6x36 W	240 W	85 lm/W	7736-6-3-905-XX	-
43°	2700 K	6x4590 lm	19080 lm	6x36 W	240 W	79 lm/W	7736-7-3-505-XX	-
	3000 K	6x4790 lm	19920 lm	6x36 W	240 W	83 lm/W	7736-7-3-902-XX	-
	4000 K	6x4920 lm	20400 lm	6x36 W	240 W	85 lm/W	7736-7-3-905-XX	-

*for DALI driver please consult your sales representative

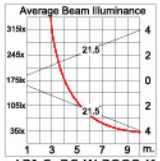
Light Distribution



12° 6x36 W 3000 K



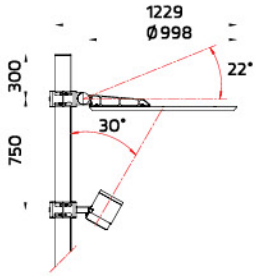
19° 6x36 W 3000 K

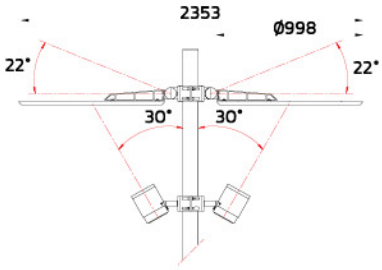


43° 6x36 W 3000 K

KUBIK – Indirect Pole Light

IP65 IK 08 07





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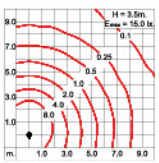
Pole is not included and has to be ordered separately.
Please see Pole's detail on page

KUBIK Indirect Pole Light is also available in double sided.

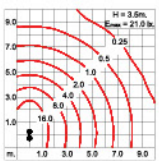
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	2700 K	4590 lm	2530 lm	36 W	40 W	63 lm/W	7713-0-3-505-XX	-
	3000 K	4790 lm	2640 lm	36 W	40 W	66 lm/W	7713-0-3-902-XX	-
	4000 K	4920 lm	2700 lm	36 W	40 W	67 lm/W	7713-0-3-905-XX	-
	2700 K	2x4590 lm	5060 lm	2x36 W	80 W	63 lm/W	7714-0-3-505-XX	-
	3000 K	2x4790 lm	5280 lm	2x36 W	80 W	66 lm/W	7714-0-3-902-XX	-
	4000 K	2x4920 lm	5400 lm	2x36 W	80 W	67 lm/W	7714-0-3-905-XX	-

*for DALI driver please consult your sales representative

Light Distribution



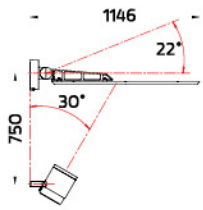
36 W 3000 K



2x36 W 3000 K

KUBIK – Indirect Wall Light

IP65 IK 08/07



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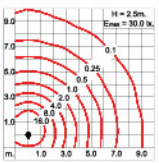
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	2700 K	4590 lm	2530 lm	36 W	40 W	63 lm/W	5951-0-3-505-XX	-
	3000 K	4790 lm	2640 lm	36 W	40 W	66 lm/W	5951-0-3-902-XX	-
	4000 K	4920 lm	2700 lm	36 W	40 W	67 lm/W	5951-0-3-905-XX	-

*for DALI driver please consult your sales representative

Light Distribution



36 W 3000 K

Unilamp

NEW
Release

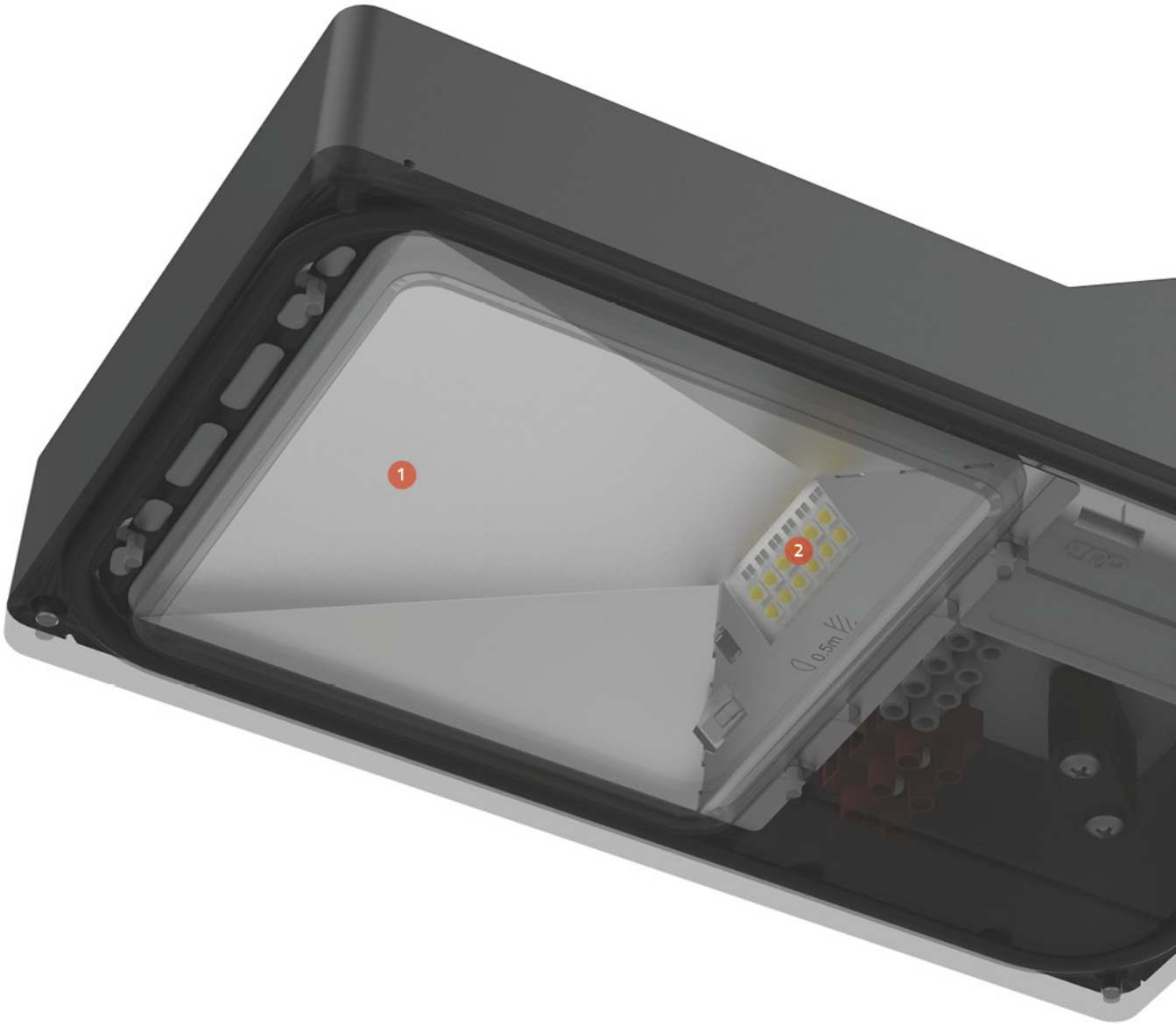
ATHLON

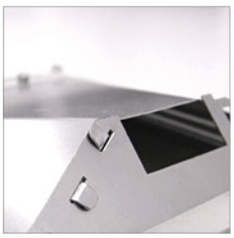
ATHLON

NEW Release

ATHLON family is functional mini spotlight/ floodlight. The slim and clean design of Athlon allows a hidden installation. Athlon is designed for a streamlined time effective installation. Alanod Miro reflectors used in this luminaire are designed by Photopia high-end lighting engineering software. Tight beam control utilizes selected lenses from world-renowned manufacturers. ATHLON is available with symmetric, asymmetric and bisymmetric light distributions and the broad range of accessories such as a ground spike, tree strap, color filters, honey comb louver and glare shield hood makes it a dynamic floodlight choice. The graduated scale provides accuracy of the light distribution on the illuminated surface. ATHLON is suitable to light up small to medium sized objects or areas such as signage boards, ceiling, building facades, etc.

ATHLON





CNC formed reflector.

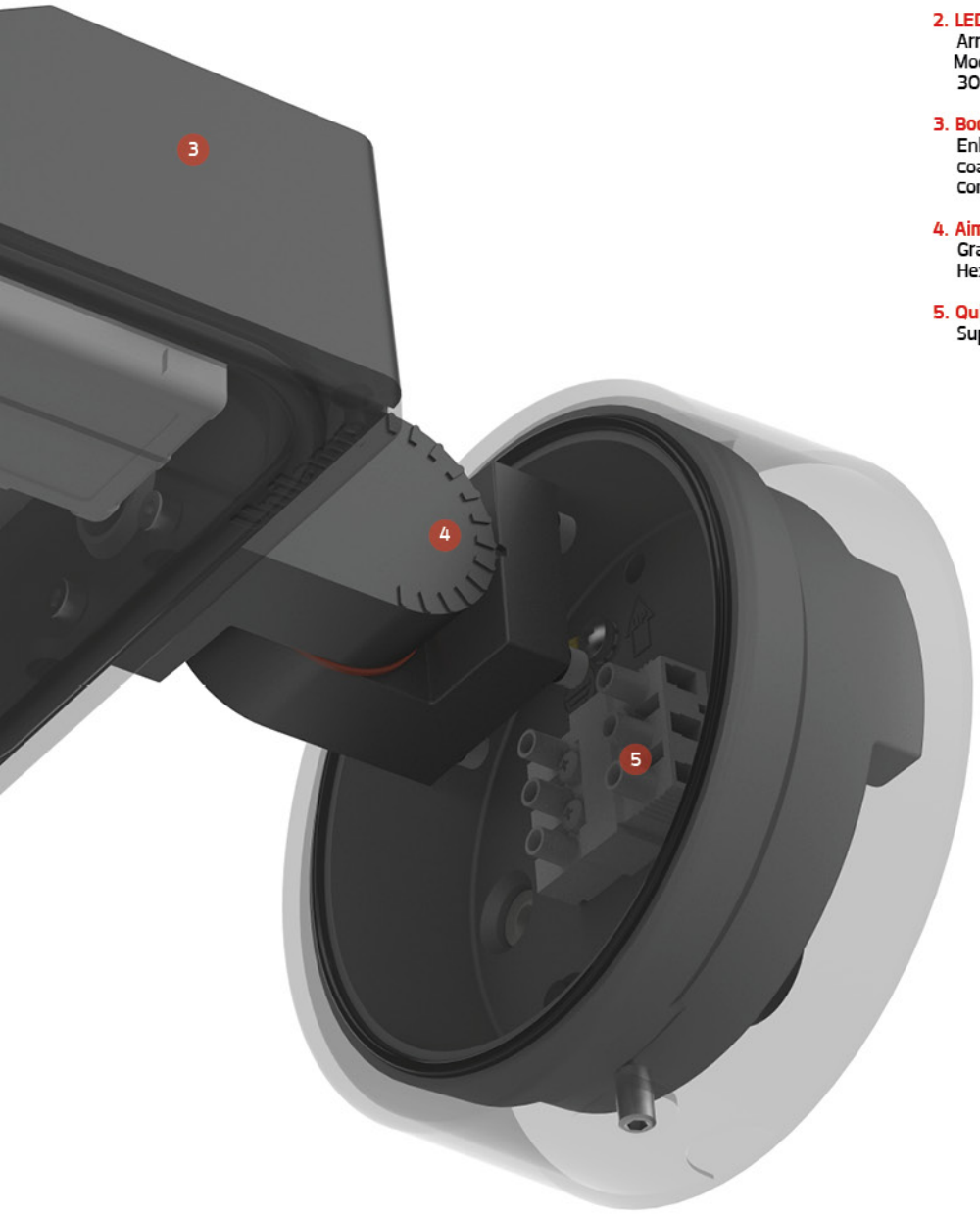
Graduated scale for aiming.

High quality LED.

Supplied with detachable connector.

Various types of light distribution.

Armor shield coating.



ATHLON

1. **Reflector**
   High reflection CNC formed Miro reflector.

2. **LED**
   Array of High power LED from world renowned manufacturer. Module attached directly to the body for fastest heat transfer. 3000K and 4000K CRI>80 3-Step SDCM.

3. **Body Housing**
   Enhanced LM6 Die-Cast Alumnium housing with 16-step coating process including Nano Ceramic film. Low copper content <0.1%

4. **Aiming**
   Graduated scale with locking mechanism. Adjustable with Hexagon tool.

5. **Quick Connector**
   Supplied with detachable connector for easy installation.

ATHLON

Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- CNC formed reflector.
- Molded lens from renowned manufacturer.
- Adjustable optic.
- GFR PA6.6 terminal block.
- Weather proof TPE grommet.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

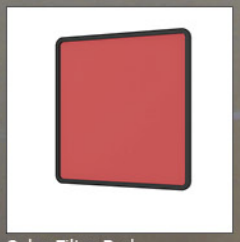
Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Accessories

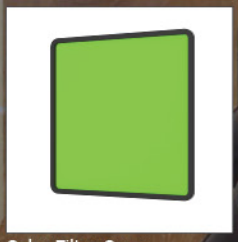
Glass-Fiber Reinforced Polymer Earth Spike
Ordering Code:
9-2000-00

Tree Strap for Small Base
Ordering Code:
9-2001-00

Softening Filter
Ordering Code:
0290-0-9-000-00



Color Filter Red
Ordering Code:
0291-0-9-000-81



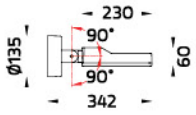
Color Filter Green
Ordering Code:
0291-0-9-000-83

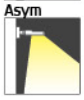
Color Filter Blue
Ordering Code:
0291-0-9-000-84

ATHLON Surface Washer / Asymmetric

IP65 IK 08 07

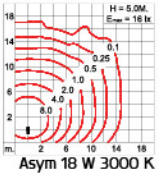
A++ A+



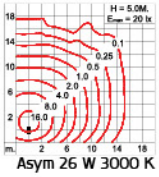
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
Asym	3000 K	1930 lm	1500 lm	18 W	20 W	75 lm/W	2310-1-3-865-XX	-
	4000 K	2230 lm	1700 lm	18 W	20 W	85 lm/W	2310-1-3-866-XX	-
Asym 	3000 K	2350 lm	1830 lm	26 W	29 W	63 lm/W	2310-1-3-857-XX	2310-1-4-857-XX
	4000 K	2990 lm	2220 lm	26 W	29 W	76 lm/W	2310-1-3-858-XX	2310-1-4-858-XX

*for DALI option please consult your sales representative

Light Distribution



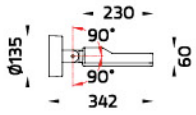
Asym 18 W 3000 K



Asym 26 W 3000 K

ATHLON Surface Washer / Bi-Symmetric

IP65 IK 08 07

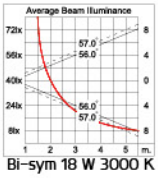


A++ A+

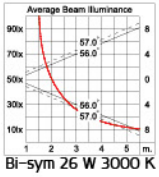
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
Bi-Sym	3000 K	1930 lm	1650 lm	18 W	20 W	82 lm/W	2311-7-3-865-XX	-
	4000 K	2230 lm	1870 lm	18 W	20 W	93 lm/W	2311-7-3-866-XX	-
Bi-Sym	3000 K	2350 lm	2010 lm	26 W	29 W	69 lm/W	2311-7-3-857-XX	2311-7-4-857-XX
	4000 K	2990 lm	2440 lm	26 W	29 W	84 lm/W	2311-7-3-858-XX	2311-7-4-858-XX

*for DALI option please consult your sales representative

Light Distribution



Bi-sym 18 W 3000 K



Bi-sym 26 W 3000 K

Unilamp

ATHLON Optic Surface Washer / Asymmetric

IP65 IK 08/07

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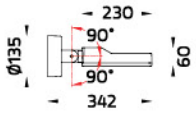
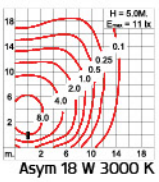


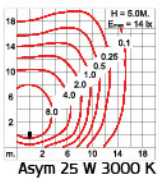
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
Asym	2700 K	2160 lm	1670 lm	18 W	20 W	83 lm/W	2312-1-3-524-XX	-
	3000 K	2160 lm	1670 lm	18 W	20 W	83 lm/W	2312-1-3-867-XX	-
	4000 K	2310 lm	1780 lm	18 W	20 W	89 lm/W	2312-1-3-868-XX	-
Asym	2700 K	2880 lm	2220 lm	25 W	28 W	79 lm/W	2312-1-3-523-XX	2312-1-4-523-XX
	3000 K	2880 lm	2220 lm	25 W	28 W	79 lm/W	2312-1-3-897-XX	2312-1-4-897-XX
	4000 K	3090 lm	2380 lm	25 W	28 W	85 lm/W	2312-1-3-898-XX	2312-1-4-898-XX

*for DALI option please consult your sales representative

Light Distribution



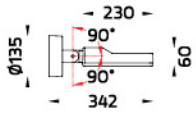
Asym 18 W 3000 K



Asym 25 W 3000 K

ATHLON Optic Surface Washer / Symmetric

IP65 IK 08/07



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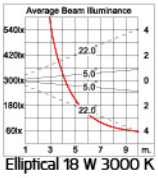
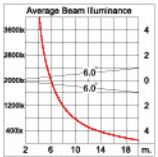
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
Elliptical	2700 K	2160 lm	2100 lm	18 W	20 W	105 lm/W	2313-3-3-524-XX	-
	3000 K	2160 lm	2100 lm	18 W	20 W	105 lm/W	2313-3-3-867-XX	-
	4000 K	2310 lm	2250 lm	18 W	20 W	112 lm/W	2313-3-3-868-XX	-
12°	2700 K	2160 lm	2100 lm	18 W	20 W	105 lm/W	2313-5-3-524-XX	-
	3000 K	2160 lm	2100 lm	18 W	20 W	105 lm/W	2313-5-3-867-XX	-
	4000 K	2310 lm	2250 lm	18 W	20 W	112 lm/W	2313-5-3-868-XX	-
25°	2700 K	2160 lm	2080 lm	18 W	20 W	104 lm/W	2313-6-3-524-XX	-
	3000 K	2160 lm	2080 lm	18 W	20 W	104 lm/W	2313-6-3-867-XX	-
	4000 K	2310 lm	2230 lm	18 W	20 W	111 lm/W	2313-6-3-868-XX	-
46°	2700 K	2160 lm	2050 lm	18 W	20 W	102 lm/W	2313-7-3-524-XX	-
	3000 K	2160 lm	2050 lm	18 W	20 W	102 lm/W	2313-7-3-867-XX	-
	4000 K	2310 lm	2200 lm	18 W	20 W	110 lm/W	2313-7-3-868-XX	-
Elliptical	2700 K	2880 lm	2800 lm	25 W	28 W	100 lm/W	2313-3-3-523-XX	2313-3-4-523-XX
	3000 K	2880 lm	2800 lm	25 W	28 W	100 lm/W	2313-3-3-897-XX	2313-3-4-897-XX
	4000 K	3090 lm	3010 lm	25 W	28 W	107 lm/W	2313-3-3-898-XX	2313-3-4-898-XX
12°	2700 K	2880 lm	2800 lm	25 W	28 W	100 lm/W	2313-5-3-523-XX	2313-5-4-523-XX
	3000 K	2880 lm	2800 lm	25 W	28 W	100 lm/W	2313-5-3-897-XX	2313-5-4-897-XX
	4000 K	3090 lm	3000 lm	25 W	28 W	107 lm/W	2313-5-3-898-XX	2313-5-4-898-XX
25°	2700 K	2880 lm	2780 lm	25 W	28 W	99 lm/W	2313-6-3-523-XX	2313-6-4-523-XX
	3000 K	2880 lm	2780 lm	25 W	28 W	99 lm/W	2313-6-3-897-XX	2313-6-4-897-XX
	4000 K	3090 lm	2980 lm	25 W	28 W	106 lm/W	2313-6-3-898-XX	2313-6-4-898-XX
46°	2700 K	2880 lm	2740 lm	25 W	28 W	98 lm/W	2313-7-3-523-XX	2313-7-4-523-XX
	3000 K	2880 lm	2740 lm	25 W	28 W	98 lm/W	2313-7-3-897-XX	2313-7-4-897-XX
	4000 K	3090 lm	2940 lm	25 W	28 W	105 lm/W	2313-7-3-898-XX	2313-7-4-898-XX

*for DALI option please consult your sales representative

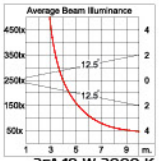
Light Distribution



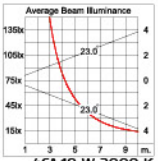
Elliptical 18 W 3000 K



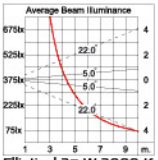
12° 18 W 3000 K



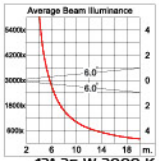
25° 18 W 3000 K



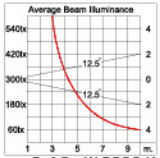
46° 18 W 3000 K



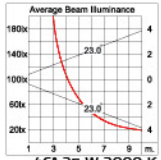
Elliptical 25 W 3000 K



12° 25 W 3000 K



25° 25 W 3000 K



46° 25 W 3000 K

Unilamp

ATHLON Optic Surface Washer / Road Optic

IP65 IK 08 07

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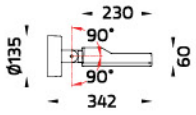
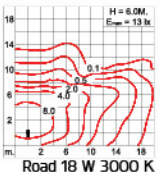


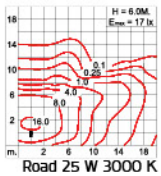
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
Road	2700 K	2160 lm	1650	18 W	20 W	82 lm/W	2314-9-3-524-XX	-
	3000 K	2160 lm	1650	18 W	20 W	82 lm/W	2314-9-3-867-XX	-
	4000 K	2310 lm	1760	18 W	20 W	88 lm/W	2314-9-3-868-XX	-
Road	2700 K	2880 lm	2200	25 W	28 W	78 lm/W	2314-9-3-523-XX	2314-9-4-523-XX
	3000 K	2880 lm	2200	25 W	28 W	78 lm/W	2314-9-3-897-XX	2314-9-4-897-XX
	4000 K	3090 lm	2360	25 W	28 W	84 lm/W	2314-9-3-898-XX	2314-9-4-898-XX

*for DALI option please consult your sales representative

Light Distribution



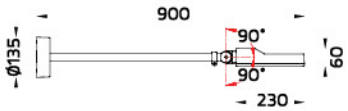
Road 18 W 3000 K



Road 25 W 3000 K

ATHLON Arm / Asymmetric

IP65 IK 08 07

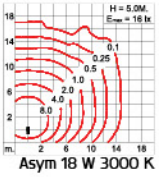


A++ A+

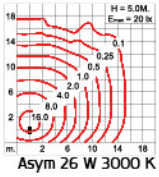
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
Asym	3000 K	1930 lm	1500 lm	18 W	20 W	75 lm/W	2315-1-3-865-XX	-
	4000 K	2230 lm	1700 lm	18 W	20 W	85 lm/W	2315-1-3-866-XX	-
Asym	3000 K	2350 lm	1830 lm	26 W	29 W	63 lm/W	2315-1-3-857-XX	2315-1-4-857-XX
	4000 K	2990 lm	2220 lm	26 W	29 W	76 lm/W	2315-1-3-858-XX	2315-1-4-858-XX

*for DALI option please consult your sales representative

Light Distribution



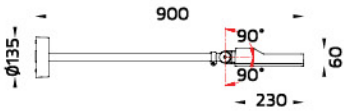
Asym 18 W 3000 K



Asym 26 W 3000 K

ATHLON Arm / Bi-Symmetric

IP65 IK 08/07

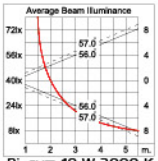


A++ A+

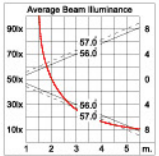
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
Bi-Sym	3000 K	1930 lm	1650 lm	18 W	20 W	82 lm/W	2316-7-3-865-XX	-
	4000 K	2230 lm	1760 lm	18 W	20 W	88 lm/W	2316-7-3-866-XX	-
Bi-Sym	3000 K	2350 lm	2010 lm	26 W	29 W	69 lm/W	2316-7-3-857-XX	2316-7-4-857-XX
	4000 K	2990 lm	2440 lm	26 W	29 W	84 lm/W	2316-7-3-858-XX	2316-7-4-858-XX

*for DALI option please consult your sales representative

Light Distribution



Bi-sym 18 W 3000 K

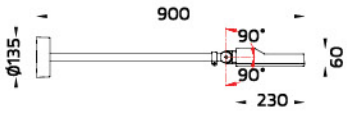


Bi-sym 26 W 3000 K

Unilamp

ATHLON Optic Arm / Asymmetric

IP65 IK 08/07



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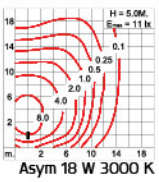
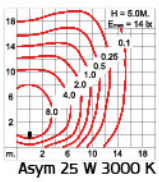
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
Asym	2700 K	2160 lm	1670 lm	18 W	20 W	83 lm/W	2317-1-3-524-XX	-
	3000 K	2160 lm	1670 lm	18 W	20 W	83 lm/W	2317-1-3-867-XX	-
	4000 K	2310 lm	1780 lm	18 W	20 W	89 lm/W	2317-1-3-868-XX	-
Asym	2700 K	2880 lm	2220 lm	25 W	28 W	79 lm/W	2317-1-3-523-XX	2317-1-4-523-XX
	3000 K	2880 lm	2220 lm	25 W	28 W	79 lm/W	2317-1-3-897-XX	2317-1-4-897-XX
	4000 K	3090 lm	2380 lm	25 W	28 W	85 lm/W	2317-1-3-898-XX	2317-1-4-898-XX

*for DALI option please consult your sales representative

Light Distribution



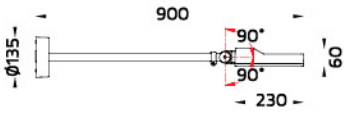
Asym 18 W 3000 K



Asym 25 W 3000 K

ATHLON Optic Arm / Symmetric

IP65 IK 08 07



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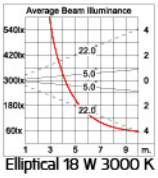
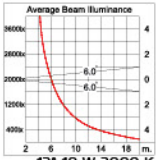
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
Elliptical	2700 K	2160 lm	2100 lm	18 W	20 W	105 lm/W	2318-3-3-524-XX	-
	3000 K	2160 lm	2100 lm	18 W	20 W	105 lm/W	2318-3-3-867-XX	-
	4000 K	2310 lm	2250 lm	18 W	20 W	112 lm/W	2318-3-3-868-XX	-
12°	2700 K	2160 lm	2100 lm	18 W	20 W	120 lm/W	2318-5-3-524-XX	-
	3000 K	2160 lm	2100 lm	18 W	20 W	120 lm/W	2318-5-3-867-XX	-
	4000 K	2310 lm	2250 lm	18 W	20 W	129 lm/W	2318-5-3-868-XX	-
25°	2700 K	2160 lm	2080 lm	18 W	20 W	105 lm/W	2318-6-3-524-XX	-
	3000 K	2160 lm	2080 lm	18 W	20 W	105 lm/W	2318-6-3-867-XX	-
	4000 K	2310 lm	2230 lm	18 W	20 W	112 lm/W	2318-6-3-868-XX	-
46°	2700 K	2160 lm	2050 lm	18 W	20 W	102 lm/W	2318-7-3-524-XX	-
	3000 K	2160 lm	2050 lm	18 W	20 W	102 lm/W	2318-7-3-867-XX	-
	4000 K	2310 lm	2200 lm	18 W	20 W	110 lm/W	2318-7-3-868-XX	-
Elliptical	2700 K	2880 lm	2800 lm	25 W	28 W	100 lm/W	2318-3-3-523-XX	2318-3-4-523-XX
	3000 K	2880 lm	2800 lm	25 W	28 W	100 lm/W	2318-3-3-897-XX	2318-3-4-897-XX
	4000 K	3090 lm	3010 lm	25 W	28 W	107 lm/W	2318-3-3-898-XX	2318-3-4-898-XX
12°	2700 K	2880 lm	2800 lm	25 W	28 W	100 lm/W	2318-5-3-523-XX	2318-5-4-523-XX
	3000 K	2880 lm	2800 lm	25 W	28 W	100 lm/W	2318-5-3-897-XX	2318-5-4-897-XX
	4000 K	3090 lm	3000 lm	25 W	28 W	107 lm/W	2318-5-3-898-XX	2318-5-4-898-XX
25°	2700 K	2880 lm	2780 lm	25 W	28 W	99 lm/W	2318-6-3-523-XX	2318-6-4-523-XX
	3000 K	2880 lm	2780 lm	25 W	28 W	99 lm/W	2318-6-3-897-XX	2318-6-4-897-XX
	4000 K	3090 lm	2980 lm	25 W	28 W	106 lm/W	2318-6-3-898-XX	2318-6-4-898-XX
46°	2700 K	2880 lm	2740 lm	25 W	28 W	98 lm/W	2318-7-3-523-XX	2318-7-4-523-XX
	3000 K	2880 lm	2740 lm	25 W	28 W	98 lm/W	2318-7-3-897-XX	2318-7-4-897-XX
	4000 K	3090 lm	2940 lm	25 W	28 W	105 lm/W	2318-7-3-898-XX	2318-7-4-898-XX

*for DALI option please consult your sales representative

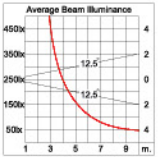
Light Distribution



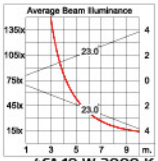
Elliptical 18 W 3000 K



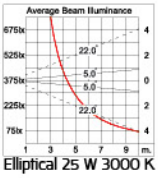
12° 18 W 3000 K



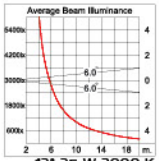
25° 18 W 3000 K



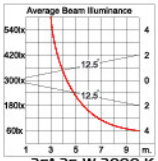
46° 18 W 3000 K



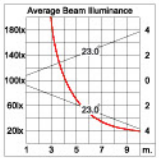
Elliptical 25 W 3000 K



12° 25 W 3000 K



25° 25 W 3000 K

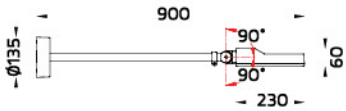


46° 25 W 3000 K

Unilamp

ATHLON Optic Arm / Road Optic

IP65 IK 08/07



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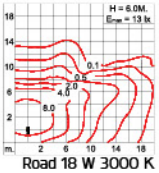
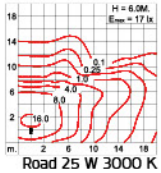
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
Road	2700 K	2160 lm	1650 lm	18 W	20 W	82 lm/W	2319-9-3-524-XX	-
	3000 K	2160 lm	1650 lm	18 W	20 W	82 lm/W	2319-9-3-867-XX	-
	4000 K	2310 lm	1760 lm	18 W	20 W	88 lm/W	2319-9-3-868-XX	-
Road	2700 K	2880 lm	2200 lm	25 W	28 W	78 lm/W	2319-9-3-523-XX	2319-9-4-523-XX
	3000 K	2880 lm	2200 lm	25 W	28 W	78 lm/W	2319-9-3-897-XX	2319-9-4-897-XX
	4000 K	3090 lm	2360 lm	25 W	28 W	84 lm/W	2319-9-3-898-XX	2319-9-4-898-XX

*for DALI option please consult your sales representative

Light Distribution



Road 18 W 3000 K

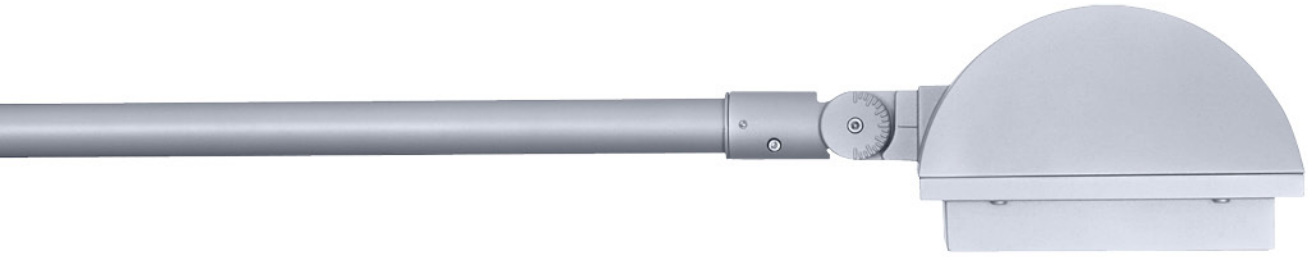


Road 25 W 3000 K

Unilamp

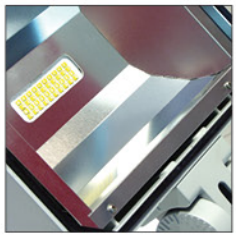
FIN

FIN



FIN is a series of floodlights with bi-symmetric light distribution. Fin is equipped with High Power LED module available in 3000K and 4000K with high CRI. The aluminium reflectors used in this luminaire are designed by high-end lighting engineering software. The graduated scale provides precise aiming of the luminaire. The range of accessories such as ground mount spike, tree strap and glare shield cap makes FIN a dynamic floodlight choice. FIN is suitable to light up small to medium sized objects or areas such as signage boards, ceiling, building facades, etc.

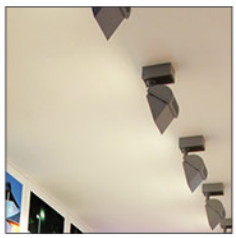
Heat dissipation fin on body.



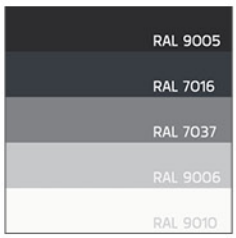
Computer aided design reflector.

Graduated scale for accurate aimming.

Install with Zhaga LED module.



Glare shield accessory.



Available in 5 colors.

FIN

Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium and Extruded Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- CNC formed reflector.
- GFR PA6.6 terminal block.
- Weather proof TPE grommet.
- Pre-wired with outdoor cable (Stand version).
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Accessories

Glass-Fiber Reinforced Polymer Earth Spike
Ordering code: 9-2000-00

Double Tree Strap for Big Base
Ordering code: 9-2002-00

Glare Shield Cap
Ordering code: 9-0107-XX

Anchor Bolt Kit
Ordering code: 9-2016-00

FIN LED

IP65 IK 08/07

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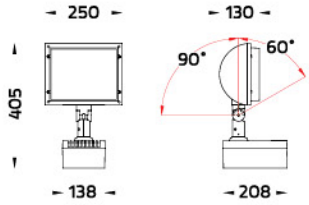
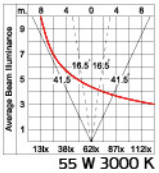


	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
Bi-Sym							*On-Off*	*1-10V*
	3000 K	6490 lm	5710 lm	55 W	59 W	96 lm/W	2302-7-3-929-XX	2302-7-4-929-XX
	4000 K	6950 lm	6110 lm	55 W	59 W	103 lm/W	2302-7-3-907-XX	2302-7-4-907-XX

*for DALI option please consult your sales representative

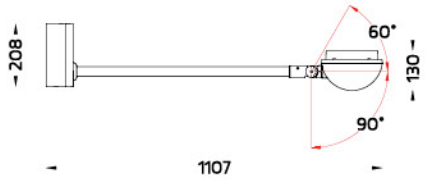
Light Distribution



55 W 3000 K

FIN Arm LED

IP65 IK 08/07



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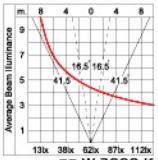
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
Bi-Sym							*On-Off*	*1-10V*
	3000 K	6490 lm	5710 lm	55 W	59 W	96 lm/W	2303-7-3-929-XX	2303-7-4-929-XX
	4000 K	6950 lm	6110 lm	55 W	59 W	103 lm/W	2303-7-3-907-XX	2303-7-4-907-XX

*for DALI option please consult your sales representative

Light Distribution



55 W 3000 K

Unilamp

FIN – Stand

IP65 IK 08/07

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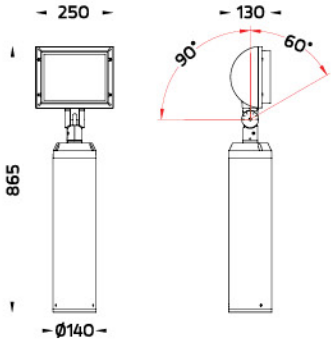
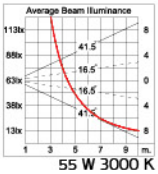


	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
Bi–Sym	3000 K	6490 lm	5710 lm	55 W	59 W	96 lm/W	5802–7–3–929–XX	5802–7–4–929–XX
	4000 K	6950 lm	6110 lm	55 W	59 W	103 lm/W	5802–7–3–907–XX	5802–7–4–907–XX

*for DALI option please consult your sales representative

Light Distribution



55 W 3000 K

Audi Centre Gold Coast
Audi

CANNON

CANNON

By its very name **CANNON** has a robust construction and is suitable in applications that require high lighting levels from medium to long distance. A wide range of mounting accessories including ground mount base, pole top mount, and wall/pole mount arm is available. This luminaire utilizes a high power COB LED in three steps SDCM. **CANNON** is available in two sizes with mid-narrow, mid-wide and very wide beam angle in 2700K, 3000K and 4000K. The pure aluminium reflector used is designed by high-end lighting engineering software. The integrated aiming scale allows the lighting designer to have confidence that the light distribution will be exact on any surface. **CANNON** is suitable to light up medium size to large size objects or areas such as billboards, building facades, public parks, pedestrian, statues and public landmarks.

CANNON

1. **Reflector**
   High efficiency anodize brightened CAD reflector.

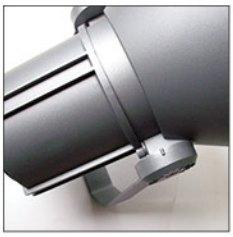
2. **Cover**
   Impact resistant tempered safety glass cover.

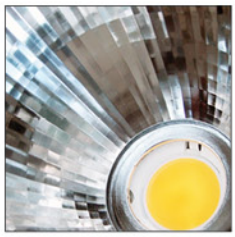
3. **Heat Sink**
   State of Art aluminium heat sink designed by flow simulation analysis software.

4. **Screws**
   Anti-fall off stainless steel screws to ease up installation work and maintenance.

5. **Aiming**
   Graduated scale with locking mechanism. Adjustable with Hexagon tool.

6. **Housing**
   Supplied with detachable connector for easy instal lation.


Robust high-pressure diecast aluminium housing.


Computer aided design reflector.

Graduated scale for accurate aiming.

Glare shield accessories.

Armor shield coating.

High performance LED module.

CANNON

Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- Anodized aluminium reflector.
- Adjustable optic.
- M20 cable gland.
- Installation work has to be carried on according to the enclosed installation manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Accessories

Galvanized Steel Pole
Ø114mm. with fuse
(see detail on page 720).

Galvanized Steel Pole
Ø114/140mm. with fuse
(see detail on page 721).

Anchor bolt kit for concrete foundation installing.
(see detail on page 720 & 721).

Glare Shield Cap
for CANNON 280
Ordering code: 8-0101-XX
for CANNON 360
Ordering code: 8-0102-XX

Mounting base for ground mounting
Ordering code: 9-0200-XX
For dimming interface (1-10V or DALI)
Ordering code:
0395-0-9-000-XX

Pole top mount adaptor – spigot size 76mm.
Ordering code: 9-0212-XX

Wall / Pole mounting arm
Ordering code: 9-0220-XX

Pole Clamp for CANNON 280, 360
Ordering code: 9-0221-XX

CANNON S280

IP66 IK 09/07

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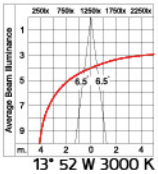
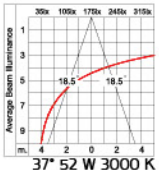
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
13°	2700 K	7110 lm	6380 lm	52 W	56 W	113 lm/W	1520-5-3-507-XX	-
	3000 K	7420 lm	6660 lm	52 W	56 W	118 lm/W	1520-5-3-903-XX	-
	4000 K	7610 lm	6830 lm	52 W	56 W	121 lm/W	1520-5-3-906-XX	-
37°	2700 K	7110 lm	5850 lm	52 W	56 W	104 lm/W	1520-7-3-507-XX	-
	3000 K	7420 lm	6110 lm	52 W	56 W	109 lm/W	1520-7-3-903-XX	-
	4000 K	7610 lm	6260 lm	52 W	56 W	111 lm/W	1520-7-3-906-XX	-

*for DALI option please consult your sales representative

Light Distribution



13° 52 W 3000 K



37° 52 W 3000 K

Unilamp

CANNON 280

IP66 IK 09/07

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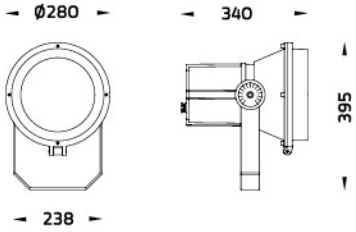
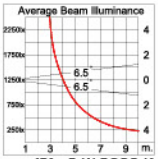


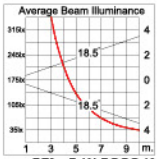
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
13°	2700 K	7110 lm	6380 lm	52 W	56 W	113 lm/W	2020-5-3-507-XX	2020-5-4-507-XX
	3000 K	7420 lm	6660 lm	52 W	56 W	118 lm/W	2020-5-3-903-XX	2020-5-4-903-XX
	4000 K	7610 lm	6830 lm	52 W	56 W	121 lm/W	2020-5-3-906-XX	2020-5-4-906-XX
37°	2700 K	7110 lm	5850 lm	52 W	56 W	104 lm/W	2020-7-3-507-XX	2020-7-4-507-XX
	3000 K	7420 lm	6110 lm	52 W	56 W	109 lm/W	2020-7-3-903-XX	2020-7-4-903-XX
	4000 K	7610 lm	6260 lm	52 W	56 W	111 lm/W	2020-7-3-906-XX	2020-7-4-906-XX

*for DALI option please consult your sales representative

Light Distribution



13° 52 W 3000 K



37° 52 W 3000 K

CANNON 360

IP66 IK 08/07

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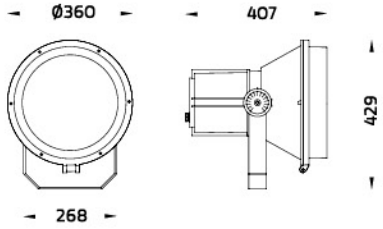
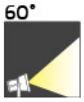
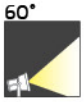
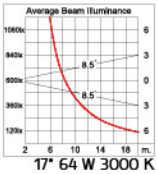


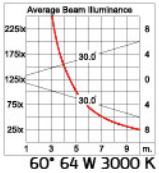
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
17°	2700 K	9200 lm	7460 lm	64 W	68 W	109 lm/W	2021-5-3-506-XX	-
	3000 K	9640 lm	7790 lm	64 W	68 W	114 lm/W	2021-5-3-887-XX	-
	4000 K	9880 lm	7990 lm	64 W	68 W	117 lm/W	2021-5-3-891-XX	-
60° 	2700 K	9200 lm	7170 lm	64 W	68 W	105 lm/W	2021-7-3-506-XX	-
	3000 K	9640 lm	7490 lm	64 W	68 W	110 lm/W	2021-7-3-887-XX	-
	4000 K	9880 lm	7680 lm	64 W	68 W	112 lm/W	2021-7-3-891-XX	-
17°	2700 K	12640 lm	10240 lm	92 W	96 W	106 lm/W	2021-5-3-505-XX	2021-5-4-505-XX
	3000 K	13200 lm	10690 lm	92 W	96 W	111 lm/W	2021-5-3-902-XX	2021-5-4-902-XX
	4000 K	13560 lm	10980 lm	92 W	96 W	114 lm/W	2021-5-3-905-XX	2021-5-4-905-XX
60° 	2700 K	12640 lm	9840	92 W	96 W	102 lm/W	2021-7-3-505-XX	2021-7-4-505-XX
	3000 K	13200 lm	10270	92 W	96 W	106 lm/W	2021-7-3-902-XX	2021-7-4-902-XX
	4000 K	13560 lm	10550	92 W	96 W	109 lm/W	2021-7-3-905-XX	2021-7-4-905-XX

*for DALI option please consult your sales representative

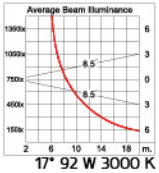
Light Distribution



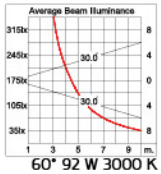
17° 64 W 3000 K



60° 64 W 3000 K



17° 92 W 3000 K



60° 92 W 3000 K

Unilamp

ATOM

ATOM

ATOM is a ground recess indicator light and is also suitable for under water light application. ATOM has been designed and manufactured at highest attribute. Utilizing CNC lathed stainless steel body presented exceptional aesthetic as well as sleek tough feeling. LED chips and lenses are from world renowned manufacturers. GFR polymer recess kit allows it to be installed in most extreme environment. Ensuring integrity of manufacture ATOM is supplied with a factory fitted pre-wired cable for ease of installation. The Anti-Humidity kit eliminate condensation inside the housing and prolong the life time of the luminaire. An optional IP68 connectors is recommended as an accessory for trouble free installation.

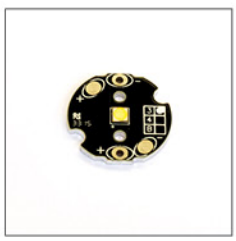
Precise CNC lathed stainless steel body.

Compact size.

Pre-wired with cable from the factory.

Safety tempered glass cover.

Supplied with anti-humidity kit.



High quality Led.

Housing for under water application.

ATOM

Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-1, IEC 60598-2-13, IEC 60598-2-18 and VDE regulations.
- Marine grade 316 stainless steel body and screws.
- GFR polymer recess housing.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality module.
- Remote driver – constant current / constant voltage.
- M12 cable gland.
- Pre-wired with outdoor cable.
- Installation work has to be carried on according to the enclosed product manual.
- For ground recess application, the water drainage system must be tested to ensure that it is working sufficiency and efficiency.

Accessories

LED Constant Current Driver 350mA 3W. In IP67 GFR Polymer Box
Ordering code: 9-0502-01

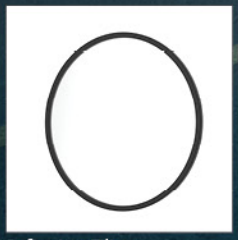
Gel-Filled IP68 Connector Cable Diameter 4.8 – 6mm.
Ordering code: 9-0906-00

IP68 "Series-Wiring LED" Distribution Box for 1-3 Luminaires.
Ordering code: 9-0907-00

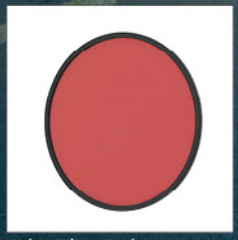
LED Constant Voltage Driver 12Vdc 30W.
Ordering code: 71118000

LED Constant Voltage Driver 12Vdc 10W. In IP67 GFR Polymer Box
Ordering code: 0276-0-9-000-01

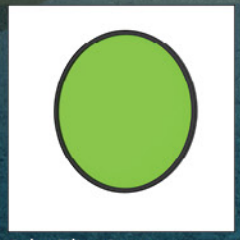
LED Constant Current Driver 700mA 3.5W. In IP67 GFR Polymer Box
Ordering code: 0397-0-9-000-01



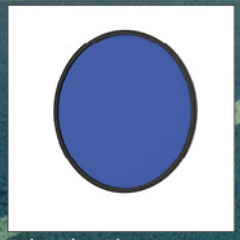
Softening Filter
Ordering code: 0288-0-9-000-00



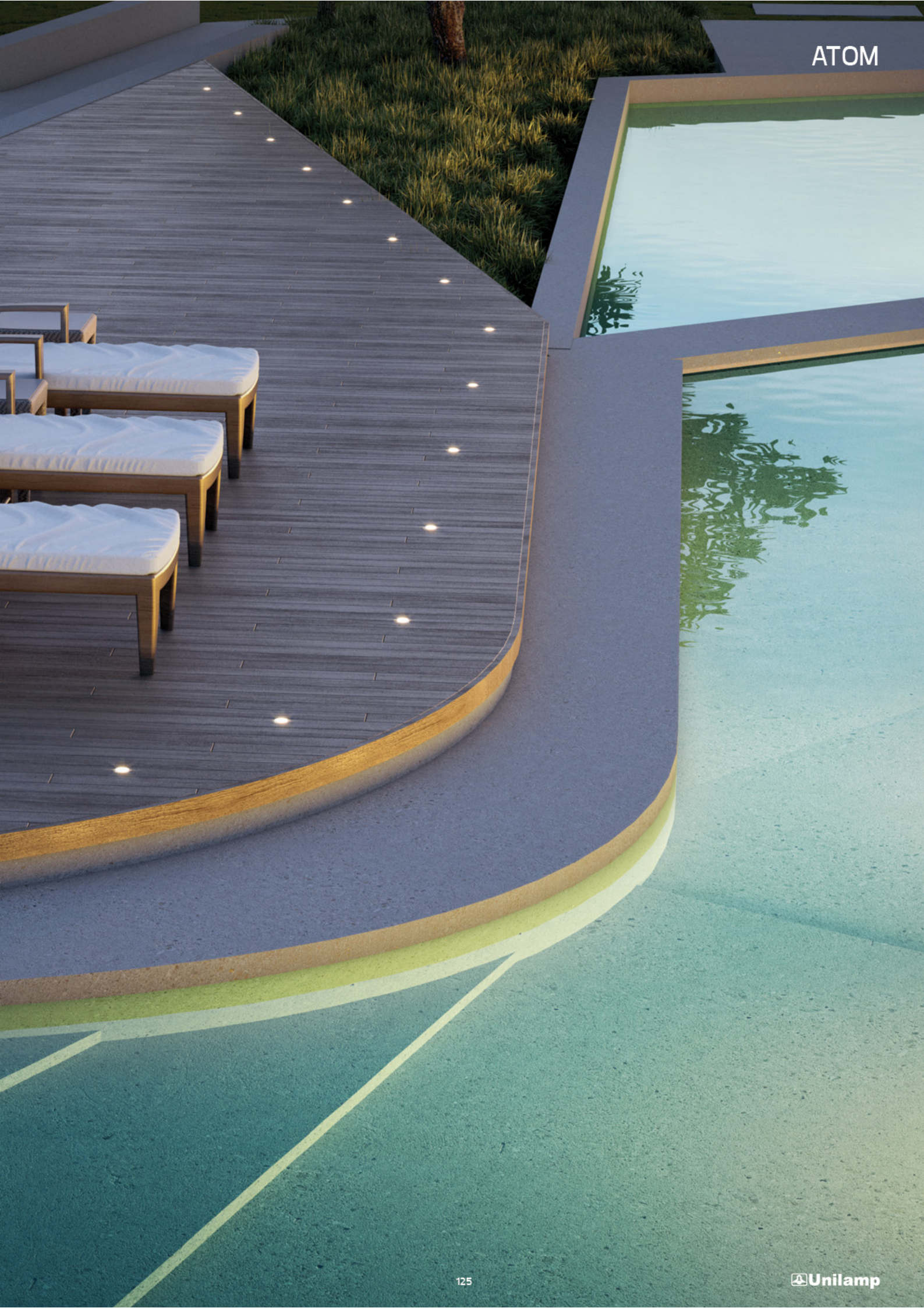
Color Filter Red
Ordering code: 0289-0-9-000-81



Color Filter Green
Ordering code: 0289-0-9-000-83



Color Filter Blue
Ordering code: 0289-0-9-000-84



ATOM – CC Spotlight

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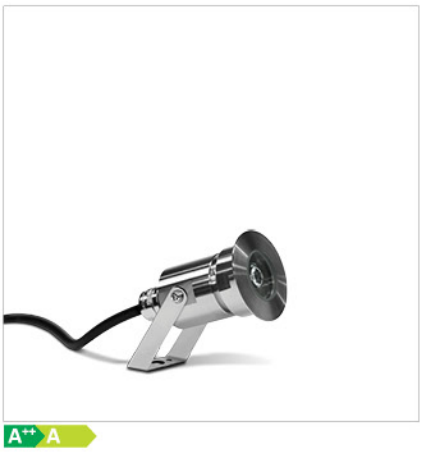
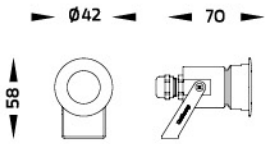
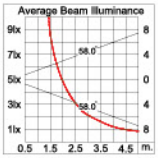




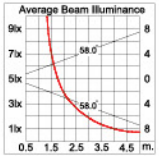
A++ A

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
Frosted	2700 K	240 lm	55 lm	2 W[700mA]	3.4 W	16 lm/W	5980-0-2-525-91	–
	3000 K	240 lm	55 lm	2 W[700mA]	3.4 W	16 lm/W	5980-0-2-989-91	–
	4000 K	250 lm	55 lm	2 W[700mA]	3.4 W	16 lm/W	5980-0-2-899-91	–
Frosted	Blue	59 lm	8 lm	2.3 W[700mA]	3.3 W	2 lm/W	5980-0-2-992-91	–
	Green	158 lm	23 lm	2.3 W[700mA]	3.3 W	7 lm/W	5980-0-2-993-91	–
	Red	79 lm	8 lm	2.6 W[700mA]	3.3 W	2 lm/W	5980-0-2-994-91	–
41°/23°	2700 K	240 lm	140 lm	2 W[700mA]	3.4 W	41 lm/W	5980-3-2-525-91	–
	3000 K	240 lm	160 lm	2 W[700mA]	3.4 W	47 lm/W	5980-3-2-989-91	–
	4000 K	250 lm	160 lm	2 W[700mA]	3.4 W	47 lm/W	5980-3-2-899-91	–
19°	2700 K	240 lm	160 lm	2 W[700mA]	3.4 W	47 lm/W	5980-5-2-525-91	–
	3000 K	240 lm	180 lm	2 W[700mA]	3.4 W	52 lm/W	5980-5-2-989-91	–
	4000 K	250 lm	180 lm	2 W[700mA]	3.4 W	52 lm/W	5980-5-2-899-91	–
30°	2700 K	240 lm	160 lm	2 W[700mA]	3.4 W	47 lm/W	5980-6-2-525-91	–
	3000 K	240 lm	180 lm	2 W[700mA]	3.4 W	52 lm/W	5980-6-2-989-91	–
	4000 K	250 lm	180 lm	2 W[700mA]	3.4 W	52 lm/W	5980-6-2-899-91	–
42°	2700 K	240 lm	160 lm	2 W[700mA]	3.4 W	47 lm/W	5980-7-2-525-91	–
	3000 K	240 lm	180 lm	2 W[700mA]	3.4 W	52 lm/W	5980-7-2-989-91	–
	4000 K	250 lm	180 lm	2 W[700mA]	3.4 W	52 lm/W	5980-7-2-899-91	–

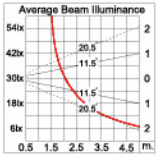
Light Distribution



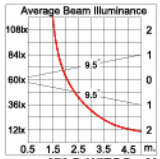
2 W[700mA] 3000 K



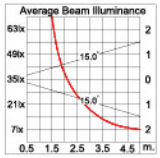
2.3 W[700mA] Green



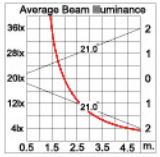
41°/23° 2 W[700mA] 3000 K



19° 2 W[700mA] 3000 K



30° 2 W[700mA] 3000 K



42° 2 W[700mA] 3000 K

ATOM – CV Spotlight

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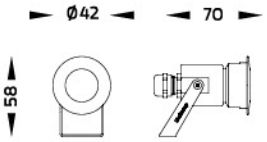
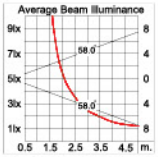


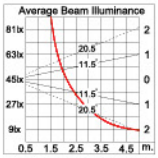
A++

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
Frosted	2700 K	330 lm	90 lm	3.1 W[12Vdc]	5.6 W	16 lm/W	5981-0-2-525-91	–
	3000 K	330 lm	90 lm	3.1 W[12Vdc]	5.6 W	16 lm/W	5981-0-2-989-91	–
	4000 K	360 lm	90 lm	3.1 W[12Vdc]	5.6 W	16 lm/W	5981-0-2-899-91	–
41°/23°	2700 K	330 lm	230 lm	3.1 W[12Vdc]	5.6 W	41 lm/W	5981-3-2-525-91	–
	3000 K	330 lm	230 lm	3.1 W[12Vdc]	5.6 W	41 lm/W	5981-3-2-989-91	–
	4000 K	360 lm	230 lm	3.1 W[12Vdc]	5.6 W	41 lm/W	5981-3-2-899-91	–
19°	2700 K	330 lm	270 lm	3.1 W[12Vdc]	5.6 W	48 lm/W	5981-5-2-525-91	–
	3000 K	330 lm	270 lm	3.1 W[12Vdc]	5.6 W	48 lm/W	5981-5-2-989-91	–
	4000 K	360 lm	270 lm	3.1 W[12Vdc]	5.6 W	48 lm/W	5981-5-2-899-91	–
30°	2700 K	330 lm	270 lm	3.1 W[12Vdc]	5.6 W	48 lm/W	5981-6-2-525-91	–
	3000 K	330 lm	270 lm	3.1 W[12Vdc]	5.6 W	48 lm/W	5981-6-2-989-91	–
	4000 K	360 lm	270 lm	3.1 W[12Vdc]	5.6 W	48 lm/W	5981-6-2-899-91	–
42°	2700 K	330 lm	270 lm	3.1 W[12Vdc]	5.6 W	48 lm/W	5981-7-2-525-91	–
	3000 K	330 lm	270 lm	3.1 W[12Vdc]	5.6 W	48 lm/W	5981-7-2-989-91	–
	4000 K	360 lm	270 lm	3.1 W[12Vdc]	5.6 W	48 lm/W	5981-7-2-899-91	–

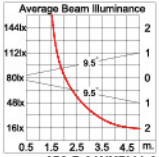
Light Distribution



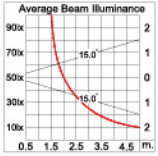
3.1 W[12Vdc] 3000 K



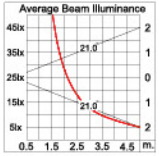
41°/23° 3.1 W[12Vdc] 3000 K



19° 3.1 W[12Vdc] 3000 K



30° 3.1 W[12Vdc] 3000 K

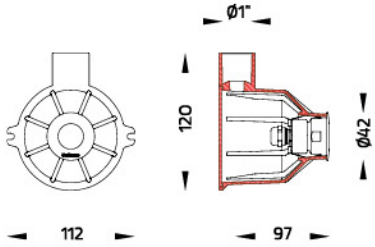


42° 3.1 W[12Vdc] 3000 K

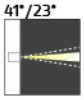
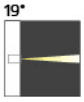
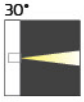
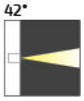
Unilamp

ATOM – CC Wall Recess Under Water

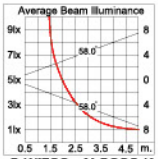
IP68 IK 10/07



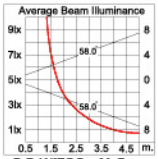
A++ A

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
Frosted	2700 K	240 lm	55 lm	2 W[700mA]	3.4 W	16 lm/W	7481–0–2–525–91	–
	3000 K	240 lm	55 lm	2 W[700mA]	3.4 W	16 lm/W	7481–0–2–989–91	–
	4000 K	250 lm	55 lm	2 W[700mA]	3.4 W	16 lm/W	7481–0–2–899–91	–
Frosted	Blue	59 lm	8 lm	2.3 W[700mA]	3.3 W	2 lm/W	7481–0–2–992–91	–
	Green	158 lm	23 lm	2.3 W[700mA]	3.3 W	7 lm/W	7481–0–2–993–91	–
	Red	79 lm	8 lm	2.6 W[700mA]	3.3 W	2 lm/W	7481–0–2–994–91	–
41°/23° 	2700 K	240 lm	140 lm	2 W[700mA]	3.4 W	41 lm/W	7481–3–2–525–91	–
	3000 K	240 lm	160 lm	2 W[700mA]	3.4 W	47 lm/W	7481–3–2–989–91	–
	4000 K	250 lm	160 lm	2 W[700mA]	3.4 W	47 lm/W	7481–3–2–899–91	–
19° 	2700 K	240 lm	160 lm	2 W[700mA]	3.4 W	47 lm/W	7481–5–2–525–91	–
	3000 K	240 lm	180 lm	2 W[700mA]	3.4 W	52 lm/W	7481–5–2–989–91	–
	4000 K	250 lm	180 lm	2 W[700mA]	3.4 W	52 lm/W	7481–5–2–899–91	–
30° 	2700 K	240 lm	160 lm	2 W[700mA]	3.4 W	47 lm/W	7481–6–2–525–91	–
	3000 K	240 lm	180 lm	2 W[700mA]	3.4 W	52 lm/W	7481–6–2–989–91	–
	4000 K	250 lm	180 lm	2 W[700mA]	3.4 W	52 lm/W	7481–6–2–899–91	–
42° 	2700 K	240 lm	160 lm	2 W[700mA]	3.4 W	47 lm/W	7481–7–2–525–91	–
	3000 K	240 lm	180 lm	2 W[700mA]	3.4 W	52 lm/W	7481–7–2–989–91	–
	4000 K	250 lm	180 lm	2 W[700mA]	3.4 W	52 lm/W	7481–7–2–899–91	–

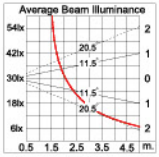
Light Distribution



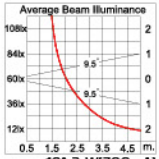
2 W[700mA] 3000 K



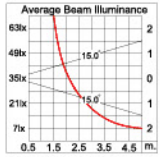
2.3 W[700mA] Green



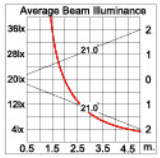
41°/23° 2 W[700mA] 3000 K



19° 2 W[700mA] 3000 K



30° 2 W[700mA] 3000 K



42° 2 W[700mA] 3000 K

ATOM – CV Wall Recess Under Water

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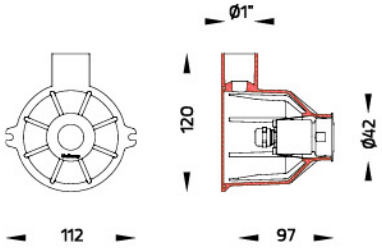
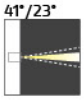
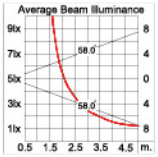


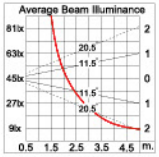
A++

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
Frosted	2700 K	330 lm	90 lm	3.1 W[12Vdc]	5.6 W	16 lm/W	7480-0-2-525-91	–
	3000 K	330 lm	90 lm	3.1 W[12Vdc]	5.6 W	16 lm/W	7480-0-2-989-91	–
	4000 K	360 lm	90 lm	3.1 W[12Vdc]	5.6 W	16 lm/W	7480-0-2-899-91	–
41°/23° 	2700 K	330 lm	230 lm	3.1 W[12Vdc]	5.6 W	41 lm/W	7480-3-2-525-91	–
	3000 K	330 lm	230 lm	3.1 W[12Vdc]	5.6 W	41 lm/W	7480-3-2-989-91	–
	4000 K	360 lm	230 lm	3.1 W[12Vdc]	5.6 W	41 lm/W	7480-3-2-899-91	–
19°	2700 K	330 lm	270 lm	3.1 W[12Vdc]	5.6 W	48 lm/W	7480-5-2-525-91	–
	3000 K	330 lm	270 lm	3.1 W[12Vdc]	5.6 W	48 lm/W	7480-5-2-989-91	–
	4000 K	360 lm	270 lm	3.1 W[12Vdc]	5.6 W	48 lm/W	7480-5-2-899-91	–
30°	2700 K	330 lm	270 lm	3.1 W[12Vdc]	5.6 W	48 lm/W	7480-6-2-525-91	–
	3000 K	330 lm	270 lm	3.1 W[12Vdc]	5.6 W	48 lm/W	7480-6-2-989-91	–
	4000 K	360 lm	270 lm	3.1 W[12Vdc]	5.6 W	48 lm/W	7480-6-2-899-91	–
42°	2700 K	330 lm	270 lm	3.1 W[12Vdc]	5.6 W	48 lm/W	7480-7-2-525-91	–
	3000 K	330 lm	270 lm	3.1 W[12Vdc]	5.6 W	48 lm/W	7480-7-2-989-91	–
	4000 K	360 lm	270 lm	3.1 W[12Vdc]	5.6 W	48 lm/W	7480-7-2-899-91	–

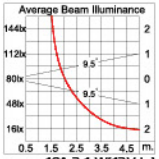
Light Distribution



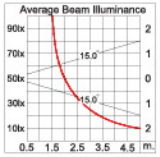
3.1 W[12Vdc] 3000 K



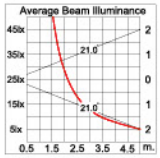
41°/23° 3.1 W[12Vdc] 3000 K



19° 3.1 W[12Vdc] 3000 K



30° 3.1 W[12Vdc] 3000 K



42° 3.1 W[12Vdc] 3000 K

Unilamp

ATOM – CC Ground / Concrete Wall Recess

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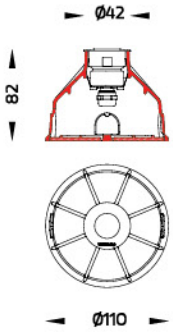
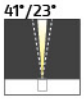
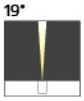
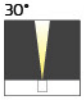
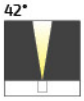
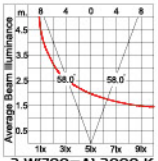


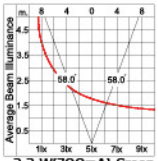
A++ A

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
Frosted	2700 K	240 lm	55 lm	2 W[700mA]	3.4 W	16 lm/W	9090-0-2-525-91	-
	3000 K	240 lm	55 lm	2 W[700mA]	3.4 W	16 lm/W	9090-0-2-989-91	-
	4000 K	250 lm	55 lm	2 W[700mA]	3.4 W	16 lm/W	9090-0-2-899-91	-
Frosted	Blue	59 lm	8 lm	2.3 W[700mA]	3.3 W	2 lm/W	9090-0-2-992-91	-
	Green	158 lm	23 lm	2.3 W[700mA]	3.3 W	7 lm/W	9090-0-2-993-91	-
	Red	79 lm	8 lm	2.6 W[700mA]	3.3 W	2 lm/W	9090-0-2-994-91	-
41°/23° 	2700 K	240 lm	140 lm	2 W[700mA]	3.4 W	41 lm/W	9090-3-2-525-91	-
	3000 K	240 lm	160 lm	2 W[700mA]	3.4 W	47 lm/W	9090-3-2-989-91	-
	4000 K	250 lm	160 lm	2 W[700mA]	3.4 W	47 lm/W	9090-3-2-899-91	-
19° 	2700 K	240 lm	160 lm	2 W[700mA]	3.4 W	47 lm/W	9090-5-2-525-91	-
	3000 K	240 lm	180 lm	2 W[700mA]	3.4 W	52 lm/W	9090-5-2-989-91	-
	4000 K	250 lm	180 lm	2 W[700mA]	3.4 W	52 lm/W	9090-5-2-899-91	-
30° 	2700 K	240 lm	160 lm	2 W[700mA]	3.4 W	47 lm/W	9090-6-2-525-91	-
	3000 K	240 lm	180 lm	2 W[700mA]	3.4 W	52 lm/W	9090-6-2-989-91	-
	4000 K	250 lm	180 lm	2 W[700mA]	3.4 W	52 lm/W	9090-6-2-899-91	-
42° 	2700 K	240 lm	160 lm	2 W[700mA]	3.4 W	47 lm/W	9090-7-2-525-91	-
	3000 K	240 lm	180 lm	2 W[700mA]	3.4 W	52 lm/W	9090-7-2-989-91	-
	4000 K	250 lm	180 lm	2 W[700mA]	3.4 W	52 lm/W	9090-7-2-899-91	-

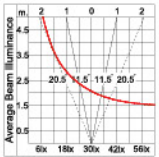
Light Distribution



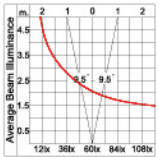
2 W[700mA] 3000 K



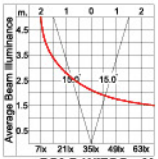
2.3 W[700mA] Green



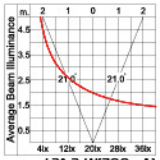
41°/23° 2 W[700mA] 3000 K



19° 2 W[700mA] 3000 K



30° 2 W[700mA] 3000 K



42° 2 W[700mA] 3000 K

ATOM – CV Ground / Concrete Wall Recess

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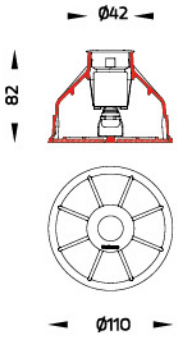

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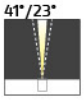
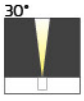
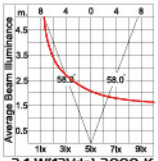
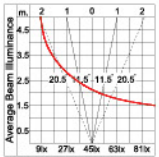
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
Frosted	2700 K	330 lm	90 lm	3.1 W[12Vdc]	5.6 W	16 lm/W	9080-0-2-525-91	–
	3000 K	330 lm	90 lm	3.1 W[12Vdc]	5.6 W	16 lm/W	9080-0-2-989-91	–
	4000 K	360 lm	90 lm	3.1 W[12Vdc]	5.6 W	16 lm/W	9080-0-2-899-91	–
41°/23° 	2700 K	330 lm	230 lm	3.1 W[12Vdc]	5.6 W	41 lm/W	9080-3-2-525-91	–
	3000 K	330 lm	230 lm	3.1 W[12Vdc]	5.6 W	41 lm/W	9080-3-2-989-91	–
	4000 K	360 lm	230 lm	3.1 W[12Vdc]	5.6 W	41 lm/W	9080-3-2-899-91	–
19°	2700 K	330 lm	270 lm	3.1 W[12Vdc]	5.6 W	48 lm/W	9080-5-2-525-91	–
	3000 K	330 lm	270 lm	3.1 W[12Vdc]	5.6 W	48 lm/W	9080-5-2-989-91	–
	4000 K	360 lm	270 lm	3.1 W[12Vdc]	5.6 W	48 lm/W	9080-5-2-899-91	–
30° 	2700 K	330 lm	270 lm	3.1 W[12Vdc]	5.6 W	48 lm/W	9080-6-2-525-91	–
	3000 K	330 lm	270 lm	3.1 W[12Vdc]	5.6 W	48 lm/W	9080-6-2-989-91	–
	4000 K	360 lm	270 lm	3.1 W[12Vdc]	5.6 W	48 lm/W	9080-6-2-899-91	–
42°	2700 K	330 lm	270 lm	3.1 W[12Vdc]	5.6 W	48 lm/W	9080-7-2-525-91	–
	3000 K	330 lzvvm	270 lm	3.1 W[12Vdc]	5.6 W	48 lm/W	9080-7-2-989-91	–
	4000 K	360 lm	270 lm	3.1 W[12Vdc]	5.6 W	48 lm/W	9080-7-2-899-91	–

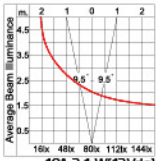
Light Distribution



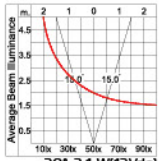
3.1 W[12Vdc] 3000 K



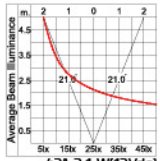
41°/23° 3.1 W[12Vdc] 3000 K



19° 3.1 W[12Vdc] 3000 K



30° 3.1 W[12Vdc] 3000 K



42° 3.1 W[12Vdc] 3000 K

Unilamp

ACQUA

ACQUA

A family of recessed and surface mounted under water luminaires which are commonly used to illuminate swimming pools, decorative pools and fountains. Accessories include several watertight connecting devices. ACQUA utilizes high power LED in 3000K or 4000K and high quality optical lenses offering narrow, medium and wide light distributions. To avoid installation issues and add another level of safety, ACQUA is pre-wired and is fitted with an anti condensation device. To avoid over-heating of the luminaire body, ACQUA must be operated in a submersible state at all time. The marine grade 316 stainless steel body guarantees corrosion free appearance through out the life time. We highly recommend that the luminaire lay out should be considered during specifying and planning processes. Installation work must be carried out under national safety regulations.

Precise loss-wax casing body.

Robust wall recess housing in GFR polymer.

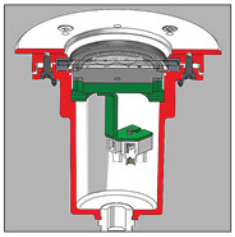
Safety tempered glass with post-cured silicone gasket.

Anti-condensation wiring.

Corrosion proof stainless steel.

Watertight connecting accessories.

Choices of beam angle.



Excellent heat dissipation design.

High quality LED.

LED version up to 1250 lumen output.

ACQUA

Specification

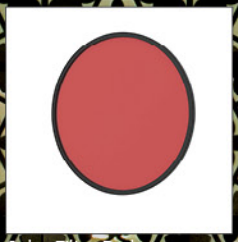
- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-18 and VDE regulations.
- Marine grade 316 stainless steel body and screws.
- GFR polymer recess housing.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module.
- Remote driver – constant current (available separately).
- M16 cable gland.
- Pre-wired with 2x1.5mm2 cable.
- Installation work has to be carried on according to the enclosed product manual.
- To avoid over-heating, this luminaire must be used under water only.

Accessories

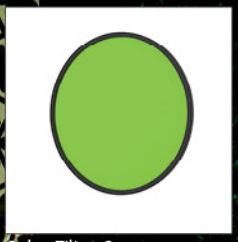
IP68 Water Tight Connection Device for Through Wiring
Ordering code: 9-0902-00

Gel-Filled IP68 Connector for Through Wiring Cable Diameter 6.5 - 12mm.
Ordering code: 9-0904-00

LED Constant Current Driver 700mA 1-20W. In IP67 GFR Polymer Box
Ordering code:
0274-0-9-000-01



Color Filter Red
Ordering code:
0293-0-9-000-81



Color Filter Green
Ordering code:
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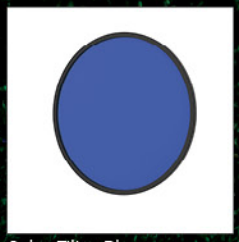

Color Filter Blue
Ordering code:
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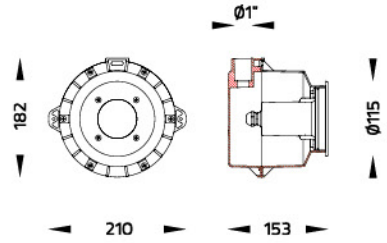
Softening Filter
Ordering code:
0292-0-9-000-00

ACQUA – Wall Recess

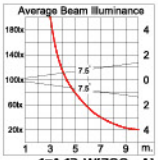
IP68 IK 10 06

A+

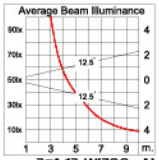


	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
15°	2700 K	1250 lm	900 lm	12 W[700mA]	16 W	56 lm/W	7405-0-2-509-92	-
	3000 K	1170 lm	850 lm	12 W[700mA]	16 W	53 lm/W	7405-0-2-909-92	-
	4000 K	1250 lm	900 lm	12 W[700mA]	16 W	56 lm/W	7405-0-2-912-92	-
25°	2700 K	1250 lm	900 lm	12 W[700mA]	16 W	56 lm/W	7405-0-2-510-92	-
	3000 K	1170 lm	850 lm	12 W[700mA]	16 W	53 lm/W	7405-0-2-910-92	-
	4000 K	1250 lm	900 lm	12 W[700mA]	16 W	56 lm/W	7405-0-2-913-92	-
38°	2700 K	1250 lm	870 lm	12 W[700mA]	16 W	54 lm/W	7405-0-2-519-92	-
	3000 K	1170 lm	820 lm	12 W[700mA]	16 W	51 lm/W	7405-0-2-911-92	-
	4000 K	1250 lm	870 lm	12 W[700mA]	16 W	54 lm/W	7405-0-2-914-92	-

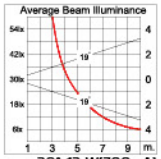
Light Distribution



15° 12 W[700mA]
3000 K



25° 12 W[700mA]
3000 K



38° 12 W[700mA]
3000 K

ACQUA – Wall / Ground Mount

IP68 IK 10/06

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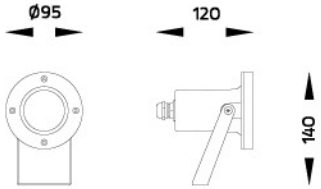
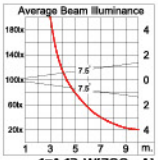
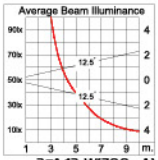


	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
15°	2700 K	1250 lm	900 lm	12 W(700mA)	16 W	56 lm/W	7406-0-2-509-92	–
	3000 K	1170 lm	850 lm	12 W(700mA)	16 W	53 lm/W	7406-0-2-909-92	–
	4000 K	1250 lm	900 lm	12 W(700mA)	16 W	56 lm/W	7406-0-2-912-92	–
25°	2700 K	1250 lm	900 lm	12 W(700mA)	16 W	56 lm/W	7406-0-2-510-92	–
	3000 K	1170 lm	850 lm	12 W(700mA)	16 W	53 lm/W	7406-0-2-910-92	–
	4000 K	1250 lm	900 lm	12 W(700mA)	16 W	56 lm/W	7406-0-2-913-92	–
38°	2700 K	1250 lm	870 lm	12 W(700mA)	16 W	54 lm/W	7406-0-2-519-92	–
	3000 K	1170 lm	820 lm	12 W(700mA)	16 W	51 lm/W	7406-0-2-911-92	–
	4000 K	1250 lm	870 lm	12 W(700mA)	16 W	54 lm/W	7406-0-2-914-92	–

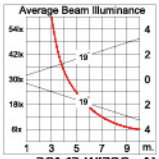
Light Distribution



15° 12 W(700mA) 3000 K



25° 12 W(700mA) 3000 K



38° 12 W(700mA) 3000 K

VAREE

VAREE

VAREE A family of LED underwater luminaires that are suitable to be installed recess in a concrete wall or surface mounted. Operating with high lumen output LED from 2700K, 3000K or 4000K with high CRI in 3 steps SDCM. **VAREE** is designed to illuminate swimming pools, decorative pools, fountains and any submersible application. A wide range of beam angles including Narrow, Medium, Wide and Elliptical beams as well as Asymmetric floor washer.

VAREE is pre-wired with underwater cable and is fitted with an anti condensation device. To avoid over-heating, **VAREE** is equipped with a thermal cut-off device thus the luminaire has to be submerged at all time. The marine grade 316 stainless steel material and advance polymer guarantees corrosion free appearance through out the life time. We highly recommend that the luminaire lay out should be considered during specifying and planning processes. Installation work must be carried out under national safety regulations.

Marine grade stainless steel cover.

Robust recess housing.

Durable silicone gasket.

IP68 factory sealed.

High quality Led module.

Various types of light distribution.

Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-18 and VDE regulations.
- Marine grade 316 stainless steel cover and screws.
- GFR polymer housing and recess housing.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module.
- Remote driver – 24V constant voltage (available separately).
- Molded lenses from world renowned manufacturer.
- M12 cable gland.
- Pre-wired with 2x1 mm^2 cable.
- Installation work has to be carried on according to the enclosed product manual.
- To avoid over-heating, this luminaire must be used under water only.

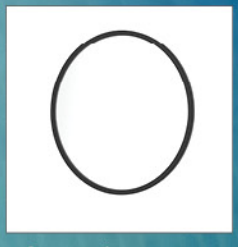
Accessories

IP68 Water Tight Connection Device for Through Wiring
Ordering code: 9-0902-00

Gel-Filled IP68 Connector for Through Wiring Cable Diameter 6.5 – 12mm.
Ordering code: 9-0904-00

LED Constant Voltage Driver 24Vdc 150W.
Ordering code: 72706000

LED Constant Voltage Driver 24Vdc 40W.
Ordering code: 72707000



Softening Filter
Ordering code:
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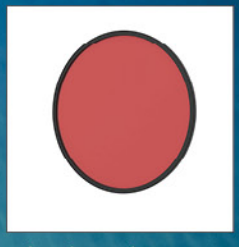
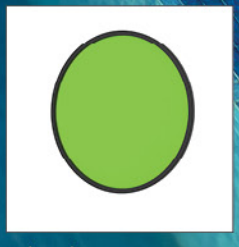


Color Filter Red
Ordering code:
0287-0-9-000-81



Color Filter Green
Ordering code:
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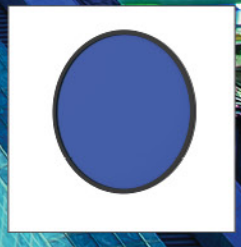
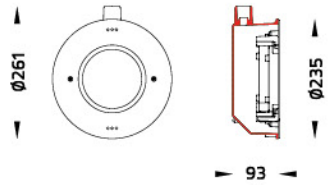


Color Filter Blue
Ordering code:
0287-0-9-000-84

VAREE – Wall Recess

IP68 IK 08 07



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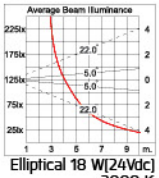
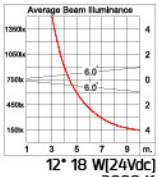
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
Elliptical	2700 K	2160 lm	1300 lm	18 W[24Vdc]	21 W	62 lm/W	7413-3-2-524-92	–
	3000 K	2160 lm	1300 lm	18 W[24Vdc]	21 W	62 lm/W	7413-3-2-867-92	–
	4000 K	2310 lm	1380 lm	18 W[24Vdc]	21 W	66 lm/W	7413-3-2-868-92	–
12°	2700 K	2160 lm	1480 lm	18 W[24Vdc]	21 W	70 lm/W	7413-5-2-524-92	–
	3000 K	2160 lm	1480 lm	18 W[24Vdc]	21 W	70 lm/W	7413-5-2-867-92	–
	4000 K	2310 lm	1580 lm	18 W[24Vdc]	21 W	75 lm/W	7413-5-2-868-92	–
25°	2700 K	2160 lm	1300 lm	18 W[24Vdc]	21 W	62 lm/W	7413-6-2-524-92	–
	3000 K	2160 lm	1300 lm	18 W[24Vdc]	21 W	62 lm/W	7413-6-2-867-92	–
	4000 K	2310 lm	1390 lm	18 W[24Vdc]	21 W	66 lm/W	7413-6-2-868-92	–
46°	2700 K	2160 lm	1260 lm	18 W[24Vdc]	21 W	61 lm/W	7413-7-2-524-92	–
	3000 K	2160 lm	1260 lm	18 W[24Vdc]	21 W	61 lm/W	7413-7-2-867-92	–
	4000 K	2310 lm	1350 lm	18 W[24Vdc]	21 W	65 lm/W	7413-7-2-868-92	–
Asym	2700 K	2160 lm	1250 lm	18 W[24Vdc]	21 W	59 lm/W	7413-9-2-524-92	–
	3000 K	2160 lm	1250 lm	18 W[24Vdc]	21 W	59 lm/W	7413-9-2-867-92	–
	4000 K	2310 lm	1330 lm	18 W[24Vdc]	21 W	63 lm/W	7413-9-2-868-92	–
Elliptical	2700 K	2880 lm	1730 lm	25 W[24Vdc]	28 W	62 lm/W	7413-3-2-523-92	–
	3000 K	2880 lm	1730 lm	25 W[24Vdc]	28 W	62 lm/W	7413-3-2-897-92	–
	4000 K	3090 lm	1850 lm	25 W[24Vdc]	28 W	66 lm/W	7413-3-2-898-92	–
12°	2700 K	2880 lm	1970 lm	25 W[24Vdc]	28 W	70 lm/W	7413-5-2-523-92	–
	3000 K	2880 lm	1970 lm	25 W[24Vdc]	28 W	70 lm/W	7413-5-2-897-92	–
	4000 K	3090 lm	2110 lm	25 W[24Vdc]	28 W	75 lm/W	7413-5-2-898-92	–
25°	2700 K	2880 lm	1740 lm	25 W[24Vdc]	28 W	62 lm/W	7413-6-2-523-92	–
	3000 K	2880 lm	1740 lm	25 W[24Vdc]	28 W	62 lm/W	7413-6-2-897-92	–
	4000 K	3090 lm	1860 lm	25 W[24Vdc]	28 W	67 lm/W	7413-6-2-898-92	–
46°	2700 K	2880 lm	1660 lm	25 W[24Vdc]	28 W	60 lm/W	7413-7-2-523-92	–
	3000 K	2880 lm	1660 lm	25 W[24Vdc]	28 W	60 lm/W	7413-7-2-897-92	–
	4000 K	3090 lm	1810 lm	25 W[24Vdc]	28 W	65 lm/W	7413-7-2-898-92	–
Asym	2700 K	2880 lm	1660 lm	25 W[24Vdc]	28 W	59 lm/W	7413-9-2-523-92	–
	3000 K	2880 lm	1660 lm	25 W[24Vdc]	28 W	59 lm/W	7413-9-2-897-92	–
	4000 K	3090 lm	1780 lm	25 W[24Vdc]	28 W	63 lm/W	7413-9-2-898-92	–

*for DALI option please consult your sales representative

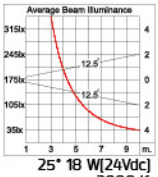
Light Distribution



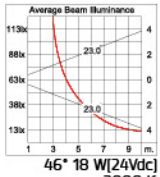
Elliptical 18 W[24Vdc] 3000 K



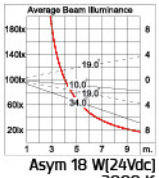
12° 18 W[24Vdc] 3000 K



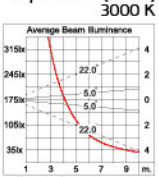
25° 18 W[24Vdc] 3000 K



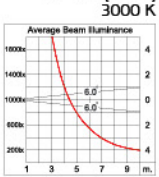
46° 18 W[24Vdc] 3000 K



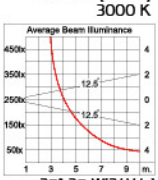
Asym 18 W[24Vdc] 3000 K



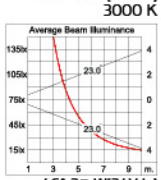
Elliptical 25 W[24Vdc] 3000 K



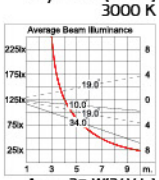
12° 25 W[24Vdc] 3000 K



25° 25 W[24Vdc] 3000 K



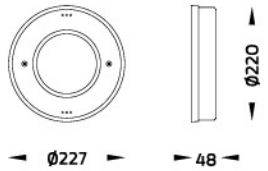
46° 25 W[24Vdc] 3000 K



Asym 25 W[24Vdc] 3000 K

VAREE Surface Mount

IP68 IK 08 07



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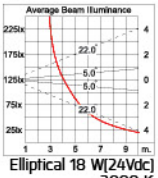
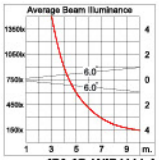
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
Elliptical	2700 K	2160 lm	1300 lm	18 W[24Vdc]	21 W	62 lm/W	7414-3-2-524-92	-
	3000 K	2160 lm	1300 lm	18 W[24Vdc]	21 W	62 lm/W	7414-3-2-867-92	-
	4000 K	2310 lm	1380 lm	18 W[24Vdc]	21 W	66 lm/W	7414-3-2-868-92	-
12°	2700 K	2160 lm	1480 lm	18 W[24Vdc]	21 W	70 lm/W	7414-5-2-524-92	-
	3000 K	2160 lm	1480 lm	18 W[24Vdc]	21 W	70 lm/W	7414-5-2-867-92	-
	4000 K	2310 lm	1580 lm	18 W[24Vdc]	21 W	75 lm/W	7414-5-2-868-92	-
25°	2700 K	2160 lm	1300 lm	18 W[24Vdc]	21 W	62 lm/W	7414-6-2-524-92	-
	3000 K	2160 lm	1300 lm	18 W[24Vdc]	21 W	62 lm/W	7414-6-2-867-92	-
	4000 K	2310 lm	1390 lm	18 W[24Vdc]	21 W	66 lm/W	7414-6-2-868-92	-
46°	2700 K	2160 lm	1260 lm	18 W[24Vdc]	21 W	61 lm/W	7414-7-2-524-92	-
	3000 K	2160 lm	1260 lm	18 W[24Vdc]	21 W	61 lm/W	7414-7-2-867-92	-
	4000 K	2310 lm	1350 lm	18 W[24Vdc]	21 W	65 lm/W	7414-7-2-868-92	-
Asym	2700 K	2160 lm	1250 lm	18 W[24Vdc]	21 W	59 lm/W	7414-9-2-524-92	-
	3000 K	2160 lm	1250 lm	18 W[24Vdc]	21 W	59 lm/W	7414-9-2-867-92	-
	4000 K	2310 lm	1330 lm	18 W[24Vdc]	21 W	63 lm/W	7414-9-2-868-92	-
Elliptical	2700 K	2880 lm	1730 lm	25 W[24Vdc]	28 W	62 lm/W	7414-3-2-523-92	-
	3000 K	2880 lm	1730 lm	25 W[24Vdc]	28 W	62 lm/W	7414-3-2-897-92	-
	4000 K	3090 lm	1850 lm	25 W[24Vdc]	28 W	66 lm/W	7414-3-2-898-92	-
12°	2700 K	2880 lm	1970 lm	25 W[24Vdc]	28 W	70 lm/W	7414-5-2-523-92	-
	3000 K	2880 lm	1970 lm	25 W[24Vdc]	28 W	70 lm/W	7414-5-2-897-92	-
	4000 K	3090 lm	2110 lm	25 W[24Vdc]	28 W	75 lm/W	7414-5-2-898-92	-
25°	2700 K	2880 lm	1740 lm	25 W[24Vdc]	28 W	62 lm/W	7414-6-2-523-92	-
	3000 K	2880 lm	1740 lm	25 W[24Vdc]	28 W	62 lm/W	7414-6-2-897-92	-
	4000 K	3090 lm	1860 lm	25 W[24Vdc]	28 W	67 lm/W	7414-6-2-898-92	-
46°	2700 K	2880 lm	1660 lm	25 W[24Vdc]	28 W	60 lm/W	7414-7-2-523-92	-
	3000 K	2880 lm	1660 lm	25 W[24Vdc]	28 W	60 lm/W	7414-7-2-897-92	-
	4000 K	3090 lm	1810 lm	25 W[24Vdc]	28 W	65 lm/W	7414-7-2-898-92	-
Asym	2700 K	2880 lm	1660 lm	25 W[24Vdc]	28 W	59 lm/W	7414-9-2-523-92	-
	3000 K	2880 lm	1660 lm	25 W[24Vdc]	28 W	59 lm/W	7414-9-2-897-92	-
	4000 K	3090 lm	1780 lm	25 W[24Vdc]	28 W	63 lm/W	7414-9-2-898-92	-

*for DALI option please consult your sales representative

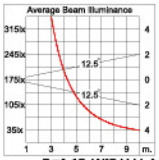
Light Distribution



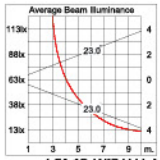
Elliptical 18 W[24Vdc] 3000 K



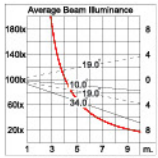
12° 18 W[24Vdc] 3000 K



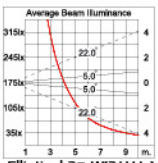
25° 18 W[24Vdc] 3000 K



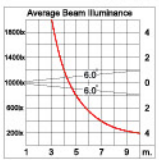
46° 18 W[24Vdc] 3000 K



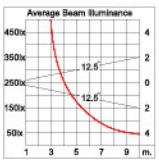
Asym 18 W[24Vdc] 3000 K



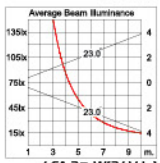
Elliptical 25 W[24Vdc] 3000 K



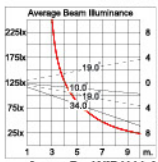
12° 25 W[24Vdc] 3000 K



25° 25 W[24Vdc] 3000 K

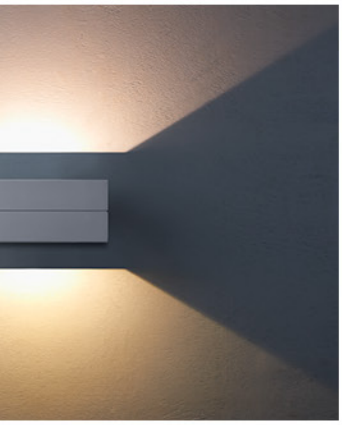


46° 25 W[24Vdc] 3000 K



Asym 25 W[24Vdc] 3000 K

Unilamp



ARGOS

ARGOS

Robust and rectangular in appearance, ARGOS offers a wide variety of lighting effects. This is a wall light with simple geometric shape, which suitable for facade application. It can illuminate both upward and downward or in single direction depending on the desired lighting scheme. Through out state of art engineering and precise manufacturing processes offer reliable dust and water ingress protection of the luminaires. The quality LED modules deliver brilliant color rendering with high color consistency while maintaining a high-value luminaire efficiency.

Precise construction encourages reliable IP rating.

Choices of light distribution patterns.

Optical Lens from Germany.

High quality LED driver.

High quality LED.

Armor shield coating.

1. **LED Module**
   High Power LED in SMD/COB technology.
   3000K and 4000K.
   CRI >80 / 3-Step MacAdam Ellipse.

2. **Safety Glass**
   Ultra white safety tempered glass cover.
   Protect against mechanical impact.
   Withstand the temperature up to 250°C

3. **Control Gear**
   High quality Constant Current driver.
   Conforms to safety and EMC regulation.

4. **Body Housing**
   Enhanced LM6 die-cast aluminium body.
   Low copper content (<0.1%)
   Uitilize 16 stages pre-treatment and coating process.

ARGOS

Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium housing.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- Optical glass lens.
- GFR PA6.6 terminal block.
- Weather proof grommet.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Mini ARGOS 1 – Wall DownLight

IP65 IK 09/07

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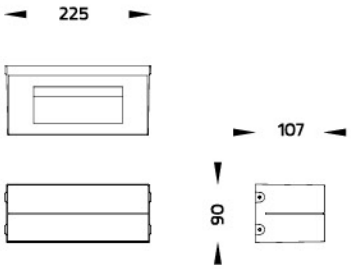
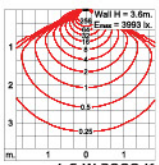
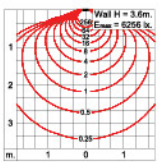


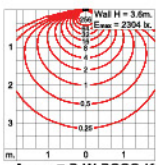
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	2700 K	510 lm	340	4.6 W	6.4 W	53 lm/W	5401-0-3-833-XX	-
	3000 K	530 lm	360	4.6 W	6.4 W	56 lm/W	5401-0-3-980-XX	-
	4000 K	550 lm	370	4.6 W	6.4 W	57 lm/W	5401-0-3-981-XX	-
Asym	3000 K	630 lm	410	5.2 W	7.1 W	57 lm/W	5401-0-3-921-XX	-
	4000 K	680 lm	440	5.2 W	7.1 W	61 lm/W	5401-0-3-922-XX	-
	3000 K	630 lm	410	5.2 W	7.1 W	57 lm/W	5401-9-3-921-XX	-
	4000 K	680 lm	440	5.2 W	7.1 W	61 lm/W	5401-9-3-922-XX	-
Asym	3000 K	1680 lm	1070 lm	14 W	16 W	66 lm/W	5401-0-3-829-XX	-
	4000 K	1790 lm	1150 lm	14 W	16 W	71 lm/W	5401-0-3-830-XX	-
	3000 K	1680 lm	950 lm	14 W	16 W	59 lm/W	5401-9-3-829-XX	-
	4000 K	1790 lm	1010 lm	14 W	16 W	63 lm/W	5401-9-3-830-XX	-

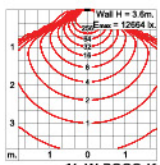
*for DALI driver please consult your sales representative

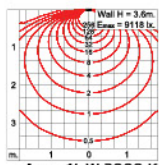
Light Distribution


4.6 W 3000 K


5.2 W 3000 K


Asym 5.2 W 3000 K


14 W 3000 K


Asym 14 W 3000 K

Mini ARGOS 2 – Wall Down Light with Blade Effect

IP65 IK 09/07

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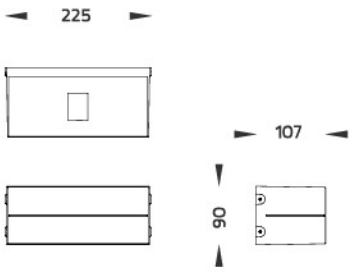
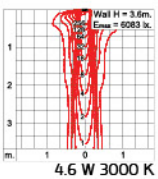


Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On–Off	*1–10V*
2700 K	510 lm	150 lm	4.6 W	6.4 W	23 lm/W	5403-0-3-833-XX	-
3000 K	530 lm	160 lm	4.6 W	6.4 W	25 lm/W	5403-0-3-980-XX	-
4000 K	550 lm	160 lm	4.6 W	6.4 W	25 lm/W	5403-0-3-981-XX	-

*for DALI driver please consult your sales representative

Light Distribution



4.6 W 3000 K

Mini ARGOS 3 – Wall Up/Downlight

IP65 IK 09/07

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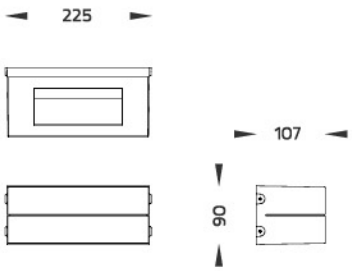
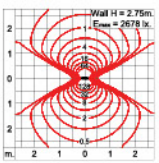


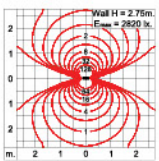
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	2700 K	2x510 lm	680 lm	2x4.6 W	14 W	48 lm/W	5405-0-3-833-XX	-
	3000 K	2x530 lm	720 lm	2x4.6 W	14 W	51 lm/W	5405-0-3-980-XX	-
	4000 K	2x550 lm	740 lm	2x4.6 W	14 W	52 lm/W	5405-0-3-981-XX	-
	3000 K	2x630 lm	820 lm	2x5.2 W	15 W	54 lm/W	5405-0-3-921-XX	-
	4000 K	2x680 lm	880 lm	2x5.2 W	15 W	58 lm/W	5405-0-3-922-XX	-
Asym								
	3000 K	2x630 lm	820 lm	2x5.2 W	15 W	54 lm/W	5405-9-3-921-XX	-
	4000 K	2x680 lm	880 lm	2x5.2 W	15 W	58 lm/W	5405-9-3-922-XX	-

*for DALI driver please consult your sales representative

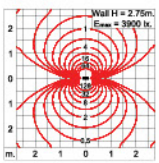
Light Distribution



2x4.6 W 3000 K



2x5.2 W 3000 K



Asym 2x5.2 W 3000 K

Unilamp

Mini ARGOS 4 – Wall Up/Down Light with Blade Effect

IP65 IK 09/07

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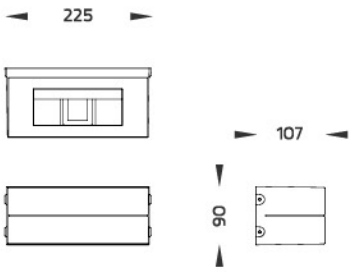
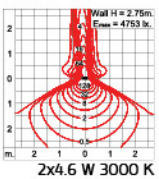


Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On–Off	*1–10V*
2700 K	2x510 lm	300 lm	2x4.6 W	14 W	21 lm/W	5407-0-3-833-XX	-
3000 K	2x530 lm	320 lm	2x4.6 W	14 W	22 lm/W	5407-0-3-980-XX	-
4000 K	2x550 lm	320 lm	2x4.6 W	14 W	22 lm/W	5407-0-3-981-XX	-

*for DALI driver please consult your sales representative

Light Distribution



2x4.6 W 3000 K

Mini ARGOS 5 – Wall Up/Down Light with Blade Effect

IP65 IK 09/07

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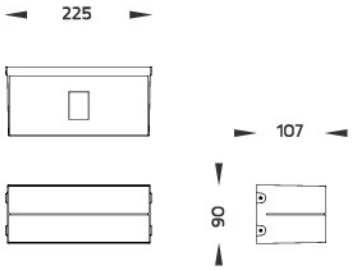
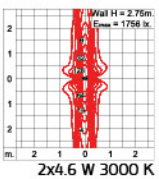


Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On–Off	*1–10V*
2700 K	2x510 lm	490 lm	2x4.6 W	14 W	35 lm/W	5409-0-3-833-XX	-
3000 K	2x530 lm	520 lm	2x4.6 W	14 W	37 lm/W	5409-0-3-980-XX	-
4000 K	2x550 lm	530 lm	2x4.6 W	14 W	37 lm/W	5409-0-3-981-XX	-

*for DALI driver please consult your sales representative

Light Distribution



2x4.6 W 3000 K

Unilamp

DADOS

DADOS

DADOS

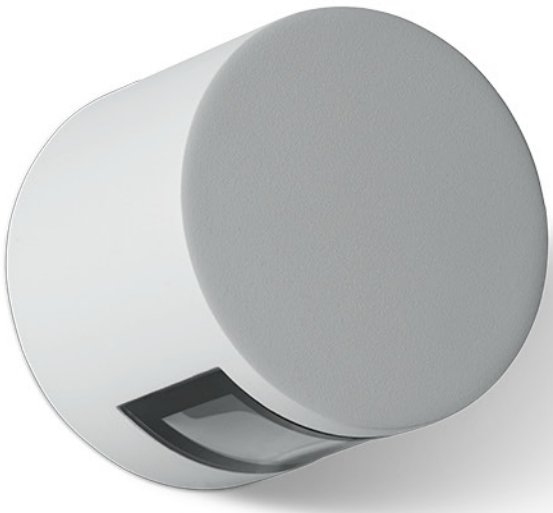
1. **Body Housing**
   Housing made from enhanced LM6 Die-Cast Alumnium with 16-step coating process including Nano Ceramic film. Low copper content <0.1%

2. **LED Module**
   COB Led directly attached to the body for fastest heat transfer. 2700K, 3000K and 4000K CRI>80 3-Step SDCM.

3. **Reflector**
   State of art high efficiency Computer-Aided design reflector.

4. **Driver**
   High quality LED constant current driver. Conform to applicable safety standards and electromagnetic compatibility.

5. **Easy to install**
   Just one screw to securely lock or unlock the luminaire. Thank to a hook-lock mechanism.



DADOS a cube-shaped and cylindrical-shaped compact LED wall light suitable for both outdoor and indoor environments. Due to the sturdy LM6 aluminium construction and clear tempered glass cover, **DADOS** is protected from dust and water and possible harmful impact. It is operated with COB LED in 2700K, 3000K and 4000K color temperature.

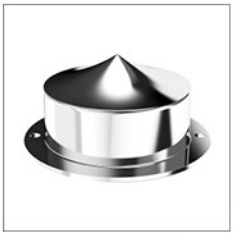
A precise Photopia-designed reflector casts the light in sharp contrast to the surrounding with zero amount of glare. **DADOS** provides visual guidance in the architectural environment while being an unobtrusive object during the day. Double layer surface coating is applied thoroughly on the housing therefore it is highly corrosion resistant to any extreme condition.

Clean cube-shaped design.

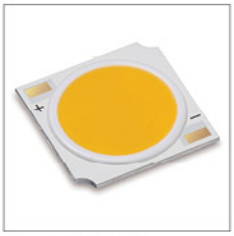
Glare free from mounted view angle.

Robust LM6 Aluminium construction.

Low energy consumption.



Precise optical design.



High quality LED.

Integrated driver.

Armor shield coating.

DADOS

Specification

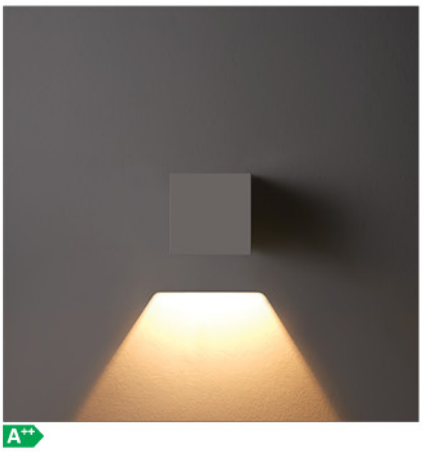
- Designed, Manufactured and tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- Injection vacuumed metalized reflector.
- Weather proof TPE grommet.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Mini DADOS Square 1 Wall Down Light

IP65 IK08



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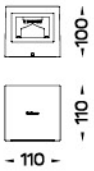
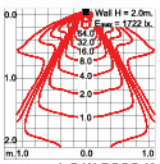


Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On-Off	*1-10V*
2700 K	510 lm	87 lm	4.6 W	7 W	12 lm/W	5411-0-3-833-XX	-
3000 K	530 lm	90 lm	4.6 W	7 W	12 lm/W	5411-0-3-980-XX	-
4000 K	550 lm	94 lm	4.6 W	7 W	13 lm/W	5411-0-3-981-XX	-

*for DALI option please consult your sales representative

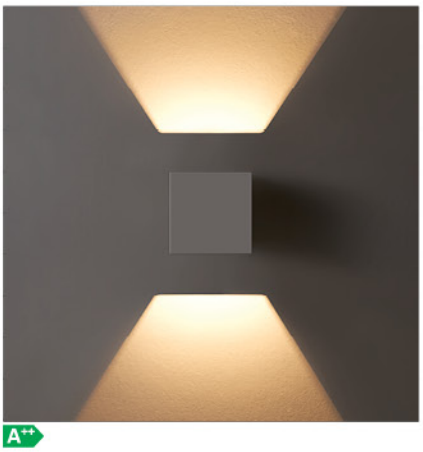
Light Distribution



4.6 W 3000 K

Mini DADOS Square 2 Wall Up/Down Light

IP65 IK08



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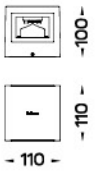
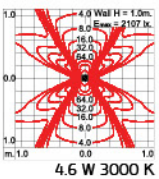


Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On-Off	*1-10V*
2700 K	510 lm	130 lm	4.6 W	7 W	18 lm/W	5412-0-3-833-XX	-
3000 K	530 lm	130 lm	4.6 W	7 W	18 lm/W	5412-0-3-980-XX	-
4000 K	550 lm	140 lm	4.6 W	7 W	20 lm/W	5412-0-3-981-XX	-

*for DALI option please consult your sales representative

Light Distribution



4.6 W 3000 K

Unilamp

Mini DADOS Round 1 Wall Down Light

IP65 IK08

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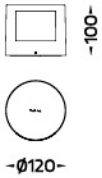
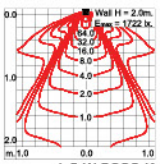


Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On-Off	*1-10V*
2700 K	510 lm	92 lm	4.6 W	7 W	13 lm/W	5421-0-3-883-XX	-
3000 K	530 lm	96 lm	4.6 W	7 W	13 lm/W	5421-0-3-980-XX	-
4000 K	550 lm	99 lm	4.6 W	7 W	14 lm/W	5421-0-3-981-XX	-

*for DALI option please consult your sales representative

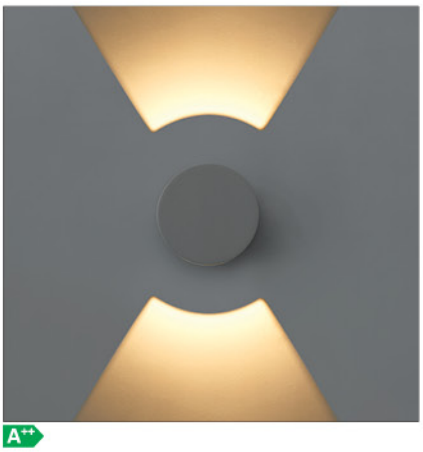
Light Distribution



4.6 W 3000 K

Mini DADOS Round 2 Wall Up/Down Light

IP65 IK08



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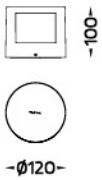
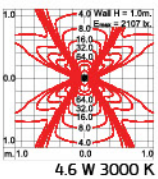


Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On-Off	*1-10V*
2700 K	510 lm	170 lm	4.6 W	7 W	24 lm/W	5422-0-3-883-XX	-
3000 K	530 lm	180 lm	4.6 W	7 W	25 lm/W	5422-0-3-980-XX	-
4000 K	550 lm	180 lm	4.6 W	7 W	25 lm/W	5422-0-3-981-XX	-

*for DALI option please consult your sales representative

Light Distribution

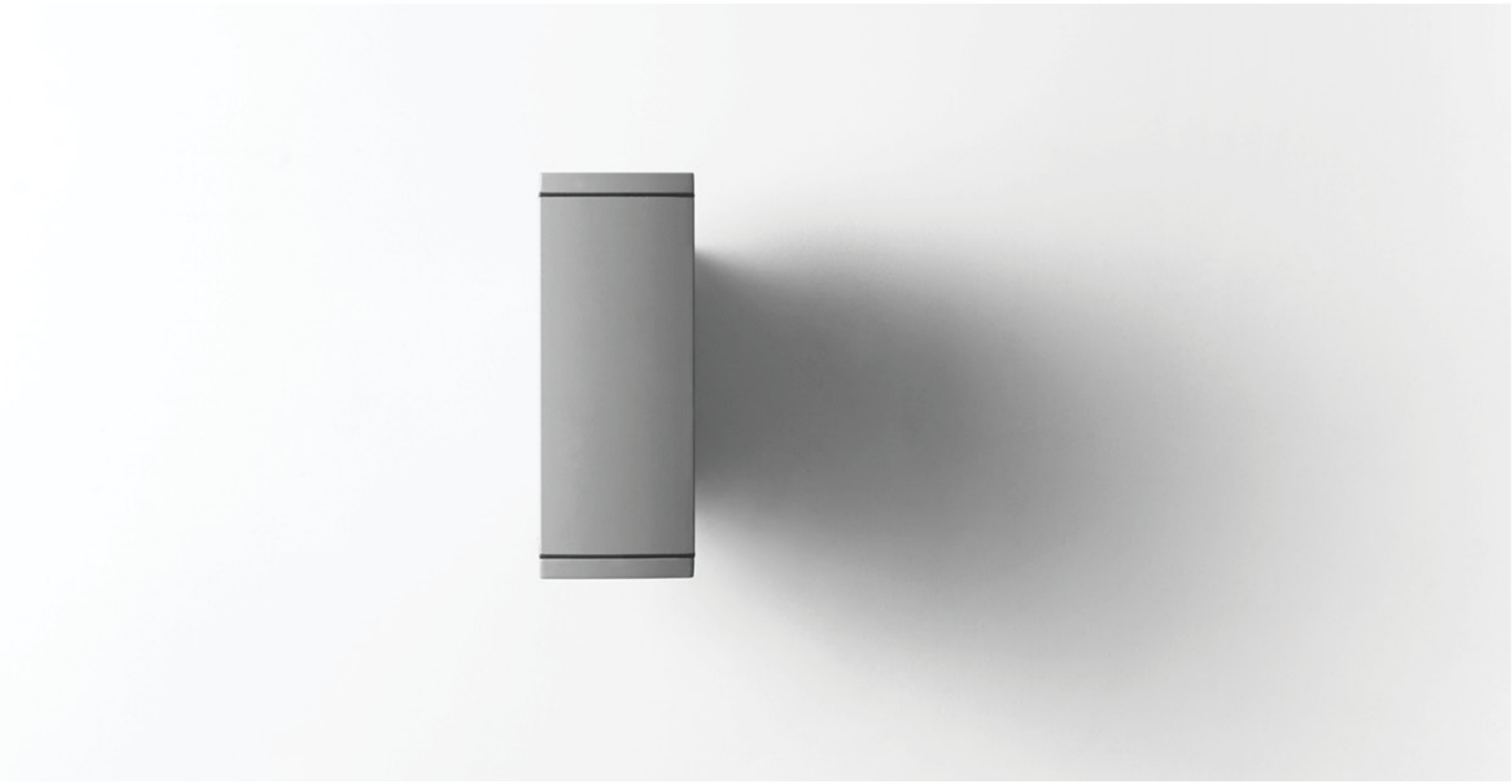


4.6 W 3000 K

Unilamp

BRONCO

BRONCO



BRONCO is a vertical designed wall up and down light with high-power LED light source. The housing are made from extruded aluminium and LM6 die-cast aluminium which make it highly corrosion resistant to any extreme environment. **BRONCO** is designed and tested under ambient thermal condition Ta 40°C. It is protected from the ingress of dust and water and is used for both outdoor and indoor installation. Operating with high lumen output LED in 2700K, 3000K and 4000K 3 steps SDCM. **BRONCO** illuminates many lighting tasks in modern architectural surrounding and is commonly used in columns and facades lighting.

BRONCO

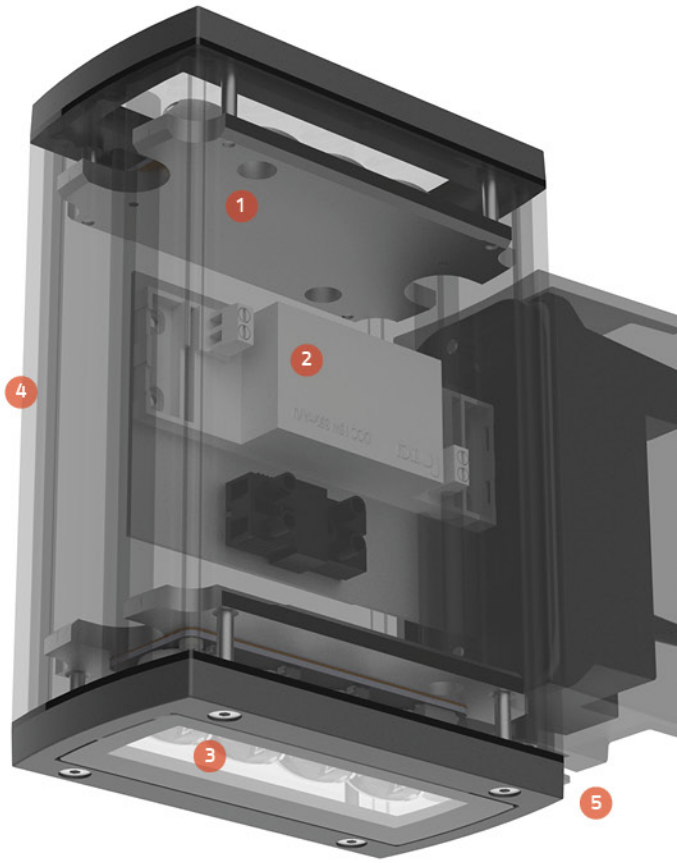
1. **Heat Sink**
   High purity Aluminium heat sink attached to the body for fastest heat transfer.

2. **Driver**
   High quality LED constant current driver. Complied with Safety and EMC regulations.

3. **LED**
   LED and optical lens from world renowned manufacturer. Available in narrow, wide and forward throw – 2700K, 3000K and 4000K CRI>80 3-Step SDCM.

4. **Body Housing**
   Corrosion resistant extruded aluminium housing with Nano Ceramic protection film.

5. **Connector**
   Supplied with detachable connector for easy installation.



Wall bracket prepare for conduit side entry.

Supplied with detachable connector.

High quality Led.

Armor shield coating.

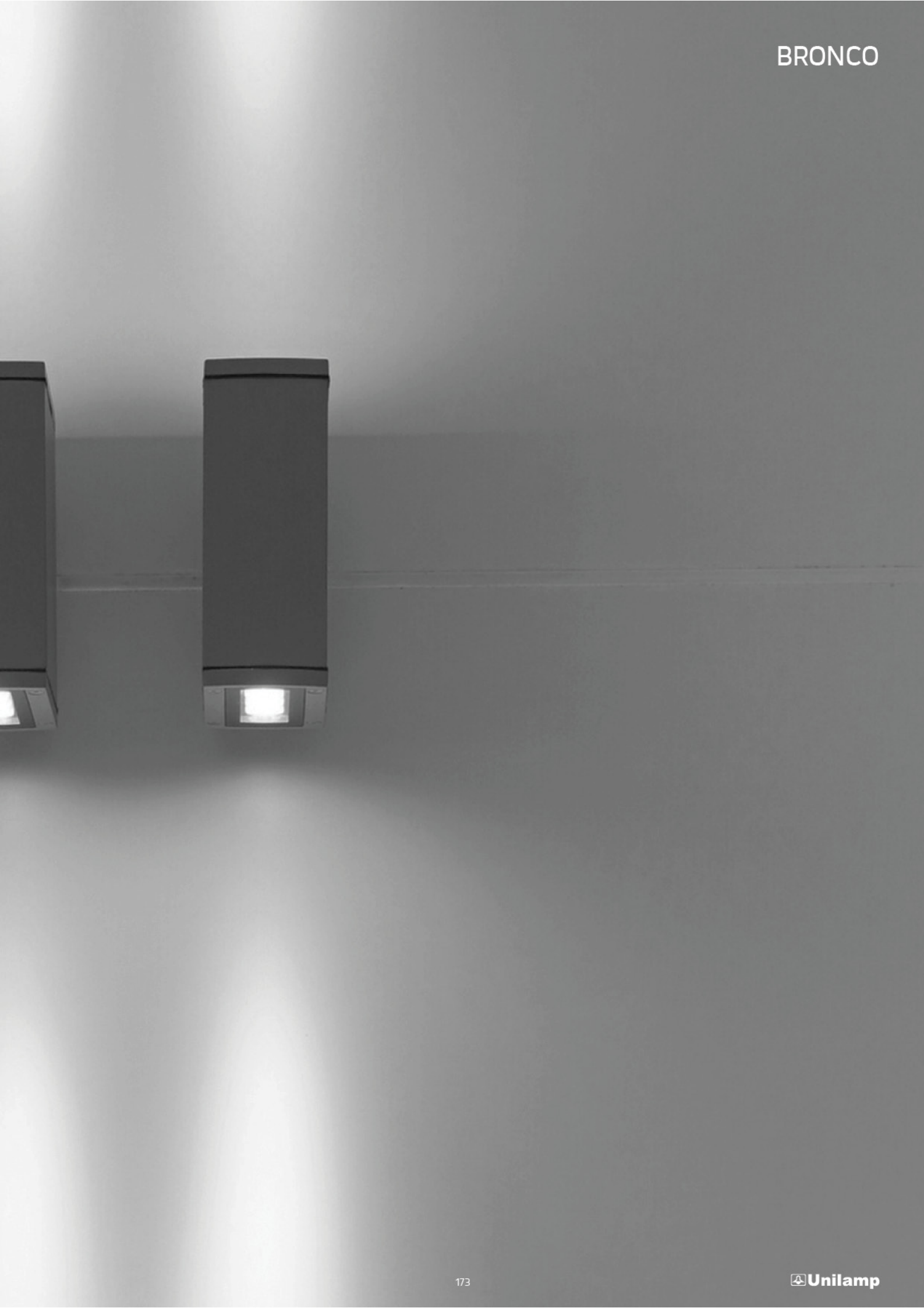
BRONCO

Specification

- Designed, Manufactured and tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium and Extruded Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- Molded lens from renowned manufacturer.
- Quick connector for easy installation.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

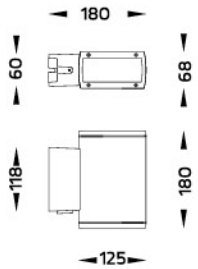
Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)



BRONCO Wall Downlight Narrow Beam

IP65 IK 10 07

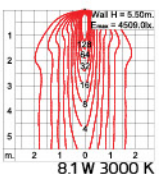
A++



	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	2700 K	960 lm	910 lm	8.1 W	12 W	75 lm/W	5203-0-3-523-XX	-
	3000 K	960 lm	910 lm	8.1 W	12 W	75 lm/W	5203-0-3-897-XX	-
	4000 K	1030 lm	970 lm	8.1 W	12 W	80 lm/W	5203-0-3-898-XX	-

*for DALI option please consult your sales representative

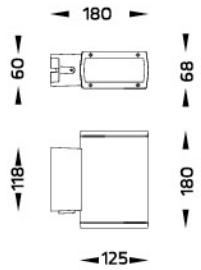
Light Distribution



8.1 W 3000 K

BRONCO Wall Downlight Wide Spread

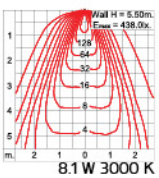
IP65 IK 10 07



Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On-Off	*1-10V*
2700 K	960 lm	840 lm	8.1 W	12 W	70 lm/W	5204-0-3-523-XX	-
3000 K	960 lm	840 lm	8.1 W	12 W	70 lm/W	5204-0-3-897-XX	-
4000 K	1030 lm	900 lm	8.1 W	12 W	75 lm/W	5204-0-3-898-XX	-

*for DALI option please consult your sales representative

Light Distribution



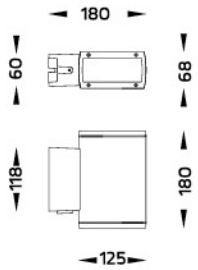
8.1 W 3000 K

Unilamp

BRONCO Wall Downlight Asymmetric

IP65 IK 10 07

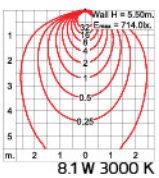
A++



Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On-Off	*1-10V*
2700 K	960 lm	910 lm	8.1 W	12 W	75 lm/W	5205-0-3-523-XX	-
3000 K	960 lm	910 lm	8.1 W	12 W	75 lm/W	5205-0-3-897-XX	-
4000 K	1030 lm	970 lm	8.1 W	12 W	80 lm/W	5205-0-3-898-XX	-

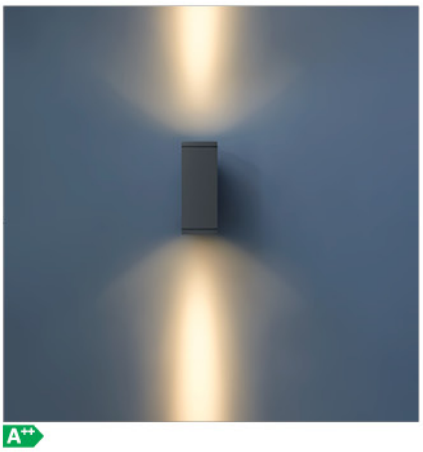
*for DALI option please consult your sales representative

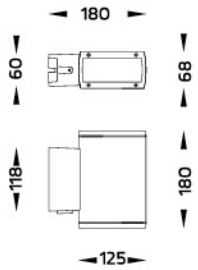
Light Distribution



BRONCO Wall Up/Downlight Narrow Beam

IP65 IK 10 07

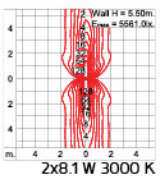




Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On-Off	*1-10V*
2700 K	2x960 lm	1820 lm	2x8.1 W	21 W	86 lm/W	5206-0-3-523-XX	-
3000 K	2x960 lm	1820 lm	2x8.1 W	21 W	86 lm/W	5206-0-3-897-XX	-
4000 K	2x1030 lm	1940 lm	2x8.1 W	21 W	92 lm/W	5206-0-3-898-XX	-

*for DALI option please consult your sales representative

Light Distribution

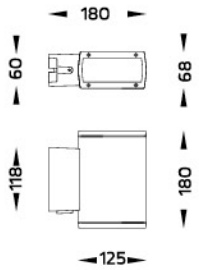


2x8.1 W 3000 K

BRONCO Wall Up/Downlight Wide Spread

IP65 IK 10 07

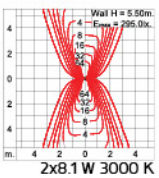
A++



	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	2700 K	2x960 lm	1680 lm	2x8.1 W	21 W	80 lm/W	5207-0-3-523-XX	-
	3000 K	2x960 lm	1680 lm	2x8.1 W	21 W	80 lm/W	5207-0-3-897-XX	-
	4000 K	2x1030 lm	1800 lm	2x8.1 W	21 W	85 lm/W	5207-0-3-898-XX	-

*for DALI option please consult your sales representative

Light Distribution



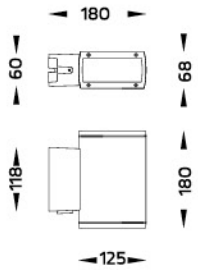
2x8.1 W 3000 K

Unilamp

BRONCO Wall Up/Downlight Asymmetric

IP65 IK 10 07

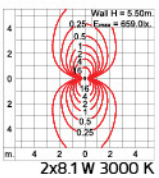
A++



Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On-Off	*1-10V*
2700 K	2x960 lm	1820 lm	2x8.1 W	21 W	86 lm/W	5208-0-3-523-XX	-
3000 K	2x960 lm	1820 lm	2x8.1 W	21 W	86 lm/W	5208-0-3-897-XX	-
4000 K	2x1030 lm	1940 lm	2x8.1 W	21 W	92 lm/W	5208-0-3-898-XX	-

*for DALI option please consult your sales representative

Light Distribution

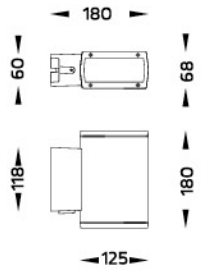


2x8.1 W 3000 K

BRONCO Wall Up/Downlight Narrow Beam/Wide Spread

IP65 IK 10 07

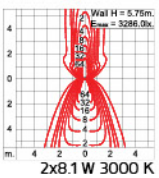
A++



	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	2700 K	2x960 lm	1750 lm	2x8.1 W	21 W	83 lm/W	5209-0-3-523-XX	-
	3000 K	2x960 lm	1750 lm	2x8.1 W	21 W	83 lm/W	5209-0-3-897-XX	-
	4000 K	2x1030 lm	1870 lm	2x8.1 W	21 W	89 lm/W	5209-0-3-898-XX	-

*for DALI option please consult your sales representative

Light Distribution



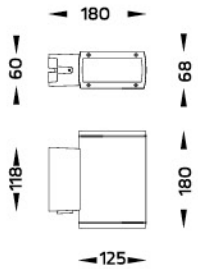
2x8.1 W 3000 K

Unilamp

BRONCO Wall Up/Downlight Narrow Beam/Asymmetric

IP65 IK 10 07

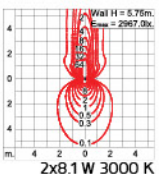
A++



Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On-Off	*1-10V*
2700 K	2x960 lm	1820 lm	2x8.1 W	21 W	86 lm/W	5210-0-3-523-XX	-
3000 K	2x960 lm	1820 lm	2x8.1 W	21 W	86 lm/W	5210-0-3-897-XX	-
4000 K	2x1030 lm	1940 lm	2x8.1 W	21 W	92 lm/W	5210-0-3-898-XX	-

*for DALI option please consult your sales representative

Light Distribution

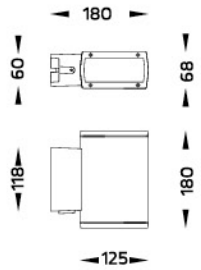


2x8.1 W 3000 K

BRONCO Wall Up/Downlight Wide Spread/Asymmetric

IP65 IK 10 07

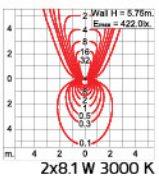
A++



	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	2700 K	2x960 lm	1750 lm	2x8.1 W	21 W	83 lm/W	5211-0-3-523-XX	-
	3000 K	2x960 lm	1750 lm	2x8.1 W	21 W	83 lm/W	5211-0-3-897-XX	-
	4000 K	2x1030 lm	1870 lm	2x8.1 W	21 W	89 lm/W	5211-0-3-898-XX	-

*for DALI option please consult your sales representative

Light Distribution



2x8.1 W 3000 K

Unilamp

MIRA

MIRA

MIRA, a family of small wall light characterized by clear and clean-cut line available in round and square body. The housing is made from copper free enhanced LM6 die-cast aluminium with high corrosion resistant property. The front glass cover is flush to the luminaire housing thus dust and water are not accumulated. MIRA utilizes COB LED from industry renowned manufacturer and is available in 2700K, 3000K or 4000K, all are 3-step SDCM. The specular computer-aided-design reflector with spill light cut-off louver provides sharp light distribution on the surfaces.

Specification

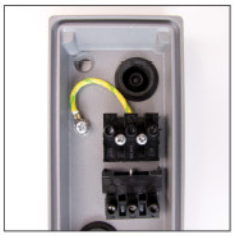
- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-1, and VDE regulations.
- LM6 Die Cast Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- High efficiency reflector.
- Weather proof grommet.
- GFR PA6.6 terminal block.
- Installation work has to be carried on according to the enclosed installation manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

No accumulation of water on the glass.

Spill light cut-off reflector.

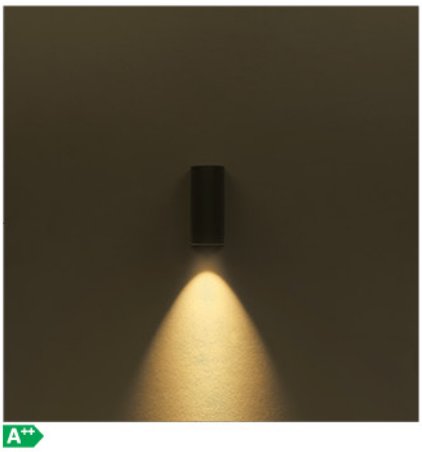


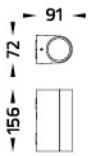
Supplied with detachable reflector.

Armor shield coating.

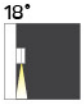
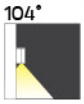
Mini MIRA Round – Wall Downlight

IP65 IK08



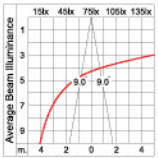


A++

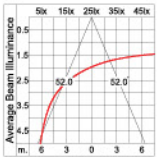
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
18° 	2700 K	1130 lm	500 lm	8.1 W	10 W	50 lm/W	5060-5-3-503-XX	-
	3000 K	1180 lm	530 lm	8.1 W	10 W	53 lm/W	5060-5-3-901-XX	-
	4000 K	1210 lm	540 lm	8.1 W	10 W	54 lm/W	5060-5-3-904-XX	-
104° 	2700 K	1130 lm	750 lm	8.1 W	10 W	75 lm/W	5060-7-3-503-XX	-
	3000 K	1180 lm	790 lm	8.1 W	10 W	79 lm/W	5060-7-3-901-XX	-
	4000 K	1210 lm	810 lm	8.1 W	10 W	81 lm/W	5060-7-3-904-XX	-

*for DALI option please consult your sales representative

Light Distribution



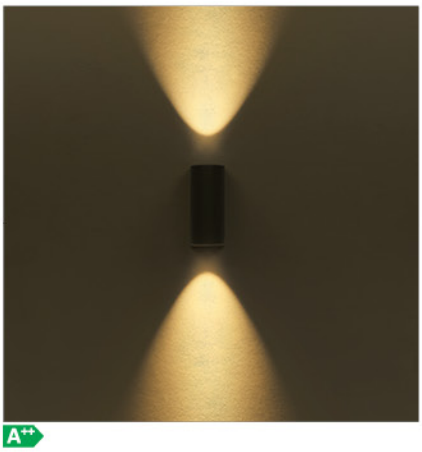
8.1 W 3000 K

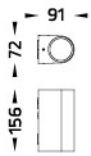


8.1 W 3000 K

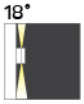
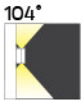
Mini MIRA Round – Wall Up/Downlight

IP65 IK08



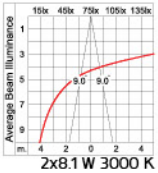


A++

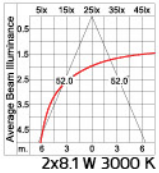
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
18° 	2700 K	2x1130 lm	1000 lm	2x8.1 W	19 W	52 lm/W	5061-5-3-503-XX	-
	3000 K	2x1180 lm	1060 lm	2x8.1 W	19 W	55 lm/W	5061-5-3-901-XX	-
	4000 K	2x1210 lm	1080 lm	2x8.1 W	19 W	56 lm/W	5061-5-3-904-XX	-
104° 	2700 K	2x1130 lm	1500 lm	2x8.1 W	19 W	78 lm/W	5061-7-3-503-XX	-
	3000 K	2x1180 lm	1580 lm	2x8.1 W	19 W	83 lm/W	5061-7-3-901-XX	-
	4000 K	2x1210 lm	1620 lm	2x8.1 W	19 W	85 lm/W	5061-7-3-904-XX	-

*for DALI option please consult your sales representative

Light Distribution



2x8.1 W 3000 K

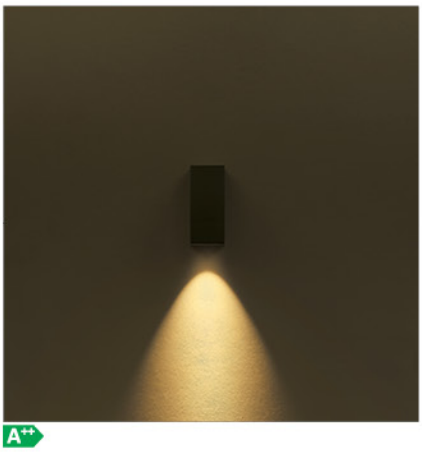


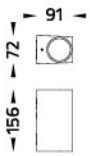
2x8.1 W 3000 K

Unilamp

Mini MIRA Square – Wall Downlight

IP65 IK08





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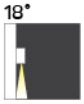
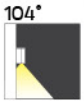
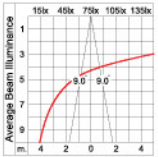
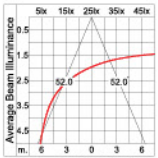
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
18° 	2700 K	1130 lm	500 lm	8.1 W	10 W	50 lm/W	5160–5–3–503–XX	–
	3000 K	1180 lm	530 lm	8.1 W	10 W	53 lm/W	5160–5–3–901–XX	–
	4000 K	1210 lm	540 lm	8.1 W	10 W	54 lm/W	5160–5–3–904–XX	–
104° 	2700 K	1130 lm	750 lm	8.1 W	10 W	75 lm/W	5160–7–3–503–XX	–
	3000 K	1180 lm	790 lm	8.1 W	10 W	79 lm/W	5160–7–3–901–XX	–
	4000 K	1210 lm	810 lm	8.1 W	10 W	81 lm/W	5160–7–3–904–XX	–

*for DALI option please consult your sales representative

Light Distribution



8.1 W 3000 K



8.1 W 3000 K

Mini MIRA Square – Wall Up/Downlight

IP65 IK08

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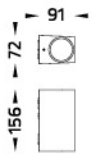
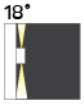
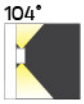
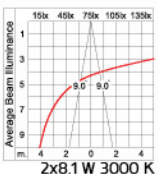


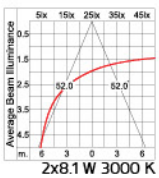
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
18° 	2700 K	2x1130 lm	1000 lm	2x8.1 W	19 W	52 lm/W	5161–5–3–503–XX	–
	3000 K	2x1180 lm	1060 lm	2x8.1 W	19 W	55 lm/W	5161–5–3–901–XX	–
	4000 K	2x1210 lm	1080 lm	2x8.1 W	19 W	56 lm/W	5161–5–3–904–XX	–
104° 	2700 K	2x1130 lm	1500 lm	2x8.1 W	19 W	78 lm/W	5161–7–3–503–XX	–
	3000 K	2x1180 lm	1580 lm	2x8.1 W	19 W	83 lm/W	5161–7–3–901–XX	–
	4000 K	2x1210 lm	1620 lm	2x8.1 W	19 W	85 lm/W	5161–7–3–904–XX	–

*for DALI option please consult your sales representative

Light Distribution



2x8.1 W 3000 K



2x8.1 W 3000 K

Unilamp

TUBE

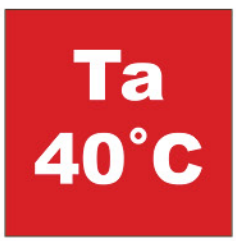
TUBE

TUBE a family of cylindrical shaped wall light, ceiling light and Area light. The body components are made from extruded and LM6 aluminium which make them highly corrosion resistant to any extreme environment. TUBE is protected from the ingress of dust and water and are used in both outdoor and indoor environments. Fitted with COB LED in three color temperature from 2700K, 3000K or 4000K with high CRI. TUBE can solve many lighting tasks in modern architectural surrounds and are generally used in illuminating columns and facades. The pole lights give a great level of downward light with symmetric or asymmetric light distributions.

Choices of light distribution angles.

High performance reflector.

High power COB LED.



Designed and tested at Ta 40° C.

Armor shield coating.

Precise oCnstruction encourages reliable IP rating.

TUBE

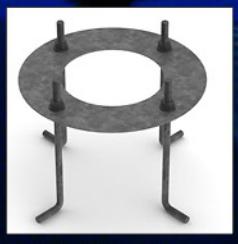
Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-1, IEC 60598-2-2 and VDE regulations.
- LM6 Die Cast Aluminium and Extruded Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- High efficiency reflector.
- Weather proof grommet.
- GFR PA6.6 terminal block.
- Installation work has to be carried on according to the enclosed installation manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Accessories



Anchor Bolt Kit for Aluminium Pole.
Ordering Code : 9-2020-00

Anchor Bolt Kit for Bollard.
Ordering Code :
0269-0-9-000-00

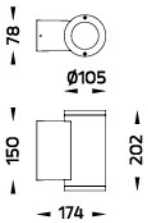
Glare Shield Ring for COB.
(for Maxi TUBE)
Ordering Code :
0268-0-9-000-00

MANGO

A
WELCOME

Mini TUBE – Wall Up/Downlight

IP65 IK 10/07



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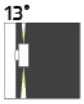
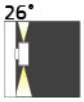
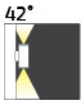
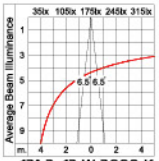
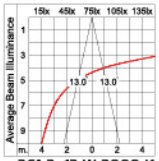
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
13° 	2700 K	2x1550 lm	3020 lm	2x12 W	28 W	107 lm/W	5001-5-3-503-XX	-
	3000 K	2x1620 lm	3140 lm	2x12 W	28 W	112 lm/W	5001-5-3-901-XX	-
	4000 K	2x1660 lm	3220 lm	2x12 W	28 W	115 lm/W	5001-5-3-904-XX	-
26° 	2700 K	2x1550 lm	3000 lm	2x12 W	28 W	107 lm/W	5001-6-3-503-XX	-
	3000 K	2x1620 lm	3140 lm	2x12 W	28 W	112 lm/W	5001-6-3-901-XX	-
	4000 K	2x1660 lm	3200 lm	2x12 W	28 W	114 lm/W	5001-6-3-904-XX	-
42° 	2700 K	2x1550 lm	2720 lm	2x12 W	28 W	97 lm/W	5001-7-3-503-XX	-
	3000 K	2x1620 lm	2860 lm	2x12 W	28 W	102 lm/W	5001-7-3-901-XX	-
	4000 K	2x1660 lm	2920 lm	2x12 W	28 W	104 lm/W	5001-7-3-904-XX	-

*for DALI driver please consult your sales representative

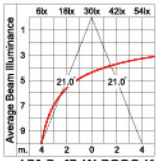
Light Distribution



13° 2x12 W 3000 K



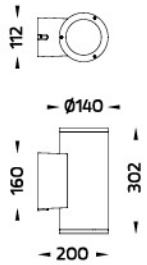
26° 2x12 W 3000 K



42° 2x12 W 3000 K

Medium TUBE – Wall Up/Downlight

IP65 IK 10 07

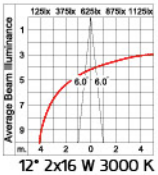


A++ A+

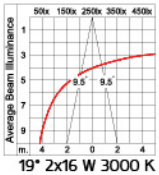
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
12°	2700 K	2x2300 lm	4160 lm	2x16 W	37 W	112 lm/W	5002-5-3-505-XX	-
	3000 K	2x2410 lm	4360 lm	2x16 W	37 W	117 lm/W	5002-5-3-902-XX	-
	4000 K	2x2470 lm	4460 lm	2x16 W	37 W	120 lm/W	5002-5-3-905-XX	-
19°	2700 K	2x2300 lm	4020 lm	2x16 W	37 W	108 lm/W	5002-6-3-505-XX	-
	3000 K	2x2410 lm	4220 lm	2x16 W	37 W	114 lm/W	5002-6-3-902-XX	-
	4000 K	2x2470 lm	4320 lm	2x16 W	37 W	116 lm/W	5002-6-3-905-XX	-
43°	2700 K	2x2300 lm	3860 lm	2x16 W	37 W	104 lm/W	5002-7-3-505-XX	-
	3000 K	2x2410 lm	4040 lm	2x16 W	37 W	109 lm/W	5002-7-3-902-XX	-
	4000 K	2x2470 lm	4140 lm	2x16 W	37 W	111 lm/W	5002-7-3-905-XX	-
Asym	2700 K	2x2300 lm	3280 lm	2x16 W	37 W	88 lm/W	5002-9-3-505-XX	-
	3000 K	2x2410 lm	3420 lm	2x16 W	37 W	92 lm/W	5002-9-3-902-XX	-
	4000 K	2x2470 lm	3520 lm	2x16 W	37 W	95 lm/W	5002-9-3-905-XX	-
10°	3000 K	2x1800 lm	2460 lm	2x20 W	40 W	61 lm/W	5002-5-3-873-XX	-
	4000 K	2x1900 lm	2600 lm	2x20 W	40 W	65 lm/W	5002-5-3-874-XX	-
16°	3000 K	2x1800 lm	2320 lm	2x20 W	40 W	58 lm/W	5002-6-3-873-XX	-
	4000 K	2x1900 lm	2440 lm	2x20 W	40 W	61 lm/W	5002-6-3-874-XX	-
38°	3000 K	2x1800 lm	2240 lm	2x20 W	40 W	56 lm/W	5002-7-3-873-XX	-
	4000 K	2x1900 lm	2360 lm	2x20 W	40 W	59 lm/W	5002-7-3-874-XX	-
Asym	3000 K	2x1800 lm	2220 lm	2x20 W	40 W	55 lm/W	5002-9-3-873-XX	-
	4000 K	2x1900 lm	2320 lm	2x20 W	40 W	58 lm/W	5002-9-3-874-XX	-

*for DALI driver please consult your sales representative

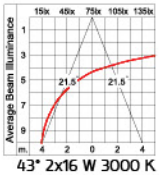
Light Distribution



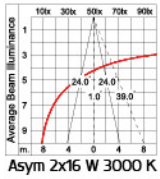
12° 2x16 W 3000 K



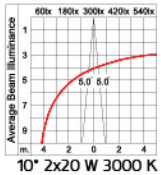
19° 2x16 W 3000 K



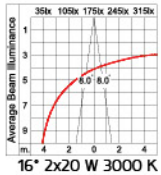
43° 2x16 W 3000 K



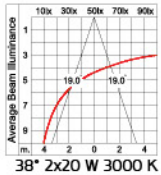
Asym 2x16 W 3000 K



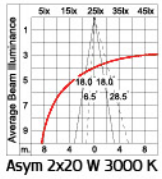
10° 2x20 W 3000 K



16° 2x20 W 3000 K



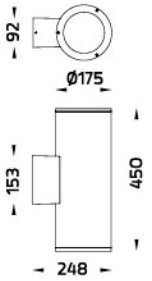
38° 2x20 W 3000 K



Asym 2x20 W 3000 K

Maxi TUBE – Wall Up/Downlight

IP65 IK 10 07 CE LED AC COB

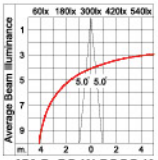


A++ A+

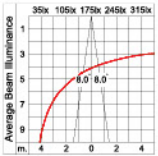
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
10°	3000 K	2x1800 lm	2440 lm	2x20 W	40 W	61 lm/W	5003-5-3-873-XX	-
	4000 K	2x1900 lm	2560 lm	2x20 W	40 W	64 lm/W	5003-5-3-874-XX	-
16°	3000 K	2x1800 lm	2180 lm	2x20 W	40 W	54 lm/W	5003-6-3-873-XX	-
	4000 K	2x1900 lm	2280 lm	2x20 W	40 W	57 lm/W	5003-6-3-874-XX	-
38°	3000 K	2x1800 lm	2140 lm	2x20 W	40 W	53 lm/W	5003-7-3-873-XX	-
	4000 K	2x1900 lm	2240 lm	2x20 W	40 W	56 lm/W	5003-7-3-874-XX	-
Asym	3000 K	2x1800 lm	2220 lm	2x20 W	40 W	55 lm/W	5003-9-3-873-XX	-
	4000 K	2x1900 lm	2320 lm	2x20 W	40 W	58 lm/W	5003-9-3-874-XX	-
12°	2700 K	2x3160 lm	5440 lm	2x23 W	50 W	108 lm/W	5003-5-3-506-XX	-
	3000 K	2x3300 lm	5680 lm	2x23 W	50 W	113 lm/W	5003-5-3-887-XX	-
	4000 K	2x3390 lm	5840 lm	2x23 W	50 W	116 lm/W	5003-5-3-891-XX	-
19°	2700 K	2x3160 lm	4700 lm	2x23 W	50 W	94 lm/W	5003-6-3-506-XX	-
	3000 K	2x3300 lm	4920 lm	2x23 W	50 W	98 lm/W	5003-6-3-887-XX	-
	4000 K	2x3390 lm	5040 lm	2x23 W	50 W	100 lm/W	5003-6-3-891-XX	-
43°	2700 K	2x3160 lm	4620 lm	2x23 W	50 W	92 lm/W	5003-7-3-506-XX	-
	3000 K	2x3300 lm	4820 lm	2x23 W	50 W	96 lm/W	5003-7-3-887-XX	-
	4000 K	2x3390 lm	4960 lm	2x23 W	50 W	99 lm/W	5003-7-3-891-XX	-
Asym	2700 K	2x3160 lm	3920 lm	2x23 W	50 W	78 lm/W	5003-9-3-506-XX	-
	3000 K	2x3300 lm	4080 lm	2x23 W	50 W	81 lm/W	5003-9-3-887-XX	-
	4000 K	2x3390 lm	4200 lm	2x23 W	50 W	84 lm/W	5003-9-3-891-XX	-

*for DALI driver please consult your sales representative

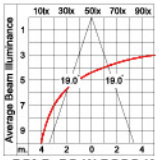
Light Distribution



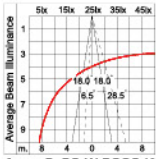
10° 2x20 W 3000 K



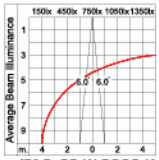
16° 2x20 W 3000 K



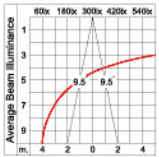
38° 2x20 W 3000 K



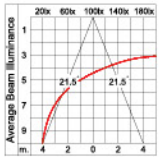
Asym 2x20 W 3000 K



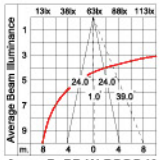
12° 2x23 W 3000 K



19° 2x23 W 3000 K



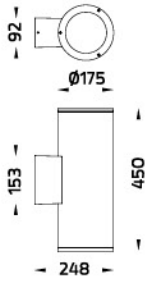
43° 2x23 W 3000 K



Asym 2x23 W 3000 K

Maxi TUBE – Wall Up/Downlight

IP65 IK 10 07



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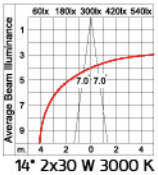
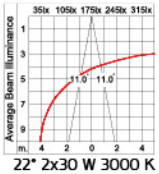
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
14°	3000 K	2x2700 lm	3880 lm	2x30 W	60 W	64 lm/W	5003-5-3-877-XX	–
	4000 K	2x2850 lm	4080 lm	2x30 W	60 W	68 lm/W	5003-5-3-878-XX	–
22°	3000 K	2x2700 lm	3600 lm	2x30 W	60 W	60 lm/W	5003-6-3-877-XX	–
	4000 K	2x2850 lm	3780 lm	2x30 W	60 W	63 lm/W	5003-6-3-878-XX	–
47°	3000 K	2x2700 lm	3700 lm	2x30 W	60 W	61 lm/W	5003-7-3-877-XX	–
	4000 K	2x2850 lm	3900 lm	2x30 W	60 W	65 lm/W	5003-7-3-878-XX	–
Asym	3000 K	2x2700 lm	3120 lm	2x30 W	60 W	52 lm/W	5003-9-3-877-XX	–
	4000 K	2x2850 lm	3280 lm	2x30 W	60 W	54 lm/W	5003-9-3-878-XX	–
12°	2700 K	2x4390 lm	7380 lm	2x34 W	72 W	102 lm/W	5003-5-3-505-XX	–
	3000 K	2x4590 lm	7700 lm	2x34 W	72 W	106 lm/W	5003-5-3-902-XX	–
	4000 K	2x4700 lm	7900 lm	2x34 W	72 W	109 lm/W	5003-5-3-905-XX	–
19°	2700 K	2x4390 lm	6600 lm	2x34 W	72 W	91 lm/W	5003-6-3-505-XX	–
	3000 K	2x4590 lm	6880 lm	2x34 W	72 W	95 lm/W	5003-6-3-902-XX	–
	4000 K	2x4700 lm	7060 lm	2x34 W	72 W	98 lm/W	5003-6-3-905-XX	–
43°	2700 K	2x4390 lm	6500 lm	2x34 W	72 W	90 lm/W	5003-7-3-505-XX	–
	3000 K	2x4590 lm	6780 lm	2x34 W	72 W	94 lm/W	5003-7-3-902-XX	–
	4000 K	2x4700 lm	6960 lm	2x34 W	72 W	96 lm/W	5003-7-3-905-XX	–
Asym	2700 K	2x4390 lm	5840 lm	2x34 W	72 W	81 lm/W	5003-9-3-505-XX	–
	3000 K	2x4590 lm	6100 lm	2x34 W	72 W	84 lm/W	5003-9-3-902-XX	–
	4000 K	2x4700 lm	6260 lm	2x34 W	72 W	86 lm/W	5003-9-3-905-XX	–

*for DALI driver please consult your sales representative

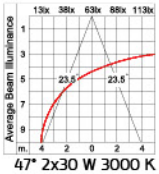
Light Distribution



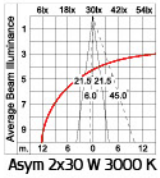
14° 2x30 W 3000 K



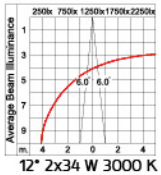
22° 2x30 W 3000 K



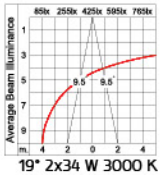
47° 2x30 W 3000 K



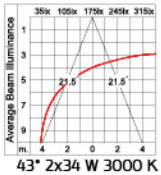
Asym 2x30 W 3000 K



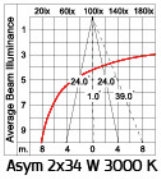
12° 2x34 W 3000 K



19° 2x34 W 3000 K



43° 2x34 W 3000 K

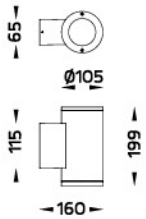


Asym 2x34 W 3000 K

Unilamp

Mini TUBE – Wall Downlight

IP65 IK 10/07



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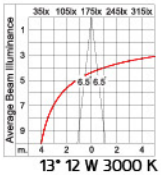
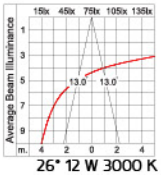
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
13°	2700 K	1550 lm	1510 lm	12 W	15 W	100 lm/W	5004-5-3-503-XX	-
	3000 K	1620 lm	1570 lm	12 W	15 W	104 lm/W	5004-5-3-901-XX	-
	4000 K	1660 lm	1610 lm	12 W	15 W	107 lm/W	5004-5-3-904-XX	-
26°	2700 K	1550 lm	1500 lm	12 W	15 W	100 lm/W	5004-6-3-503-XX	-
	3000 K	1620 lm	1570 lm	12 W	15 W	104 lm/W	5004-6-3-901-XX	-
	4000 K	1660 lm	1600 lm	12 W	15 W	106 lm/W	5004-6-3-904-XX	-
42°	2700 K	1550 lm	1360 lm	12 W	15 W	90 lm/W	5004-7-3-503-XX	-
	3000 K	1620 lm	1430 lm	12 W	15 W	95 lm/W	5004-7-3-901-XX	-
	4000 K	1660 lm	1460 lm	12 W	15 W	97 lm/W	5004-7-3-904-XX	-

*for DALI driver please consult your sales representative

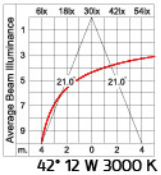
Light Distribution



13° 12 W 3000 K



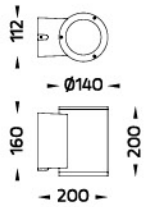
26° 12 W 3000 K



42° 12 W 3000 K

Medium TUBE – Wall Downlight

IP65 IK 09/07 CE LED AC COB

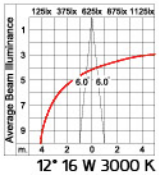


A++ A+

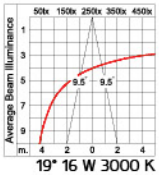
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
12°	2700 K	2300 lm	2080 lm	16 W	19 W	109 lm/W	5005-5-3-505-XX	-
	3000 K	2410 lm	2180 lm	16 W	19 W	114 lm/W	5005-5-3-902-XX	-
	4000 K	2470 lm	2230 lm	16 W	19 W	117 lm/W	5005-5-3-905-XX	-
19°	2700 K	2300 lm	2010 lm	16 W	19 W	105 lm/W	5005-6-3-505-XX	-
	3000 K	2410 lm	2110 lm	16 W	19 W	111 lm/W	5005-6-3-902-XX	-
	4000 K	2470 lm	2160 lm	16 W	19 W	113 lm/W	5005-6-3-905-XX	-
43°	2700 K	2300 lm	1930 lm	16 W	19 W	101 lm/W	5005-7-3-505-XX	-
	3000 K	2410 lm	2020 lm	16 W	19 W	106 lm/W	5005-7-3-902-XX	-
	4000 K	2470 lm	2070 lm	16 W	19 W	108 lm/W	5005-7-3-905-XX	-
Asym	2700 K	2300 lm	1640 lm	16 W	19 W	86 lm/W	5005-9-3-505-XX	-
	3000 K	2410 lm	1710 lm	16 W	19 W	90 lm/W	5005-9-3-902-XX	-
	4000 K	2470 lm	1760 lm	16 W	19 W	92 lm/W	5005-9-3-905-XX	-
10°	3000 K	1800 lm	1230 lm	20 W	20 W	61 lm/W	5005-5-3-873-XX	-
	4000 K	1900 lm	1300 lm	20 W	20 W	65 lm/W	5005-5-3-874-XX	-
16°	3000 K	1800 lm	1160 lm	20 W	20 W	58 lm/W	5005-6-3-873-XX	-
	4000 K	1900 lm	1220 lm	20 W	20 W	61 lm/W	5005-6-3-874-XX	-
38°	3000 K	1800 lm	1120 lm	20 W	20 W	56 lm/W	5005-7-3-873-XX	-
	4000 K	1900 lm	1180 lm	20 W	20 W	59 lm/W	5005-7-3-874-XX	-
Asym	3000 K	1800 lm	1110 lm	20 W	20 W	55 lm/W	5005-9-3-873-XX	-
	4000 K	1900 lm	1160 lm	20 W	20 W	58 lm/W	5005-9-3-874-XX	-

*for DALI driver please consult your sales representative

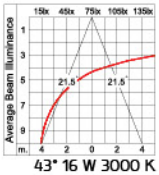
Light Distribution



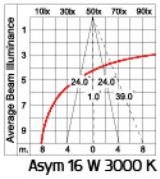
12° 16 W 3000 K



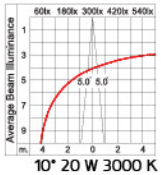
19° 16 W 3000 K



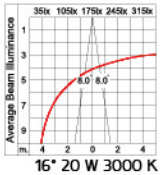
43° 16 W 3000 K



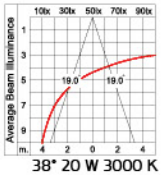
Asym 16 W 3000 K



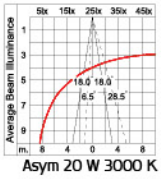
10° 20 W 3000 K



16° 20 W 3000 K



38° 20 W 3000 K

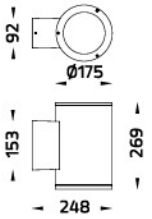


Asym 20 W 3000 K

Unilamp

Maxi TUBE – Wall Downlight

IP65 IK 08/07



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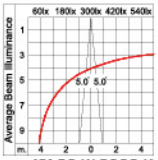
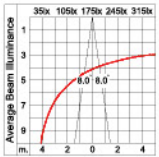
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
10°	3000 K	1800 lm	1220 lm	20 W	20 W	61 lm/W	5006-5-3-873-XX	-
	4000 K	1900 lm	1280 lm	20 W	20 W	64 lm/W	5006-5-3-874-XX	-
16°	3000 K	1800 lm	1090 lm	20 W	20 W	54 lm/W	5006-6-3-873-XX	-
	4000 K	1900 lm	1140 lm	20 W	20 W	57 lm/W	5006-6-3-874-XX	-
38°	3000 K	1800 lm	1070 lm	20 W	20 W	53 lm/W	5006-7-3-873-XX	-
	4000 K	1900 lm	1120 lm	20 W	20 W	56 lm/W	5006-7-3-874-XX	-
Asym	3000 K	1800 lm	1110 lm	20 W	20 W	55 lm/W	5006-9-3-873-XX	-
	4000 K	1900 lm	1160 lm	20 W	20 W	58 lm/W	5006-9-3-874-XX	-
12°	2700 K	3160 lm	2720 lm	23 W	26 W	104 lm/W	5006-5-3-506-XX	-
	3000 K	3300 lm	2840 lm	23 W	26 W	109 lm/W	5006-5-3-887-XX	-
	4000 K	3390 lm	2920 lm	23 W	26 W	112 lm/W	5006-5-3-891-XX	-
19°	2700 K	3160 lm	2350 lm	23 W	26 W	90 lm/W	5006-6-3-506-XX	-
	3000 K	3300 lm	2460 lm	23 W	26 W	94 lm/W	5006-6-3-887-XX	-
	4000 K	3390 lm	2520 lm	23 W	26 W	96 lm/W	5006-6-3-891-XX	-
43°	2700 K	3160 lm	2310 lm	23 W	26 W	88 lm/W	5006-7-3-506-XX	-
	3000 K	3300 lm	2410 lm	23 W	26 W	92 lm/W	5006-7-3-887-XX	-
	4000 K	3390 lm	2480 lm	23 W	26 W	95 lm/W	5006-7-3-891-XX	-
Asym	2700 K	3160 lm	1960 lm	23 W	26 W	75 lm/W	5006-9-3-506-XX	-
	3000 K	3300 lm	2040 lm	23 W	26 W	78 lm/W	5006-9-3-887-XX	-
	4000 K	3390 lm	2100 lm	23 W	26 W	80 lm/W	5006-9-3-891-XX	-

*for DALI driver please consult your sales representative

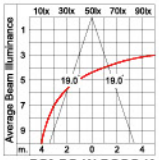
Light Distribution



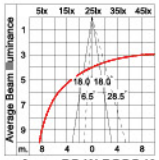
10° 20 W 3000 K



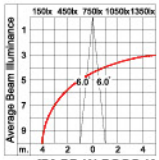
16° 20 W 3000 K



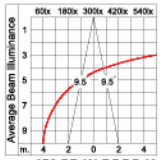
38° 20 W 3000 K



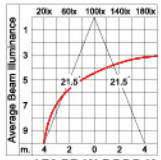
Asym 20 W 3000 K



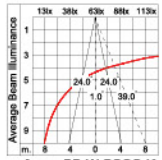
12° 23 W 3000 K



19° 23 W 3000 K



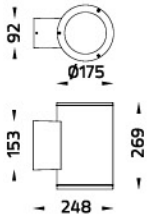
43° 23 W 3000 K



Asym 23 W 3000 K

Maxi TUBE – Wall Downlight

IP65 IK 08/07



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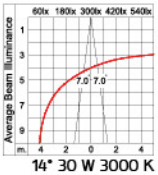
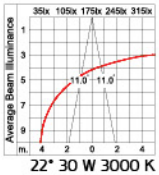
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
14°	3000 K	2700 lm	1940 lm	30 W	30 W	64 lm/W	5006-5-3-877-XX	-
	4000 K	2850 lm	2040 lm	30 W	30 W	68 lm/W	5006-5-3-878-XX	-
22°	3000 K	2700 lm	1800 lm	30 W	30 W	60 lm/W	5006-6-3-877-XX	-
	4000 K	2850 lm	1890 lm	30 W	30 W	63 lm/W	5006-6-3-878-XX	-
47°	3000 K	2700 lm	1850 lm	30 W	30 W	61 lm/W	5006-7-3-877-XX	-
	4000 K	2850 lm	1950 lm	30 W	30 W	65 lm/W	5006-7-3-878-XX	-
Asym	3000 K	2700 lm	1560 lm	30 W	30 W	52 lm/W	5006-9-3-877-XX	-
	4000 K	2850 lm	1640 lm	30 W	30 W	54 lm/W	5006-9-3-878-XX	-
12°	2700 K	4590 lm	3690 lm	36 W	40 W	92 lm/W	5006-5-3-505-XX	-
	3000 K	4790 lm	3850 lm	36 W	40 W	96 lm/W	5006-5-3-902-XX	-
	4000 K	4920 lm	3950 lm	36 W	40 W	98 lm/W	5006-5-3-905-XX	-
19°	2700 K	4590 lm	3300 lm	36 W	40 W	82 lm/W	5006-6-3-505-XX	-
	3000 K	4790 lm	3440 lm	36 W	40 W	86 lm/W	5006-6-3-902-XX	-
	4000 K	4920 lm	3530 lm	36 W	40 W	88 lm/W	5006-6-3-905-XX	-
43°	2700 K	4590 lm	3250 lm	36 W	40 W	81 lm/W	5006-7-3-505-XX	-
	3000 K	4790 lm	3390 lm	36 W	40 W	84 lm/W	5006-7-3-902-XX	-
	4000 K	4920 lm	3480 lm	36 W	40 W	87 lm/W	5006-7-3-905-XX	-
Asym	2700 K	4590 lm	2920 lm	36 W	40 W	73 lm/W	5006-9-3-505-XX	-
	3000 K	4790 lm	3050 lm	36 W	40 W	76 lm/W	5006-9-3-902-XX	-
	4000 K	4920 lm	3130 lm	36 W	40 W	78 lm/W	5006-9-3-905-XX	-

*for DALI driver please consult your sales representative

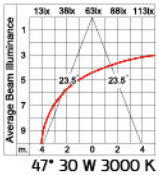
Light Distribution



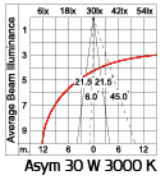
14° 30 W 3000 K



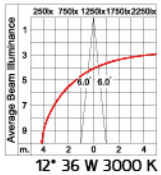
22° 30 W 3000 K



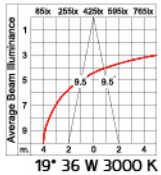
47° 30 W 3000 K



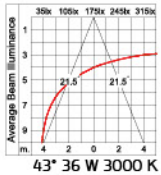
Asym 30 W 3000 K



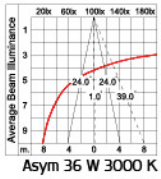
12° 36 W 3000 K



19° 36 W 3000 K



43° 36 W 3000 K

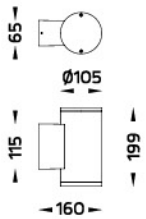


Asym 36 W 3000 K

Unilamp

Mini TUBE – Wall Uplight

IP65 IK 10/07



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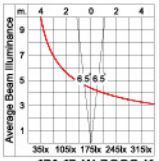
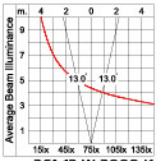
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
13°	2700 K	1550 lm	1510 lm	12 W	15 W	100 lm/W	5044-5-3-503-XX	-
	3000 K	1620 lm	1570 lm	12 W	15 W	104 lm/W	5044-5-3-901-XX	-
	4000 K	1660 lm	1610 lm	12 W	15 W	107 lm/W	5044-5-3-904-XX	-
26°	2700 K	1550 lm	1500 lm	12 W	15 W	100 lm/W	5044-6-3-503-XX	-
	3000 K	1620 lm	1570 lm	12 W	15 W	104 lm/W	5044-6-3-901-XX	-
	4000 K	1660 lm	1600 lm	12 W	15 W	106 lm/W	5044-6-3-904-XX	-
42°	2700 K	1550 lm	1360 lm	12 W	15 W	90 lm/W	5044-7-3-503-XX	-
	3000 K	1620 lm	1430 lm	12 W	15 W	95 lm/W	5044-7-3-901-XX	-
	4000 K	1660 lm	1460 lm	12 W	15 W	97 lm/W	5044-7-3-904-XX	-

*for DALI driver please consult your sales representative

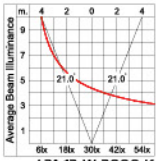
Light Distribution



13° 12 W 3000 K



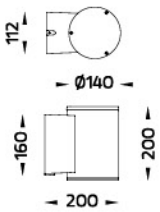
26° 12 W 3000 K



42° 12 W 3000 K

Medium TUBE – Wall Uplight

IP65 IK 09/07 CE LED AC COB



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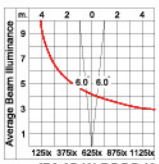
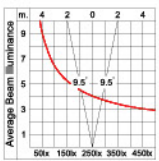
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
12°	2700 K	2300 lm	2080 lm	16 W	19 W	109 lm/W	5045-5-3-505-XX	-
	3000 K	2410 lm	2180 lm	16 W	19 W	114 lm/W	5045-5-3-902-XX	-
	4000 K	2470 lm	2230 lm	16 W	19 W	117 lm/W	5045-5-3-905-XX	-
19°	2700 K	2300 lm	2010 lm	16 W	19 W	105 lm/W	5045-6-3-505-XX	-
	3000 K	2410 lm	2110 lm	16 W	19 W	111 lm/W	5045-6-3-902-XX	-
	4000 K	2470 lm	2160 lm	16 W	19 W	113 lm/W	5045-6-3-905-XX	-
43°	2700 K	2300 lm	1930 lm	16 W	19 W	101 lm/W	5045-7-3-505-XX	-
	3000 K	2410 lm	2020 lm	16 W	19 W	106 lm/W	5045-7-3-902-XX	-
	4000 K	2470 lm	2070 lm	16 W	19 W	108 lm/W	5045-7-3-905-XX	-
Asym	2700 K	2300 lm	1640 lm	16 W	19 W	86 lm/W	5045-9-3-505-XX	-
	3000 K	2410 lm	1710 lm	16 W	19 W	90 lm/W	5045-9-3-902-XX	-
	4000 K	2470 lm	1760 lm	16 W	19 W	92 lm/W	5045-9-3-905-XX	-
10°	3000 K	1800 lm	1230 lm	20 W	20 W	61 lm/W	5045-5-3-873-XX	-
	4000 K	1900 lm	1300 lm	20 W	20 W	65 lm/W	5045-5-3-874-XX	-
16°	3000 K	1800 lm	1160 lm	20 W	20 W	58 lm/W	5045-6-3-873-XX	-
	4000 K	1900 lm	1220 lm	20 W	20 W	61 lm/W	5045-6-3-874-XX	-
38°	3000 K	1800 lm	1120 lm	20 W	20 W	56 lm/W	5045-7-3-873-XX	-
	4000 K	1900 lm	1180 lm	20 W	20 W	59 lm/W	5045-7-3-874-XX	-
Asym	3000 K	1800 lm	1110 lm	20 W	20 W	55 lm/W	5045-9-3-873-XX	-
	4000 K	1900 lm	1160 lm	20 W	20 W	58 lm/W	5045-9-3-874-XX	-

*for DALI driver please consult your sales representative

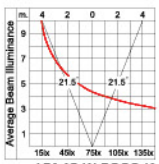
Light Distribution



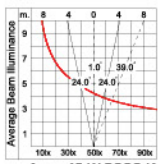
12° 16 W 3000 K



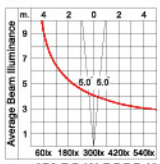
19° 16 W 3000 K



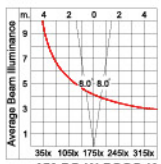
43° 16 W 3000 K



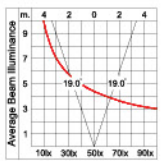
Asym 16 W 3000 K



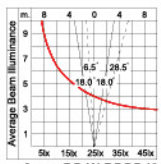
10° 20 W 3000 K



16° 20 W 3000 K



38° 20 W 3000 K

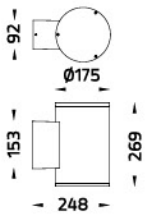


Asym 20 W 3000 K

Unilamp

Maxi TUBE – Wall Uplight

IP65 IK 08/07

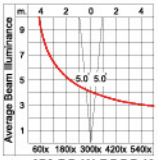


A++ A+

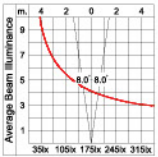
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
10°	3000 K	1800 lm	1220 lm	20 W	20 W	61 lm/W	5046-5-3-873-XX	-
	4000 K	1900 lm	1280 lm	20 W	20 W	64 lm/W	5046-5-3-874-XX	-
16°	3000 K	1800 lm	1090 lm	20 W	20 W	54 lm/W	5046-6-3-873-XX	-
	4000 K	1900 lm	1140 lm	20 W	20 W	57 lm/W	5046-6-3-874-XX	-
38°	3000 K	1800 lm	1070 lm	20 W	20 W	53 lm/W	5046-7-3-873-XX	-
	4000 K	1900 lm	1120 lm	20 W	20 W	56 lm/W	5046-7-3-874-XX	-
Asym	3000 K	1800 lm	1110 lm	20 W	20 W	55 lm/W	5046-9-3-873-XX	-
	4000 K	1900 lm	1160 lm	20 W	20 W	58 lm/W	5046-9-3-874-XX	-
12°	2700 K	3160 lm	2720 lm	23 W	26 W	104 lm/W	5046-5-3-506-XX	-
	3000 K	3300 lm	2840 lm	23 W	26 W	109 lm/W	5046-5-3-887-XX	-
	4000 K	3390 lm	2920 lm	23 W	26 W	112 lm/W	5046-5-3-891-XX	-
19°	2700 K	3160 lm	2350 lm	23 W	26 W	90 lm/W	5046-6-3-506-XX	-
	3000 K	3300 lm	2460 lm	23 W	26 W	94 lm/W	5046-6-3-887-XX	-
	4000 K	3390 lm	2520 lm	23 W	26 W	96 lm/W	5046-6-3-891-XX	-
43°	2700 K	3160 lm	2310 lm	23 W	26 W	88 lm/W	5046-7-3-506-XX	-
	3000 K	3300 lm	2410 lm	23 W	26 W	92 lm/W	5046-7-3-887-XX	-
	4000 K	3390 lm	2480 lm	23 W	26 W	95 lm/W	5046-7-3-891-XX	-
Asym	2700 K	3160 lm	1960 lm	23 W	26 W	75 lm/W	5046-9-3-506-XX	-
	3000 K	3300 lm	2040 lm	23 W	26 W	78 lm/W	5046-9-3-887-XX	-
	4000 K	3390 lm	2100 lm	23 W	26 W	80 lm/W	5046-9-3-891-XX	-

*for DALI driver please consult your sales representative

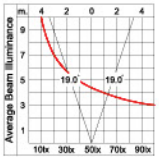
Light Distribution



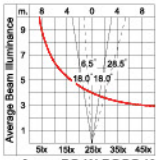
10° 20 W 3000 K



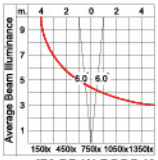
16° 20 W 3000 K



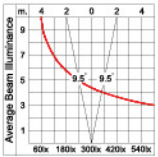
38° 20 W 3000 K



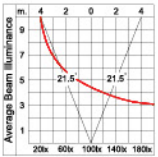
Asym 20 W 3000 K



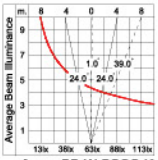
12° 23 W 3000 K



19° 23 W 3000 K



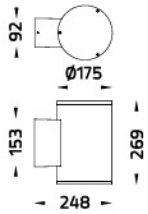
43° 23 W 3000 K



Asym 23 W 3000 K

Maxi TUBE – Wall Uplight

IP65 IK 08/07 CE LED AC COB



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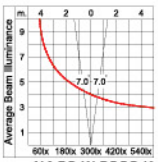
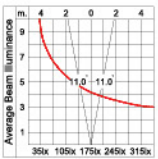
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
14°	3000 K	2700 lm	1940 lm	30 W	30 W	64 lm/W	5046-5-3-877-XX	–
	4000 K	2850 lm	2040 lm	30 W	30 W	68 lm/W	5046-5-3-878-XX	–
22°	3000 K	2700 lm	1800 lm	30 W	30 W	60 lm/W	5046-6-3-877-XX	–
	4000 K	2850 lm	1890 lm	30 W	30 W	63 lm/W	5046-6-3-878-XX	–
47°	3000 K	2700 lm	1850 lm	30 W	30 W	61 lm/W	5046-7-3-877-XX	–
	4000 K	2850 lm	1950 lm	30 W	30 W	65 lm/W	5046-7-3-878-XX	–
Asym	3000 K	2700 lm	1560 lm	30 W	30 W	52 lm/W	5046-9-3-877-XX	–
	4000 K	2850 lm	1640 lm	30 W	30 W	54 lm/W	5046-9-3-878-XX	–
12°	2700 K	4590 lm	3690 lm	36 W	40 W	92 lm/W	5046-5-3-505-XX	–
	3000 K	4790 lm	3850 lm	36 W	40 W	96 lm/W	5046-5-3-902-XX	–
	4000 K	4920 lm	3950 lm	36 W	40 W	98 lm/W	5046-5-3-905-XX	–
19°	2700 K	4590 lm	3300 lm	36 W	40 W	82 lm/W	5046-6-3-505-XX	–
	3000 K	4790 lm	3440 lm	36 W	40 W	86 lm/W	5046-6-3-902-XX	–
	4000 K	4920 lm	3530 lm	36 W	40 W	88 lm/W	5046-6-3-905-XX	–
43°	2700 K	4590 lm	3250 lm	36 W	40 W	81 lm/W	5046-7-3-505-XX	–
	3000 K	4790 lm	3390 lm	36 W	40 W	84 lm/W	5046-7-3-902-XX	–
	4000 K	4920 lm	3480 lm	36 W	40 W	87 lm/W	5046-7-3-905-XX	–
Asym	2700 K	4590 lm	2920 lm	36 W	40 W	73 lm/W	5046-9-3-505-XX	–
	3000 K	4790 lm	3050 lm	36 W	40 W	76 lm/W	5046-9-3-902-XX	–
	4000 K	4920 lm	3130 lm	36 W	40 W	78 lm/W	5046-9-3-905-XX	–

*for DALI driver please consult your sales representative

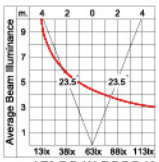
Light Distribution



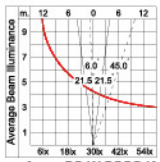
14° 30 W 3000 K



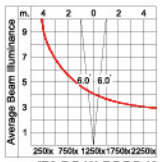
22° 30 W 3000 K



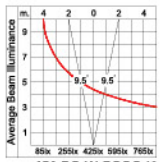
47° 30 W 3000 K



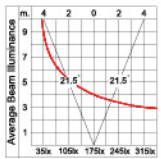
Asym 30 W 3000 K



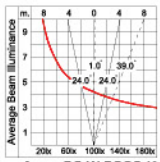
12° 36 W 3000 K



19° 36 W 3000 K



43° 36 W 3000 K

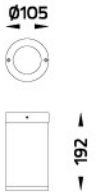


Asym 36 W 3000 K

Unilamp

Mini TUBE – Surface Downlight

IP65 IK 10/07



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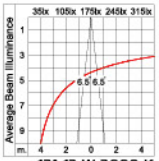
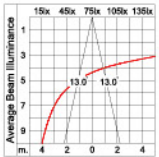
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
13°	2700 K	1550 lm	1510 lm	12 W	15 W	100 lm/W	4001-5-3-503-XX	-
	3000 K	1620 lm	1570 lm	12 W	15 W	104 lm/W	4001-5-3-901-XX	-
	4000 K	1660 lm	1610 lm	12 W	15 W	107 lm/W	4001-5-3-904-XX	-
26°	2700 K	1550 lm	1500 lm	12 W	15 W	100 lm/W	4001-6-3-503-XX	-
	3000 K	1620 lm	1570 lm	12 W	15 W	104 lm/W	4001-6-3-901-XX	-
	4000 K	1660 lm	1600 lm	12 W	15 W	106 lm/W	4001-6-3-904-XX	-
42°	2700 K	1550 lm	1360 lm	12 W	15 W	90 lm/W	4001-7-3-503-XX	-
	3000 K	1620 lm	1430 lm	12 W	15 W	95 lm/W	4001-7-3-901-XX	-
	4000 K	1660 lm	1460 lm	12 W	15 W	97 lm/W	4001-7-3-904-XX	-

*for DALI driver please consult your sales representative

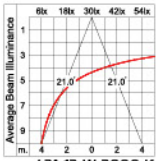
Light Distribution



13° 12 W 3000 K



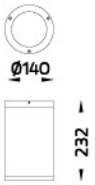
26° 12 W 3000 K



42° 12 W 3000 K

Medium TUBE – Surface Downlight

IP65 IK 10 07



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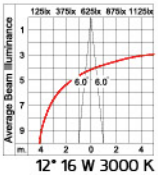
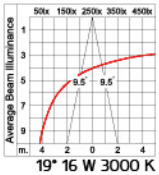
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
12°	2700 K	2300 lm	2080 lm	16 W	19 W	109 lm/W	4002-5-3-505-XX	-
	3000 K	2410 lm	2180 lm	16 W	19 W	114 lm/W	4002-5-3-902-XX	-
	4000 K	2470 lm	2230 lm	16 W	19 W	117 lm/W	4002-5-3-905-XX	-
19°	2700 K	2300 lm	2010 lm	16 W	19 W	105 lm/W	4002-6-3-505-XX	-
	3000 K	2410 lm	2110 lm	16 W	19 W	111 lm/W	4002-6-3-902-XX	-
	4000 K	2470 lm	2160 lm	16 W	19 W	113 lm/W	4002-6-3-905-XX	-
43°	2700 K	2300 lm	1930 lm	16 W	19 W	101 lm/W	4002-7-3-505-XX	-
	3000 K	2410 lm	2020 lm	16 W	19 W	106 lm/W	4002-7-3-902-XX	-
	4000 K	2470 lm	2070 lm	16 W	19 W	108 lm/W	4002-7-3-905-XX	-
Asym	2700 K	2300 lm	1640 lm	16 W	19 W	86 lm/W	4002-9-3-505-XX	-
	3000 K	2410 lm	1710 lm	16 W	19 W	90 lm/W	4002-9-3-902-XX	-
	4000 K	2470 lm	1760 lm	16 W	19 W	92 lm/W	4002-9-3-905-XX	-
10°	3000 K	1800 lm	1230 lm	20 W	20 W	61 lm/W	4002-5-3-873-XX	-
	4000 K	1900 lm	1300 lm	20 W	20 W	65 lm/W	4002-5-3-874-XX	-
16°	3000 K	1800 lm	1160 lm	20 W	20 W	58 lm/W	4002-6-3-873-XX	-
	4000 K	1900 lm	1220 lm	20 W	20 W	61 lm/W	4002-6-3-874-XX	-
38°	3000 K	1800 lm	1120 lm	20 W	20 W	56 lm/W	4002-7-3-873-XX	-
	4000 K	1900 lm	1180 lm	20 W	20 W	59 lm/W	4002-7-3-874-XX	-
Asym	3000 K	1800 lm	1110 lm	20 W	20 W	55 lm/W	4002-9-3-873-XX	-
	4000 K	1900 lm	1160 lm	20 W	20 W	58 lm/W	4002-9-3-874-XX	-

*for DALI driver please consult your sales representative

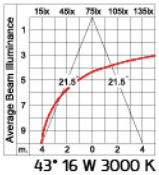
Light Distribution



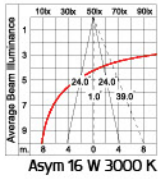
12° 16 W 3000 K



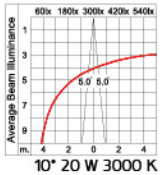
19° 16 W 3000 K



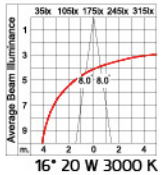
43° 16 W 3000 K



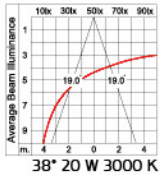
Asym 16 W 3000 K



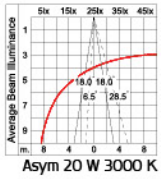
10° 20 W 3000 K



16° 20 W 3000 K



38° 20 W 3000 K

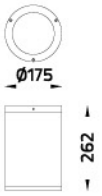


Asym 20 W 3000 K

Unilamp

Maxi TUBE – Surface Downlight

IP65 IK 10 07

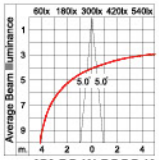


A++ A+

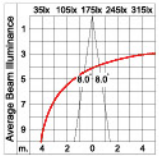
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
10°	3000 K	1800 lm	1220 lm	20 W	20 W	61 lm/W	4003-5-3-873-XX	-
	4000 K	1900 lm	1280 lm	20 W	20 W	64 lm/W	4003-5-3-874-XX	-
16°	3000 K	1800 lm	1090 lm	20 W	20 W	54 lm/W	4003-6-3-873-XX	-
	4000 K	1900 lm	1140 lm	20 W	20 W	57 lm/W	4003-6-3-874-XX	-
38°	3000 K	1800 lm	1070 lm	20 W	20 W	53 lm/W	4003-7-3-873-XX	-
	4000 K	1900 lm	1120 lm	20 W	20 W	56 lm/W	4003-7-3-874-XX	-
Asym	3000 K	1800 lm	1110 lm	20 W	20 W	55 lm/W	4003-9-3-873-XX	-
	4000 K	1900 lm	1160 lm	20 W	20 W	58 lm/W	4003-9-3-874-XX	-
12°	2700 K	3160 lm	2720 lm	23 W	26 W	104 lm/W	4003-5-3-506-XX	-
	3000 K	3300 lm	2840 lm	23 W	26 W	109 lm/W	4003-5-3-887-XX	-
	4000 K	3390 lm	2920 lm	23 W	26 W	112 lm/W	4003-5-3-891-XX	-
19°	2700 K	3160 lm	2350 lm	23 W	26 W	90 lm/W	4003-6-3-506-XX	-
	3000 K	3300 lm	2460 lm	23 W	26 W	94 lm/W	4003-6-3-887-XX	-
	4000 K	3390 lm	2520 lm	23 W	26 W	96 lm/W	4003-6-3-891-XX	-
43°	2700 K	3160 lm	2310 lm	23 W	26 W	88 lm/W	4003-7-3-506-XX	-
	3000 K	3300 lm	2410 lm	23 W	26 W	92 lm/W	4003-7-3-887-XX	-
	4000 K	3390 lm	2480 lm	23 W	26 W	95 lm/W	4003-7-3-891-XX	-
Asym	2700 K	3160 lm	1960 lm	23 W	26 W	75 lm/W	4003-9-3-506-XX	-
	3000 K	3300 lm	2040 lm	23 W	26 W	78 lm/W	4003-9-3-887-XX	-
	4000 K	3390 lm	2100 lm	23 W	26 W	80 lm/W	4003-9-3-891-XX	-

*for DALI driver please consult your sales representative

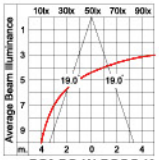
Light Distribution



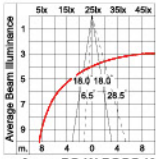
10° 20 W 3000 K



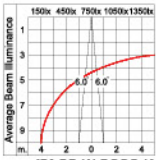
16° 20 W 3000 K



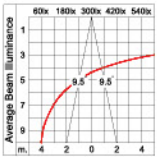
38° 20 W 3000 K



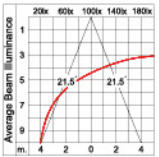
Asym 20 W 3000 K



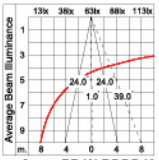
12° 23 W 3000 K



19° 23 W 3000 K



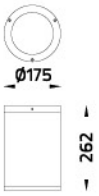
43° 23 W 3000 K



Asym 23 W 3000 K

Maxi TUBE – Surface Downlight

IP65 IK 08/06

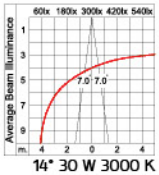


A++ A+

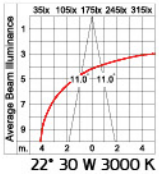
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
14°	3000 K	2700 lm	1940 lm	30 W	30 W	64 lm/W	4003-5-3-877-XX	–
	4000 K	2850 lm	2040 lm	30 W	30 W	68 lm/W	4003-5-3-878-XX	–
22°	3000 K	2700 lm	1800 lm	30 W	30 W	60 lm/W	4003-6-3-877-XX	–
	4000 K	2850 lm	1890 lm	30 W	30 W	63 lm/W	4003-6-3-878-XX	–
47°	3000 K	2700 lm	1850 lm	30 W	30 W	61 lm/W	4003-7-3-877-XX	–
	4000 K	2850 lm	1950 lm	30 W	30 W	65 lm/W	4003-7-3-878-XX	–
Asym	3000 K	2700 lm	1560 lm	30 W	30 W	52 lm/W	4003-9-3-877-XX	–
	4000 K	2850 lm	1640 lm	30 W	30 W	54 lm/W	4003-9-3-878-XX	–
12°	2700 K	4590 lm	3690 lm	36 W	40 W	92 lm/W	4003-5-3-505-XX	–
	3000 K	4790 lm	3850 lm	36 W	40 W	96 lm/W	4003-5-3-902-XX	–
	4000 K	4920 lm	3950 lm	36 W	40 W	98 lm/W	4003-5-3-905-XX	–
19°	2700 K	4590 lm	3300 lm	36 W	40 W	82 lm/W	4003-6-3-505-XX	–
	3000 K	4790 lm	3440 lm	36 W	40 W	86 lm/W	4003-6-3-902-XX	–
	4000 K	4920 lm	3530 lm	36 W	40 W	88 lm/W	4003-6-3-905-XX	–
43°	2700 K	4590 lm	3250 lm	36 W	40 W	81 lm/W	4003-7-3-505-XX	–
	3000 K	4790 lm	3390 lm	36 W	40 W	84 lm/W	4003-7-3-902-XX	–
	4000 K	4920 lm	3480 lm	36 W	40 W	87 lm/W	4003-7-3-905-XX	–
Asym	2700 K	4590 lm	2920 lm	36 W	40 W	73 lm/W	4003-9-3-505-XX	–
	3000 K	4790 lm	3050 lm	36 W	40 W	76 lm/W	4003-9-3-902-XX	–
	4000 K	4920 lm	3130 lm	36 W	40 W	78 lm/W	4003-9-3-905-XX	–

*for DALI driver please consult your sales representative

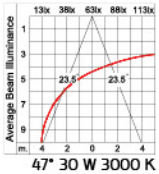
Light Distribution



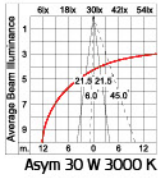
14° 30 W 3000 K



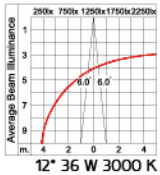
22° 30 W 3000 K



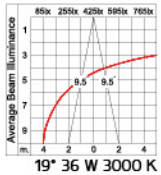
47° 30 W 3000 K



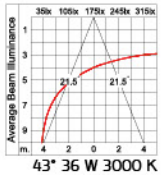
Asym 30 W 3000 K



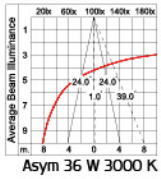
12° 36 W 3000 K



19° 36 W 3000 K



43° 36 W 3000 K

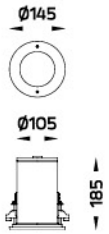


Asym 36 W 3000 K

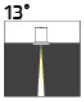
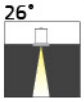
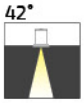
Unilamp

Mini TUBE – Recess Downlight / Clear Glass

IP65 IK 10/07

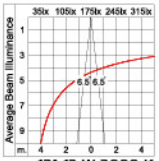


A++

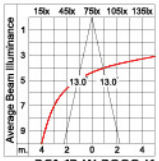
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
13° 	2700 K	1550 lm	1510 lm	12 W	15 W	100 lm/W	7312-5-3-503-XX	-
	3000 K	1620 lm	1570 lm	12 W	15 W	104 lm/W	7312-5-3-901-XX	-
	4000 K	1660 lm	1610 lm	12 W	15 W	107 lm/W	7312-5-3-904-XX	-
26° 	2700 K	1550 lm	1500 lm	12 W	15 W	100 lm/W	7312-6-3-503-XX	-
	3000 K	1620 lm	1570 lm	12 W	15 W	104 lm/W	7312-6-3-901-XX	-
	4000 K	1660 lm	1600 lm	12 W	15 W	106 lm/W	7312-6-3-904-XX	-
42° 	2700 K	1550 lm	1360 lm	12 W	15 W	90 lm/W	7312-7-3-503-XX	-
	3000 K	1620 lm	1430 lm	12 W	15 W	95 lm/W	7312-7-3-901-XX	-
	4000 K	1660 lm	1460 lm	12 W	15 W	97 lm/W	7312-7-3-904-XX	-

*for DALI driver please consult your sales representative

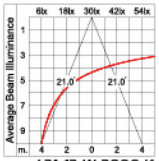
Light Distribution



13° 12 W 3000 K



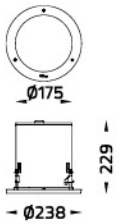
26° 12 W 3000 K



42° 12 W 3000 K

Maxi TUBE – Recess Downlight / Clear Glass

IP65 IK 08/06

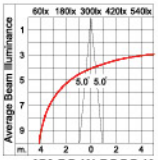


A++ A+

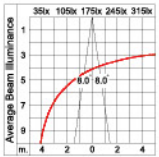
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
10°	3000 K	1800 lm	1230 lm	20 W	20 W	61 lm/W	7304-5-3-873-XX	-
	4000 K	1900 lm	1280 lm	20 W	20 W	64 lm/W	7304-5-3-874-XX	-
16°	3000 K	1800 lm	1090 lm	20 W	20 W	54 lm/W	7304-6-3-873-XX	-
	4000 K	1900 lm	1140 lm	20 W	20 W	57 lm/W	7304-6-3-874-XX	-
38°	3000 K	1800 lm	1070 lm	20 W	20 W	53 lm/W	7304-7-3-873-XX	-
	4000 K	1900 lm	1120 lm	20 W	20 W	56 lm/W	7304-7-3-874-XX	-
Asym	3000 K	1800 lm	1110 lm	20 W	20 W	55 lm/W	7304-9-3-873-XX	-
	4000 K	1900 lm	1160 lm	20 W	20 W	58 lm/W	7304-9-3-874-XX	-
12°	2700 K	3160 lm	2720 lm	23 W	26 W	104 lm/W	7304-5-3-506-XX	-
	3000 K	3300 lm	2840 lm	23 W	26 W	109 lm/W	7304-5-3-887-XX	-
	4000 K	3390 lm	2920 lm	23 W	26 W	112 lm/W	7304-5-3-891-XX	-
19°	2700 K	3160 lm	2350 lm	23 W	26 W	90 lm/W	7304-6-3-506-XX	-
	3000 K	3300 lm	2460 lm	23 W	26 W	94 lm/W	7304-6-3-887-XX	-
	4000 K	3390 lm	2520 lm	23 W	26 W	96 lm/W	7304-6-3-891-XX	-
43°	2700 K	3160 lm	2310 lm	23 W	26 W	88 lm/W	7304-7-3-506-XX	-
	3000 K	3300 lm	2410 lm	23 W	26 W	92 lm/W	7304-7-3-887-XX	-
	4000 K	3390 lm	2480 lm	23 W	26 W	95 lm/W	7304-7-3-891-XX	-
Asym	2700 K	3160 lm	1960 lm	23 W	26 W	75 lm/W	7304-9-3-506-XX	-
	3000 K	3300 lm	2040 lm	23 W	26 W	78 lm/W	7304-9-3-887-XX	-
	4000 K	3390 lm	2100 lm	23 W	26 W	80 lm/W	7304-9-3-891-XX	-

*for DALI driver please consult your sales representative

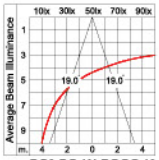
Light Distribution



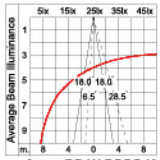
10° 20 W 3000 K



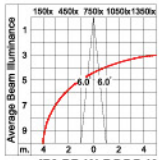
16° 20 W 3000 K



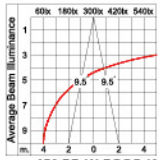
38° 20 W 3000 K



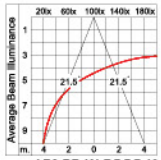
Asym 20 W 3000 K



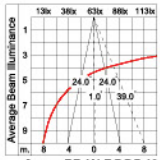
12° 23 W 3000 K



19° 23 W 3000 K



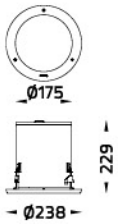
43° 23 W 3000 K



Asym 23 W 3000 K

Maxi TUBE – Recess Downlight / Clear Glass

IP65 IK 08/06

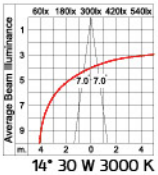


A++ A+

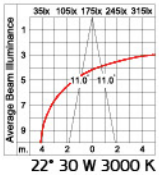
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
14°	3000 K	2700 lm	1940 lm	30 W	30 W	64 lm/W	7304-5-3-877-XX	-
	4000 K	2850 lm	2040 lm	30 W	30 W	68 lm/W	7304-5-3-878-XX	-
22°	3000 K	2700 lm	1800 lm	30 W	30 W	60 lm/W	7304-6-3-877-XX	-
	4000 K	2850 lm	1890 lm	30 W	30 W	63 lm/W	7304-6-3-878-XX	-
47°	3000 K	2700 lm	1850 lm	30 W	30 W	61 lm/W	7304-7-3-877-XX	-
	4000 K	2850 lm	1950 lm	30 W	30 W	65 lm/W	7304-7-3-878-XX	-
Asym	3000 K	2700 lm	1560 lm	30 W	30 W	52 lm/W	7304-9-3-877-XX	-
	4000 K	2850 lm	1640 lm	30 W	30 W	54 lm/W	7304-9-3-878-XX	-
12°	2700 K	4590 lm	3690 lm	36 W	40 W	92 lm/W	7304-5-3-505-XX	-
	3000 K	4790 lm	3850 lm	36 W	40 W	96 lm/W	7304-5-3-902-XX	-
	4000 K	4920 lm	3950 lm	36 W	40 W	98 lm/W	7304-5-3-905-XX	-
19°	2700 K	4590 lm	3300 lm	36 W	40 W	82 lm/W	7304-6-3-505-XX	-
	3000 K	4790 lm	3440 lm	36 W	40 W	86 lm/W	7304-6-3-902-XX	-
	4000 K	4920 lm	3530 lm	36 W	40 W	88 lm/W	7304-6-3-905-XX	-
43°	2700 K	4590 lm	3250 lm	36 W	40 W	81 lm/W	7304-7-3-505-XX	-
	3000 K	4790 lm	3390 lm	36 W	40 W	84 lm/W	7304-7-3-902-XX	-
	4000 K	4920 lm	3480 lm	36 W	40 W	87 lm/W	7304-7-3-905-XX	-
Asym	2700 K	4590 lm	2920 lm	36 W	40 W	73 lm/W	7304-9-3-505-XX	-
	3000 K	4790 lm	3050 lm	36 W	40 W	76 lm/W	7304-9-3-902-XX	-
	4000 K	4920 lm	3130 lm	36 W	40 W	78 lm/W	7304-9-3-905-XX	-

*for DALI driver please consult your sales representative

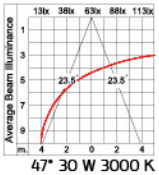
Light Distribution



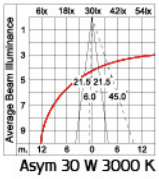
14° 30 W 3000 K



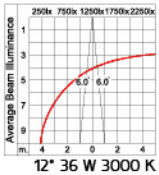
22° 30 W 3000 K



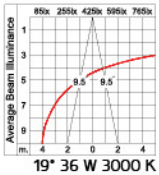
47° 30 W 3000 K



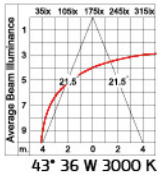
Asym 30 W 3000 K



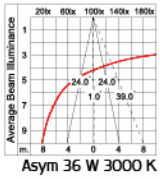
12° 36 W 3000 K



19° 36 W 3000 K



43° 36 W 3000 K

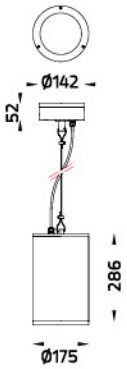


Asym 36 W 3000 K

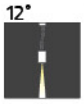
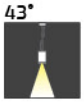
Unilamp

Maxi TUBE – Suspension

IP65 IK 08/07

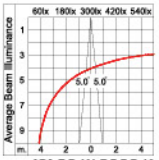


A++ A+

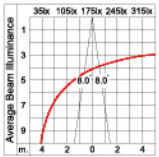
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
10°	3000 K	1800 lm	1220 lm	20 W	20 W	61 lm/W	1016-5-3-873-XX	–
	4000 K	1900 lm	1280 lm	20 W	20 W	64 lm/W	1016-5-3-874-XX	–
16°	3000 K	1800 lm	1090 lm	20 W	20 W	54 lm/W	1016-6-3-873-XX	–
	4000 K	1900 lm	1140 lm	20 W	20 W	57 lm/W	1016-6-3-874-XX	–
38°	3000 K	1800 lm	1070 lm	20 W	20 W	53 lm/W	1016-7-3-873-XX	–
	4000 K	1900 lm	1120 lm	20 W	20 W	56 lm/W	1016-7-3-874-XX	–
12° 	2700 K	3160 lm	2720 lm	23 W	26 W	104 lm/W	1016-5-3-506-XX	–
	3000 K	3300 lm	2840 lm	23 W	26 W	109 lm/W	1016-5-3-887-XX	–
	4000 K	3390 lm	2920 lm	23 W	26 W	112 lm/W	1016-5-3-891-XX	–
19°	2700 K	3160 lm	2350 lm	23 W	26 W	90 lm/W	1016-6-3-506-XX	–
	3000 K	3300 lm	2460 lm	23 W	26 W	94 lm/W	1016-6-3-887-XX	–
	4000 K	3390 lm	2520 lm	23 W	26 W	96 lm/W	1016-6-3-891-XX	–
43° 	2700 K	3160 lm	2310 lm	23 W	26 W	88 lm/W	1016-7-3-506-XX	–
	3000 K	3300 lm	2410 lm	23 W	26 W	92 lm/W	1016-7-3-887-XX	–
	4000 K	3390 lm	2480 lm	23 W	26 W	95 lm/W	1016-7-3-891-XX	–

*for DALI driver please consult your sales representative

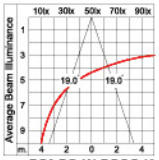
Light Distribution



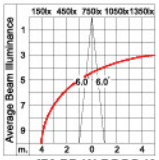
10° 20 W 3000 K



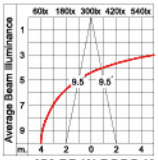
16° 20 W 3000 K



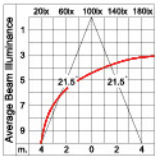
38° 20 W 3000 K



12° 23 W 3000 K



19° 23 W 3000 K

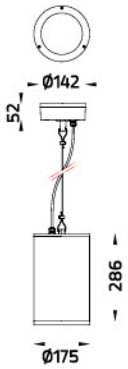


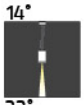
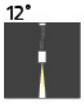
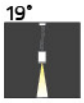
43° 23 W 3000 K

Maxi TUBE – Suspension

IP65 IK 08/07 CE LED AC COB

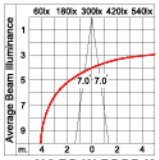
A++ A+



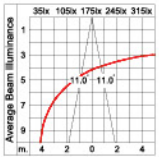
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
14° 	3000 K	2700 lm	1940 lm	30 W	30 W	64 lm/W	1016-5-3-877-XX	–
	4000 K	2850 lm	2040 lm	30 W	30 W	68 lm/W	1016-5-3-878-XX	–
22°	3000 K	2700 lm	1800 lm	30 W	30 W	60 lm/W	1016-6-3-877-XX	–
	4000 K	2850 lm	1890 lm	30 W	30 W	63 lm/W	1016-6-3-878-XX	–
47°	3000 K	2700 lm	1850 lm	30 W	30 W	61 lm/W	1016-7-3-877-XX	–
	4000 K	2850 lm	1950 lm	30 W	30 W	65 lm/W	1016-7-3-878-XX	–
12° 	2700 K	4590 lm	3690 lm	36 W	40 W	92 lm/W	1016-5-3-505-XX	–
	3000 K	4790 lm	3850 lm	36 W	40 W	96 lm/W	1016-5-3-902-XX	–
	4000 K	4920 lm	3950 lm	36 W	40 W	98 lm/W	1016-5-3-905-XX	–
19° 	2700 K	4590 lm	3300 lm	36 W	40 W	82 lm/W	1016-6-3-505-XX	–
	3000 K	4790 lm	3440 lm	36 W	40 W	86 lm/W	1016-6-3-902-XX	–
	4000 K	4920 lm	3530 lm	36 W	40 W	88 lm/W	1016-6-3-905-XX	–
43°	2700 K	4590 lm	3250 lm	36 W	40 W	81 lm/W	1016-7-3-505-XX	–
	3000 K	4790 lm	3390 lm	36 W	40 W	84 lm/W	1016-7-3-902-XX	–
	4000 K	4920 lm	3480 lm	36 W	40 W	87 lm/W	1016-7-3-905-XX	–

*for DALI driver please consult your sales representative

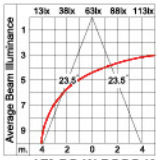
Light Distribution



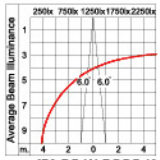
14° 30 W 3000 K



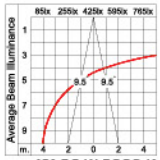
22° 30 W 3000 K



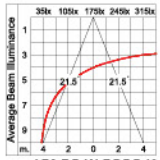
47° 30 W 3000 K



12° 36 W 3000 K



19° 36 W 3000 K

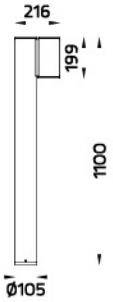


43° 36 W 3000 K

Unilamp

Mini TUBE – Bollard / Single Sided

IP65 IK 10 07

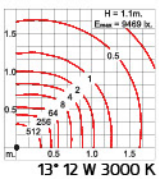


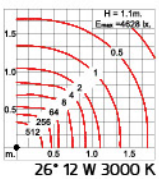
Mini TUBE Bollard is also available in double sided.
For Double Sided version : Replace 4 digit of ordering code with 7145

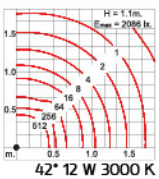
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
13°	2700 K	1550 lm	1510 lm	12 W	15 W	100 lm/W	7144-5-3-503-XX	-
	3000 K	1620 lm	1570 lm	12 W	15 W	104 lm/W	7144-5-3-901-XX	-
	4000 K	1660 lm	1610 lm	12 W	15 W	107 lm/W	7144-5-3-904-XX	-
26°	2700 K	1550 lm	1500 lm	12 W	15 W	100 lm/W	7144-6-3-503-XX	-
	3000 K	1620 lm	1570 lm	12 W	15 W	104 lm/W	7144-6-3-901-XX	-
	4000 K	1660 lm	1600 lm	12 W	15 W	106 lm/W	7144-6-3-904-XX	-
42°	2700 K	1550 lm	1360 lm	12 W	15 W	90 lm/W	7144-7-3-503-XX	-
	3000 K	1620 lm	1430 lm	12 W	15 W	95 lm/W	7144-7-3-901-XX	-
	4000 K	1660 lm	1460 lm	12 W	15 W	97 lm/W	7144-7-3-904-XX	-

*for DALI driver please consult your sales representative

Light Distribution

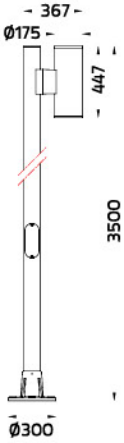

13° 12 W 3000 K


26° 12 W 3000 K


42° 12 W 3000 K

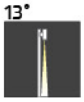
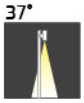
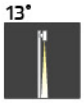
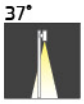
Maxi TUBE – Pole Light / Single Sided

IP65 IK 08/07



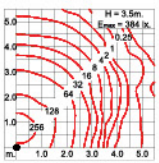
Maxi TUBE Pole Light also available in double sided.
For Double Sided version : Replace 4 digit of ordering code with 7239

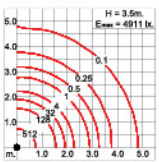
A++

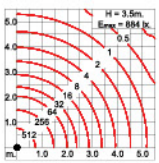
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
Asym	2700 K	4590 lm	3690 lm	36 W	40 W	92 lm/W	7238-9-3-505-XX	-
	3000 K	4790 lm	3850 lm	36 W	40 W	96 lm/W	7238-9-3-902-XX	-
	4000 K	4920 lm	3950 lm	36 W	40 W	98 lm/W	7238-9-3-905-XX	-
13° 	2700 K	7110 lm	5710 lm	52 W	56 W	101 lm/W	7238-5-3-508-XX	-
	3000 K	7420 lm	5960 lm	52 W	56 W	106 lm/W	7238-5-3-888-XX	-
	4000 K	7610 lm	6120 lm	52 W	56 W	109 lm/W	7238-5-3-892-XX	-
37° 	2700 K	7110 lm	5040 lm	52 W	56 W	90 lm/W	7238-7-3-508-XX	-
	3000 K	7420 lm	5260 lm	52 W	56 W	93 lm/W	7238-7-3-888-XX	-
	4000 K	7610 lm	5400 lm	52 W	56 W	96 lm/W	7238-7-3-892-XX	-
13° 	2700 K	9300 lm	7480 lm	70 W	76 W	98 lm/W	7238-5-3-507-XX	-
	3000 K	9700 lm	7800 lm	70 W	76 W	102 lm/W	7238-5-3-903-XX	-
	4000 K	9950 lm	8000 lm	70 W	76 W	105 lm/W	7238-5-3-906-XX	-
37° 	2700 K	9300 lm	6600 lm	70 W	76 W	86 lm/W	7238-7-3-507-XX	-
	3000 K	9700 lm	6880 lm	70 W	76 W	90 lm/W	7238-7-3-903-XX	-
	4000 K	9950 lm	7060 lm	70 W	76 W	92 lm/W	7238-7-3-906-XX	-

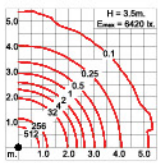
*for DALI driver please consult your sales representative

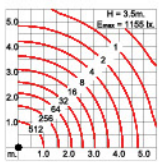
Light Distribution


Asym 36 W 3000 K


13° 52 W 3000 K


37° 52 W 3000 K

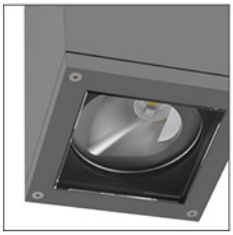

13° 70 W 3000 K


37° 70 W 3000 K

CORE

Characterized by clean and clear-cut lines CORE is a family of square wall light, ceiling light, bollard and pole lights. CORE is available in two sizes and equipped with COB LED in three color temperatures and exceptional color consistency. The computer-aided-design of the parabolic reflector provides efficient light emission and distribution. The housing is dust and water protected through the extensive engineering design and testing. CORE is recommended to illuminate columns, facades, walkways and various architectural design works. The pole lights give a great level of downward light with symmetric or asymmetric light distributions.

Choices of light distribution angles.

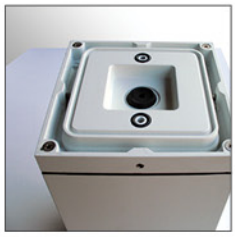


Available in Asymmetric light distribution.

High power COB LED.

Designed and tested at Ta 40° C.

Armor shield coating.



Precise construction encourages reliable IP rating.

CORE

Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-1, IEC 60598-2-2 and VDE regulations.
- LM6 Die Cast Aluminium and Extruded Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- High efficiency reflector.
- Weather proof grommet.
- GFR PA6.6 terminal block.
- Installation work has to be carried on according to the enclosed installation manual.

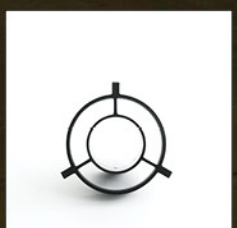
Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Accessories

Anchor Bolt Kit for Maxi CORE Pole Light.
Ordering Code : 9-2025-00

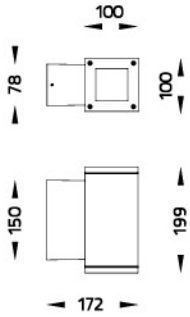
Anchor Bolt Kit for Bollard.
Ordering Code :
0270-0-9-000-00



Glare Shield Ring for COB.
(for Maxi CORE)
Ordering Code :
0268-0-9-000-00

Mini CORE – Wall Up/Downlight

IP65 IK 10/07



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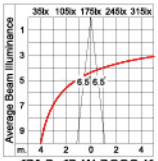
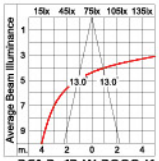
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
13°	2700 K	2x1550 lm	2440 lm	2x12 W	29 W	84 lm/W	5111-5-3-503-XX	-
	3000 K	2x1620 lm	2560 lm	2x12 W	29 W	88 lm/W	5111-5-3-901-XX	-
	4000 K	2x1660 lm	2620 lm	2x12 W	29 W	90 lm/W	5111-5-3-904-XX	-
26°	2700 K	2x1550 lm	2420 lm	2x12 W	29 W	83 lm/W	5111-6-3-503-XX	-
	3000 K	2x1620 lm	2540 lm	2x12 W	29 W	87 lm/W	5111-6-3-901-XX	-
	4000 K	2x1660 lm	2600 lm	2x12 W	29 W	89 lm/W	5111-6-3-904-XX	-
42°	2700 K	2x1550 lm	2320 lm	2x12 W	29 W	80 lm/W	5111-7-3-503-XX	-
	3000 K	2x1620 lm	2420 lm	2x12 W	29 W	83 lm/W	5111-7-3-901-XX	-
	4000 K	2x1660 lm	2480 lm	2x12 W	29 W	85 lm/W	5111-7-3-904-XX	-

*for DALI option please consult your sales representative

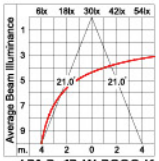
Light Distribution



13° 2x12 W 3000 K



26° 2x12 W 3000 K

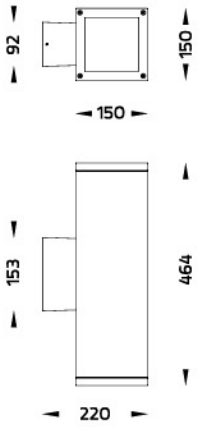


42° 2x12 W 3000 K

PARKLAND
PARKLAND
PARKLAND

Maxi CORE – Wall Up/Downlight

IP65 IK 10/07 CE LED AC COB

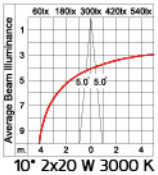


A++ A+

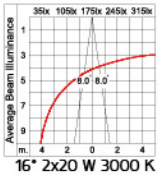
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
10°	3000 K	2x1800 lm	2860 lm	2x20 W	40 W	71 lm/W	5101-5-3-873-XX	–
	4000 K	2x1900 lm	3000 lm	2x20 W	40 W	75 lm/W	5101-5-3-874-XX	–
16°	3000 K	2x1800 lm	2800 lm	2x20 W	40 W	70 lm/W	5101-6-3-873-XX	–
	4000 K	2x1900 lm	2940 lm	2x20 W	40 W	73 lm/W	5101-6-3-874-XX	–
38°	3000 K	2x1800 lm	2540 lm	2x20 W	40 W	63 lm/W	5101-7-3-873-XX	–
	4000 K	2x1900 lm	2660 lm	2x20 W	40 W	66 lm/W	5101-7-3-874-XX	–
Asym	3000 K	2x1800 lm	2700 lm	2x20 W	40 W	67 lm/W	5101-9-3-873-XX	–
	4000 K	2x1900 lm	2840 lm	2x20 W	40 W	71 lm/W	5101-9-3-874-XX	–
12°	2700 K	2x3160 lm	5580 lm	2x23 W	50 W	111 lm/W	5101-5-3-506-XX	–
	3000 K	2x3300 lm	5840 lm	2x23 W	50 W	116 lm/W	5101-5-3-887-XX	–
	4000 K	2x3390 lm	6000 lm	2x23 W	50 W	120 lm/W	5101-5-3-891-XX	–
19°	2700 K	2x3160 lm	5300 lm	2x23 W	50 W	106 lm/W	5101-6-3-506-XX	–
	3000 K	2x3300 lm	5540 lm	2x23 W	50 W	110 lm/W	5101-6-3-887-XX	–
	4000 K	2x3390 lm	5680 lm	2x23 W	50 W	113 lm/W	5101-6-3-891-XX	–
43°	2700 K	2x3160 lm	4940 lm	2x23 W	50 W	98 lm/W	5101-7-3-506-XX	–
	3000 K	2x3300 lm	5160 lm	2x23 W	50 W	103 lm/W	5101-7-3-887-XX	–
	4000 K	2x3390 lm	5320 lm	2x23 W	50 W	106 lm/W	5101-7-3-891-XX	–
Asym	2700 K	2x3160 lm	4580 lm	2x23 W	50 W	91 lm/W	5101-9-3-506-XX	–
	3000 K	2x3300 lm	4800 lm	2x23 W	50 W	96 lm/W	5101-9-3-887-XX	–
	4000 K	2x3390 lm	4920 lm	2x23 W	50 W	98 lm/W	5101-9-3-891-XX	–

*for DALI option please consult your sales representative

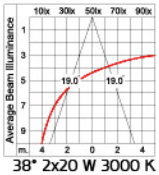
Light Distribution



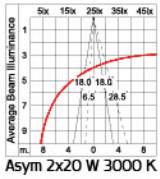
10° 2x20 W 3000 K



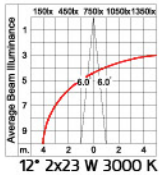
16° 2x20 W 3000 K



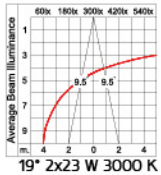
38° 2x20 W 3000 K



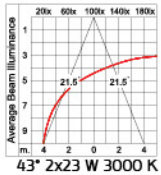
Asym 2x20 W 3000 K



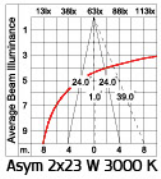
12° 2x23 W 3000 K



19° 2x23 W 3000 K



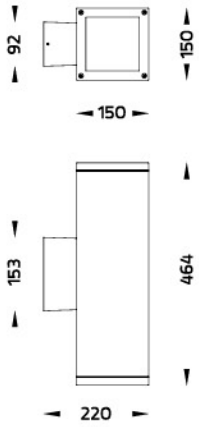
43° 2x23 W 3000 K



Asym 2x23 W 3000 K

Maxi CORE – Wall Up/Downlight

IP65 IK 10/07 CE LED AC COB

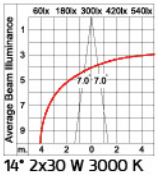


A++ A+

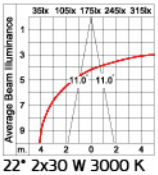
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
14°	3000 K	2x2700 lm	4680 lm	2x30 W	60 W	78 lm/W	5101-5-3-877-XX	-
	4000 K	2x2850 lm	4920 lm	2x30 W	60 W	82 lm/W	5101-5-3-878-XX	-
22°	3000 K	2x2700 lm	4580 lm	2x30 W	60 W	76 lm/W	5101-6-3-877-XX	-
	4000 K	2x2850 lm	4800 lm	2x30 W	60 W	80 lm/W	5101-6-3-878-XX	-
47°	3000 K	2x2700 lm	4220 lm	2x30 W	60 W	70 lm/W	5101-7-3-877-XX	-
	4000 K	2x2850 lm	4440 lm	2x30 W	60 W	74 lm/W	5101-7-3-878-XX	-
Asym	3000 K	2x2700 lm	4520 lm	2x30 W	60 W	75 lm/W	5101-9-3-877-XX	-
	4000 K	2x2850 lm	4760 lm	2x30 W	60 W	79 lm/W	5101-9-3-878-XX	-
12°	2700 K	2x4390 lm	7160 lm	2x34 W	72 W	99 lm/W	5101-5-3-505-XX	-
	3000 K	2x4590 lm	7480 lm	2x34 W	72 W	103 lm/W	5101-5-3-902-XX	-
	4000 K	2x4700 lm	7660 lm	2x34 W	72 W	106 lm/W	5101-5-3-905-XX	-
19°	2700 K	2x4390 lm	6780 lm	2x34 W	72 W	94 lm/W	5101-6-3-505-XX	-
	3000 K	2x4590 lm	7100 lm	2x34 W	72 W	98 lm/W	5101-6-3-902-XX	-
	4000 K	2x4700 lm	7260 lm	2x34 W	72 W	100 lm/W	5101-6-3-905-XX	-
43°	2700 K	2x4390 lm	6440 lm	2x34 W	72 W	89 lm/W	5101-7-3-505-XX	-
	3000 K	2x4590 lm	6720 lm	2x34 W	72 W	93 lm/W	5101-7-3-902-XX	-
	4000 K	2x4700 lm	6880 lm	2x34 W	72 W	95 lm/W	5101-7-3-905-XX	-
Asym	2700 K	2x4390 lm	6100 lm	2x34 W	72 W	84 lm/W	5101-9-3-505-XX	-
	3000 K	2x4590 lm	6380 lm	2x34 W	72 W	88 lm/W	5101-9-3-902-XX	-
	4000 K	2x4700 lm	6540 lm	2x34 W	72 W	90 lm/W	5101-9-3-905-XX	-

*for DALI option please consult your sales representative

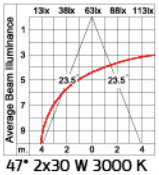
Light Distribution



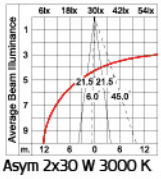
14° 2x30 W 3000 K



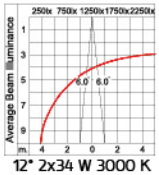
22° 2x30 W 3000 K



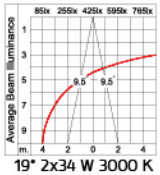
47° 2x30 W 3000 K



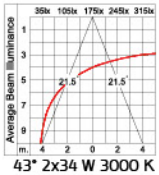
Asym 2x30 W 3000 K



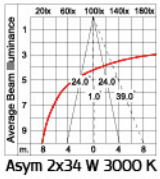
12° 2x34 W 3000 K



19° 2x34 W 3000 K



43° 2x34 W 3000 K

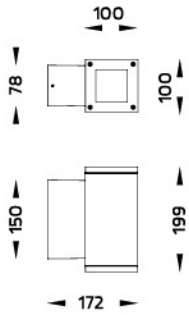


Asym 2x34 W 3000 K

Unilamp

Mini CORE – Wall Downlight

IP65 IK 07/07



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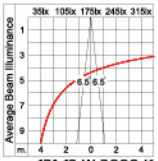
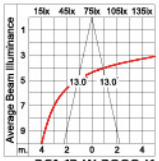
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
13°	2700 K	1550 lm	1220 lm	12 W	15 W	81 lm/W	5112–5–3–503–XX	–
	3000 K	1620 lm	1280 lm	12 W	15 W	85 lm/W	5112–5–3–901–XX	–
	4000 K	1660 lm	1310 lm	12 W	15 W	87 lm/W	5112–5–3–904–XX	–
26°	2700 K	1550 lm	1210 lm	12 W	15 W	80 lm/W	5112–6–3–503–XX	–
	3000 K	1620 lm	1270 lm	12 W	15 W	84 lm/W	5112–6–3–901–XX	–
	4000 K	1660 lm	1300 lm	12 W	15 W	86 lm/W	5112–6–3–904–XX	–
42°	2700 K	1550 lm	1160 lm	12 W	15 W	77 lm/W	5112–7–3–503–XX	–
	3000 K	1620 lm	1210 lm	12 W	15 W	80 lm/W	5112–7–3–901–XX	–
	4000 K	1660 lm	1240 lm	12 W	15 W	82 lm/W	5112–7–3–904–XX	–

*for DALI option please consult your sales representative

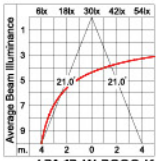
Light Distribution



13° 12 W 3000 K



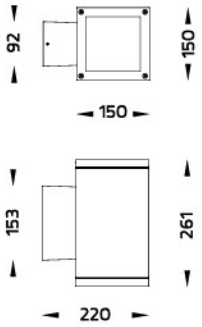
26° 12 W 3000 K



42° 12 W 3000 K

Maxi CORE – Wall Downlight

IP65 IK 08/07

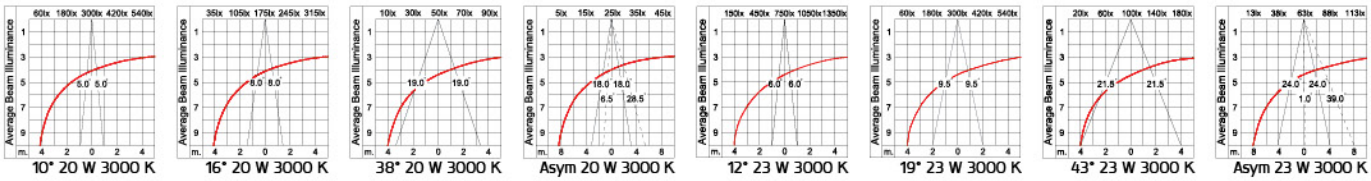


A++ A+

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
10°	3000 K	1800 lm	1430 lm	20 W	20 W	71 lm/W	5102-5-3-873-XX	-
	4000 K	1900 lm	1500 lm	20 W	20 W	75 lm/W	5102-5-3-874-XX	-
16°	3000 K	1800 lm	1400 lm	20 W	20 W	70 lm/W	5102-6-3-873-XX	-
	4000 K	1900 lm	1470 lm	20 W	20 W	73 lm/W	5102-6-3-874-XX	-
38°	3000 K	1800 lm	1270 lm	20 W	20 W	63 lm/W	5102-7-3-873-XX	-
	4000 K	1900 lm	1330 lm	20 W	20 W	66 lm/W	5102-7-3-874-XX	-
Asym	3000 K	1800 lm	1350 lm	20 W	20 W	67 lm/W	5102-9-3-873-XX	-
	4000 K	1900 lm	1420 lm	20 W	20 W	71 lm/W	5102-9-3-874-XX	-
12°	2700 K	3160 lm	2790 lm	23 W	26 W	107 lm/W	5102-5-3-506-XX	-
	3000 K	3300 lm	2920 lm	23 W	26 W	112 lm/W	5102-5-3-887-XX	-
	4000 K	3390 lm	3000 lm	23 W	26 W	115 lm/W	5102-5-3-891-XX	-
19°	2700 K	3160 lm	2650 lm	23 W	26 W	101 lm/W	5102-6-3-506-XX	-
	3000 K	3300 lm	2770 lm	23 W	26 W	106 lm/W	5102-6-3-887-XX	-
	4000 K	3390 lm	2840 lm	23 W	26 W	109 lm/W	5102-6-3-891-XX	-
43°	2700 K	3160 lm	2470 lm	23 W	26 W	95 lm/W	5102-7-3-506-XX	-
	3000 K	3300 lm	2580 lm	23 W	26 W	99 lm/W	5102-7-3-887-XX	-
	4000 K	3390 lm	2660 lm	23 W	26 W	102 lm/W	5102-7-3-891-XX	-
Asym	2700 K	3160 lm	2290 lm	23 W	26 W	88 lm/W	5102-9-3-506-XX	-
	3000 K	3300 lm	2400 lm	23 W	26 W	92 lm/W	5102-9-3-887-XX	-
	4000 K	3390 lm	2460 lm	23 W	26 W	94 lm/W	5102-9-3-891-XX	-

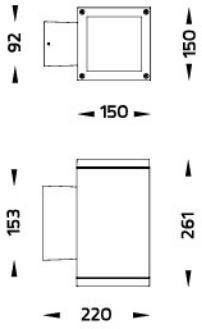
*for DALI option please consult your sales representative

Light Distribution



Maxi CORE – Wall Downlight

IP65 IK 08/07

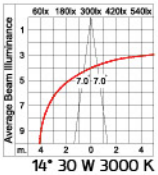


A++ A+

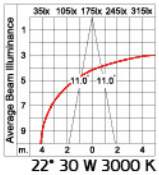
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
14°	3000 K	2700 lm	2340 lm	30 W	30 W	78 lm/W	5102-5-3-877-XX	-
	4000 K	2850 lm	2460 lm	30 W	30 W	82 lm/W	5102-5-3-878-XX	-
22°	3000 K	2700 lm	2290 lm	30 W	30 W	76 lm/W	5102-6-3-877-XX	-
	4000 K	2850 lm	2400 lm	30 W	30 W	80 lm/W	5102-6-3-878-XX	-
47°	3000 K	2700 lm	2110 lm	30 W	30 W	70 lm/W	5102-7-3-877-XX	-
	4000 K	2850 lm	2220 lm	30 W	30 W	74 lm/W	5102-7-3-878-XX	-
Asym	3000 K	2700 lm	2260 lm	30 W	30 W	75 lm/W	5102-9-3-877-XX	-
	4000 K	2850 lm	2380 lm	30 W	30 W	79 lm/W	5102-9-3-878-XX	-
12°	2700 K	4590 lm	3740 lm	36 W	40 W	93 lm/W	5102-5-3-505-XX	-
	3000 K	4790 lm	3900 lm	36 W	40 W	97 lm/W	5102-5-3-902-XX	-
	4000 K	4920 lm	4010 lm	36 W	40 W	100 lm/W	5102-5-3-905-XX	-
19°	2700 K	4590 lm	3550 lm	36 W	40 W	88 lm/W	5102-6-3-505-XX	-
	3000 K	4790 lm	3700 lm	36 W	40 W	92 lm/W	5102-6-3-902-XX	-
	4000 K	4920 lm	3800 lm	36 W	40 W	95 lm/W	5102-6-3-905-XX	-
43°	2700 K	4590 lm	3360 lm	36 W	40 W	84 lm/W	5102-7-3-505-XX	-
	3000 K	4790 lm	3510 lm	36 W	40 W	87 lm/W	5102-7-3-902-XX	-
	4000 K	4920 lm	3610 lm	36 W	40 W	90 lm/W	5102-7-3-905-XX	-
Asym	2700 K	4590 lm	3050 lm	36 W	40 W	76 lm/W	5102-9-3-505-XX	-
	3000 K	4790 lm	3190 lm	36 W	40 W	79 lm/W	5102-9-3-902-XX	-
	4000 K	4920 lm	3270 lm	36 W	40 W	81 lm/W	5102-9-3-905-XX	-

*for DALI option please consult your sales representative

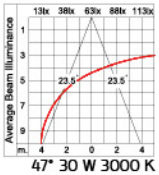
Light Distribution



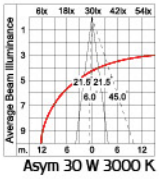
14° 30 W 3000 K



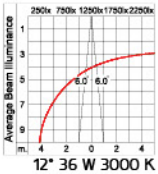
22° 30 W 3000 K



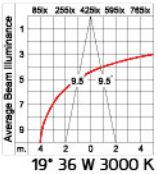
47° 30 W 3000 K



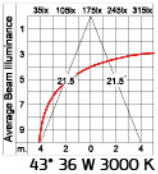
Asym 30 W 3000 K



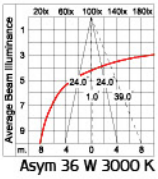
12° 36 W 3000 K



19° 36 W 3000 K



43° 36 W 3000 K

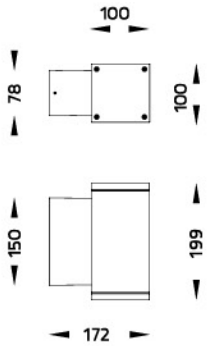


Asym 36 W 3000 K

Unilamp

Mini CORE – Wall Uplight

IP65 IK 07/07



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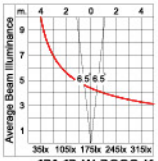
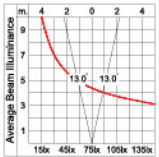
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
13°	2700 K	1550 lm	1220 lm	12 W	15 W	81 lm/W	5144-5-3-503-XX	-
	3000 K	1620 lm	1280 lm	12 W	15 W	85 lm/W	5144-5-3-901-XX	-
	4000 K	1660 lm	1310 lm	12 W	15 W	87 lm/W	5144-5-3-904-XX	-
26°	2700 K	1550 lm	1210 lm	12 W	15 W	80 lm/W	5144-6-3-503-XX	-
	3000 K	1620 lm	1270 lm	12 W	15 W	84 lm/W	5144-6-3-901-XX	-
	4000 K	1660 lm	1300 lm	12 W	15 W	86 lm/W	5144-6-3-904-XX	-
42°	2700 K	1550 lm	1160 lm	12 W	15 W	77 lm/W	5144-7-3-503-XX	-
	3000 K	1620 lm	1210 lm	12 W	15 W	80 lm/W	5144-7-3-901-XX	-
	4000 K	1660 lm	1240 lm	12 W	15 W	82 lm/W	5144-7-3-904-XX	-

*for DALI option please consult your sales representative

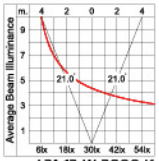
Light Distribution



13° 12 W 3000 K



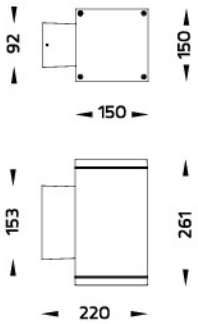
26° 12 W 3000 K



42° 12 W 3000 K

Maxi CORE – Wall Uplight

IP65 IK 08/07

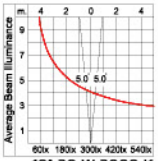


A++ A+

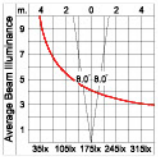
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
10°	3000 K	1800 lm	1430 lm	20 W	20 W	71 lm/W	5145-5-3-873-XX	–
	4000 K	1900 lm	1500 lm	20 W	20 W	75 lm/W	5145-5-3-874-XX	–
16°	3000 K	1800 lm	1400 lm	20 W	20 W	70 lm/W	5145-6-3-873-XX	–
	4000 K	1900 lm	1470 lm	20 W	20 W	73 lm/W	5145-6-3-874-XX	–
38°	3000 K	1800 lm	1270 lm	20 W	20 W	63 lm/W	5145-7-3-873-XX	–
	4000 K	1900 lm	1330 lm	20 W	20 W	66 lm/W	5145-7-3-874-XX	–
Asym	3000 K	1800 lm	1350 lm	20 W	20 W	67 lm/W	5145-9-3-873-XX	–
	4000 K	1900 lm	1420 lm	20 W	20 W	71 lm/W	5145-9-3-874-XX	–
12°	2700 K	3160 lm	2790 lm	23 W	26 W	107 lm/W	5145-5-3-506-XX	–
	3000 K	3300 lm	2920 lm	23 W	26 W	112 lm/W	5145-5-3-887-XX	–
	4000 K	3390 lm	3000 lm	23 W	26 W	115 lm/W	5145-5-3-891-XX	–
19°	2700 K	3160 lm	2650 lm	23 W	26 W	101 lm/W	5145-6-3-506-XX	–
	3000 K	3300 lm	2770 lm	23 W	26 W	106 lm/W	5145-6-3-887-XX	–
	4000 K	3390 lm	2840 lm	23 W	26 W	109 lm/W	5145-6-3-891-XX	–
43°	2700 K	3160 lm	2470 lm	23 W	26 W	95 lm/W	5145-7-3-506-XX	–
	3000 K	3300 lm	2580 lm	23 W	26 W	99 lm/W	5145-7-3-887-XX	–
	4000 K	3390 lm	2660 lm	23 W	26 W	102 lm/W	5145-7-3-891-XX	–
Asym	2700 K	3160 lm	2290 lm	23 W	26 W	88 lm/W	5145-9-3-506-XX	–
	3000 K	3300 lm	2400 lm	23 W	26 W	92 lm/W	5145-9-3-887-XX	–
	4000 K	3390 lm	2460 lm	23 W	26 W	94 lm/W	5145-9-3-891-XX	–

*for DALI option please consult your sales representative

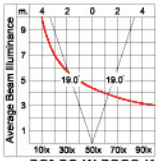
Light Distribution



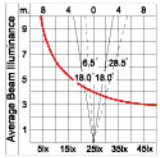
10° 20 W 3000 K



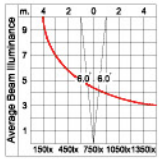
16° 20 W 3000 K



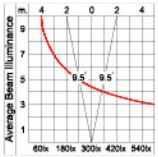
38° 20 W 3000 K



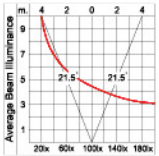
Asym 20 W 3000 K



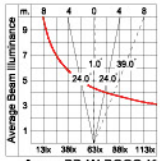
12° 23 W 3000 K



19° 23 W 3000 K



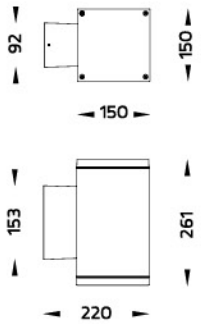
43° 23 W 3000 K



Asym 23 W 3000 K

Maxi CORE – Wall Uplight

IP65 IK 08/07 CE LED AC COB

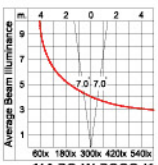


A++ A+

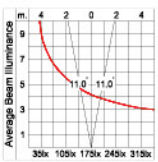
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
14°	3000 K	2700 lm	2340 lm	30 W	30 W	78 lm/W	5145-5-3-877-XX	-
	4000 K	2850 lm	2460 lm	30 W	30 W	82 lm/W	5145-5-3-878-XX	-
22°	3000 K	2700 lm	2290 lm	30 W	30 W	76 lm/W	5145-6-3-877-XX	-
	4000 K	2850 lm	2400 lm	30 W	30 W	80 lm/W	5145-6-3-878-XX	-
47°	3000 K	2700 lm	2110 lm	30 W	30 W	70 lm/W	5145-7-3-877-XX	-
	4000 K	2850 lm	2220 lm	30 W	30 W	74 lm/W	5145-7-3-878-XX	-
Asym	3000 K	2700 lm	2260 lm	30 W	30 W	75 lm/W	5145-9-3-877-XX	-
	4000 K	2850 lm	2380 lm	30 W	30 W	79 lm/W	5145-9-3-878-XX	-
12°	2700 K	4590 lm	3740 lm	36 W	40 W	93 lm/W	5145-5-3-505-XX	-
	3000 K	4790 lm	3900 lm	36 W	40 W	97 lm/W	5145-5-3-902-XX	-
	4000 K	4920 lm	4010 lm	36 W	40 W	100 lm/W	5145-5-3-905-XX	-
19°	2700 K	4590 lm	3550 lm	36 W	40 W	88 lm/W	5145-6-3-505-XX	-
	3000 K	4790 lm	3700 lm	36 W	40 W	92 lm/W	5145-6-3-902-XX	-
	4000 K	4920 lm	3800 lm	36 W	40 W	95 lm/W	5145-6-3-905-XX	-
43°	2700 K	4590 lm	3360 lm	36 W	40 W	84 lm/W	5145-7-3-505-XX	-
	3000 K	4790 lm	3510 lm	36 W	40 W	87 lm/W	5145-7-3-902-XX	-
	4000 K	4920 lm	3610 lm	36 W	40 W	90 lm/W	5145-7-3-905-XX	-
Asym	2700 K	4590 lm	3050 lm	36 W	40 W	76 lm/W	5145-9-3-505-XX	-
	3000 K	4790 lm	3190 lm	36 W	40 W	79 lm/W	5145-9-3-902-XX	-
	4000 K	4920 lm	3270 lm	36 W	40 W	81 lm/W	5145-9-3-905-XX	-

*for DALI option please consult your sales representative

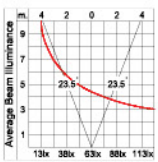
Light Distribution



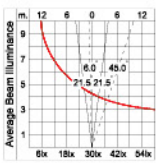
14° 30 W 3000 K



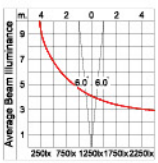
22° 30 W 3000 K



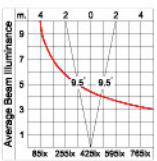
47° 30 W 3000 K



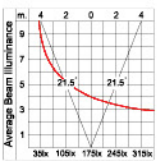
Asym 30 W 3000 K



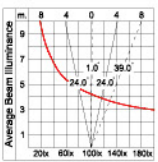
12° 36 W 3000 K



19° 36 W 3000 K



43° 36 W 3000 K

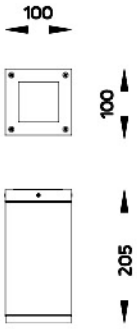


Asym 36 W 3000 K

Unilamp

Mini CORE – Surface Downlight

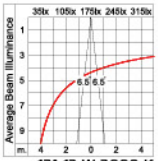
IP65 IK 10/07



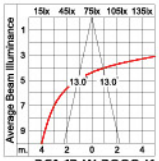
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
13°	2700 K	1550 lm	1220 lm	12 W	15 W	81 lm/W	4112–5–3–503–XX	–
	3000 K	1620 lm	1280 lm	12 W	15 W	85 lm/W	4112–5–3–901–XX	–
	4000 K	1660 lm	1310 lm	12 W	15 W	87 lm/W	4112–5–3–904–XX	–
26°	2700 K	1550 lm	1210 lm	12 W	15 W	80 lm/W	4112–6–3–503–XX	–
	3000 K	1620 lm	1270 lm	12 W	15 W	84 lm/W	4112–6–3–901–XX	–
	4000 K	1660 lm	1300 lm	12 W	15 W	86 lm/W	4112–6–3–904–XX	–
42°	2700 K	1550 lm	1160 lm	12 W	15 W	77 lm/W	4112–7–3–503–XX	–
	3000 K	1620 lm	1210 lm	12 W	15 W	80 lm/W	4112–7–3–901–XX	–
	4000 K	1660 lm	1240 lm	12 W	15 W	82 lm/W	4112–7–3–904–XX	–

*for DALI option please consult your sales representative

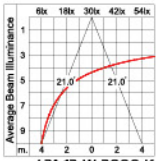
Light Distribution



13° 12 W 3000 K



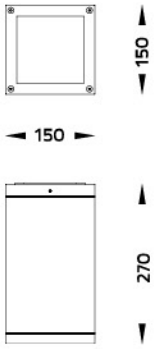
26° 12 W 3000 K



42° 12 W 3000 K

Maxi CORE – Surface Downlight

IP65 IK 10/07

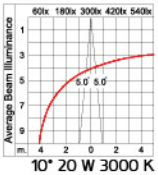


A++ A+

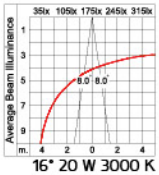
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
10°	3000 K	1800 lm	1430 lm	20 W	20 W	71 lm/W	4102-5-3-873-XX	-
	4000 K	1900 lm	1500 lm	20 W	20 W	75 lm/W	4102-5-3-874-XX	-
16°	3000 K	1800 lm	1400 lm	20 W	20 W	70 lm/W	4102-6-3-873-XX	-
	4000 K	1900 lm	1470 lm	20 W	20 W	73 lm/W	4102-6-3-874-XX	-
38°	3000 K	1800 lm	1270 lm	20 W	20 W	63 lm/W	4102-7-3-873-XX	-
	4000 K	1900 lm	1330 lm	20 W	20 W	66 lm/W	4102-7-3-874-XX	-
Asym	3000 K	1800 lm	1350 lm	20 W	20 W	67 lm/W	4102-9-3-873-XX	-
	4000 K	1900 lm	1420 lm	20 W	20 W	71 lm/W	4102-9-3-874-XX	-
12°	2700 K	3160 lm	2790 lm	23 W	26 W	107 lm/W	4102-5-3-506-XX	-
	3000 K	3300 lm	2920 lm	23 W	26 W	112 lm/W	4102-5-3-887-XX	-
	4000 K	3390 lm	3000 lm	23 W	26 W	115 lm/W	4102-5-3-891-XX	-
19°	2700 K	3160 lm	2650 lm	23 W	26 W	101 lm/W	4102-6-3-506-XX	-
	3000 K	3300 lm	2770 lm	23 W	26 W	106 lm/W	4102-6-3-887-XX	-
	4000 K	3390 lm	2840 lm	23 W	26 W	109 lm/W	4102-6-3-891-XX	-
43°	2700 K	3160 lm	2470 lm	23 W	26 W	95 lm/W	4102-7-3-506-XX	-
	3000 K	3300 lm	2580 lm	23 W	26 W	99 lm/W	4102-7-3-887-XX	-
	4000 K	3390 lm	2660 lm	23 W	26 W	102 lm/W	4102-7-3-891-XX	-
Asym	2700 K	3160 lm	2290 lm	23 W	26 W	88 lm/W	4102-9-3-506-XX	-
	3000 K	3300 lm	2400 lm	23 W	26 W	92 lm/W	4102-9-3-887-XX	-
	4000 K	3390 lm	2460 lm	23 W	26 W	94 lm/W	4102-9-3-891-XX	-

*for DALI option please consult your sales representative

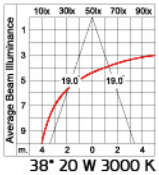
Light Distribution



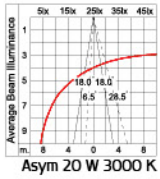
10° 20 W 3000 K



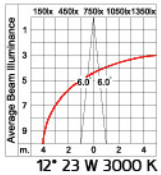
16° 20 W 3000 K



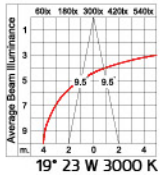
38° 20 W 3000 K



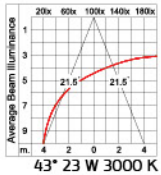
Asym 20 W 3000 K



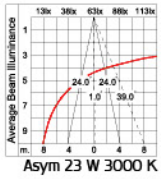
12° 23 W 3000 K



19° 23 W 3000 K



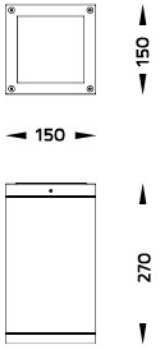
43° 23 W 3000 K



Asym 23 W 3000 K

Maxi CORE – Surface Downlight

IP65 IK 10/07

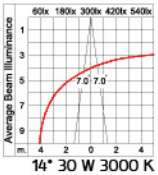


A++ A+

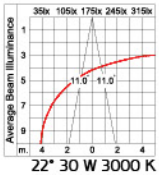
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
14°	3000 K	2700 lm	2340 lm	30 W	30 W	78 lm/W	4102-5-3-877-XX	-
	4000 K	2850 lm	2460 lm	30 W	30 W	82 lm/W	4102-5-3-878-XX	-
22°	3000 K	2700 lm	2290 lm	30 W	30 W	76 lm/W	4102-6-3-877-XX	-
	4000 K	2850 lm	2400 lm	30 W	30 W	80 lm/W	4102-6-3-878-XX	-
47°	3000 K	2700 lm	2110 lm	30 W	30 W	70 lm/W	4102-7-3-877-XX	-
	4000 K	2850 lm	2220 lm	30 W	30 W	74 lm/W	4102-7-3-878-XX	-
Asym	3000 K	2700 lm	2260 lm	30 W	30 W	75 lm/W	4102-9-3-877-XX	-
	4000 K	2850 lm	2380 lm	30 W	30 W	79 lm/W	4102-9-3-878-XX	-
12°	2700 K	4590 lm	3740 lm	36 W	40 W	93 lm/W	4102-5-3-505-XX	-
	3000 K	4790 lm	3900 lm	36 W	40 W	97 lm/W	4102-5-3-902-XX	-
	4000 K	4920 lm	4010 lm	36 W	40 W	100 lm/W	4102-5-3-905-XX	-
19°	2700 K	4590 lm	3550 lm	36 W	40 W	88 lm/W	4102-6-3-505-XX	-
	3000 K	4790 lm	3700 lm	36 W	40 W	92 lm/W	4102-6-3-902-XX	-
	4000 K	4920 lm	3800 lm	36 W	40 W	95 lm/W	4102-6-3-905-XX	-
43°	2700 K	4590 lm	3360 lm	36 W	40 W	84 lm/W	4102-7-3-505-XX	-
	3000 K	4790 lm	3510 lm	36 W	40 W	87 lm/W	4102-7-3-902-XX	-
	4000 K	4920 lm	3610 lm	36 W	40 W	90 lm/W	4102-7-3-905-XX	-
Asym	2700 K	4590 lm	3050 lm	36 W	40 W	76 lm/W	4102-9-3-505-XX	-
	3000 K	4790 lm	3190 lm	36 W	40 W	79 lm/W	4102-9-3-902-XX	-
	4000 K	4920 lm	3270 lm	36 W	40 W	81 lm/W	4102-9-3-905-XX	-

*for DALI option please consult your sales representative

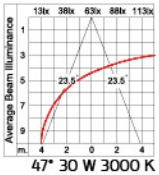
Light Distribution



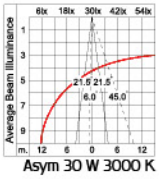
14° 30 W 3000 K



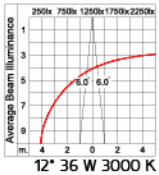
22° 30 W 3000 K



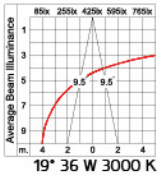
47° 30 W 3000 K



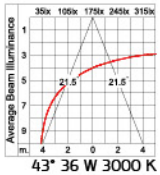
Asym 30 W 3000 K



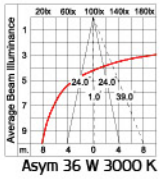
12° 36 W 3000 K



19° 36 W 3000 K



43° 36 W 3000 K

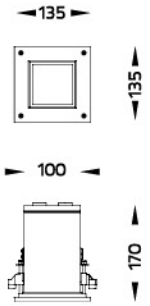


Asym 36 W 3000 K

Unilamp

Mini CORE – Recess Downlight / Clear Glass

IP65 IK 10/07



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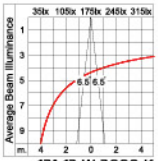
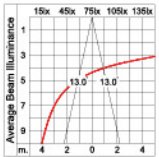
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
13°	2700 K	1550 lm	1220 lm	12 W	15 W	81 lm/W	7332-5-3-503-XX	-
	3000 K	1620 lm	1280 lm	12 W	15 W	85 lm/W	7332-5-3-901-XX	-
	4000 K	1660 lm	1310 lm	12 W	15 W	87 lm/W	7332-5-3-904-XX	-
26°	2700 K	1550 lm	1210 lm	12 W	15 W	80 lm/W	7332-6-3-503-XX	-
	3000 K	1620 lm	1270 lm	12 W	15 W	84 lm/W	7332-6-3-901-XX	-
	4000 K	1660 lm	1300 lm	12 W	15 W	86 lm/W	7332-6-3-904-XX	-
42°	2700 K	1550 lm	1160 lm	12 W	15 W	77 lm/W	7332-7-3-503-XX	-
	3000 K	1620 lm	1210 lm	12 W	15 W	80 lm/W	7332-7-3-901-XX	-
	4000 K	1660 lm	1240 lm	12 W	15 W	82 lm/W	7332-7-3-904-XX	-

*for DALI option please consult your sales representative

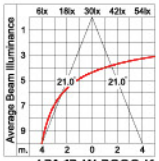
Light Distribution



13° 12 W 3000 K



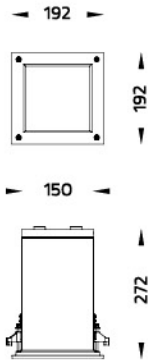
26° 12 W 3000 K



42° 12 W 3000 K

Maxi CORE – Recess Downlight / Clear Glass

IP65 IK 08/06

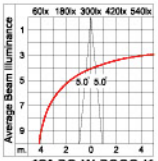


A++ A+

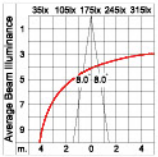
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
10°	3000 K	1800 lm	1430 lm	20 W	20 W	71 lm/W	7322-5-3-873-XX	–
	4000 K	1900 lm	1500 lm	20 W	20 W	75 lm/W	7322-5-3-874-XX	–
16°	3000 K	1800 lm	1400 lm	20 W	20 W	70 lm/W	7322-6-3-873-XX	–
	4000 K	1900 lm	1470 lm	20 W	20 W	73 lm/W	7322-6-3-874-XX	–
38°	3000 K	1800 lm	1270 lm	20 W	20 W	63 lm/W	7322-7-3-873-XX	–
	4000 K	1900 lm	1330 lm	20 W	20 W	66 lm/W	7322-7-3-874-XX	–
ASYM	3000 K	1800 lm	1350 lm	20 W	20 W	67 lm/W	7322-9-3-873-XX	–
	4000 K	1900 lm	1420 lm	20 W	20 W	71 lm/W	7322-9-3-874-XX	–
12°	2700 K	3160 lm	2790 lm	23 W	26 W	107 lm/W	7322-5-3-506-XX	–
	3000 K	3300 lm	2920 lm	23 W	26 W	112 lm/W	7322-5-3-887-XX	–
	4000 K	3390 lm	3000 lm	23 W	26 W	115 lm/W	7322-5-3-891-XX	–
19°	2700 K	3160 lm	2650 lm	23 W	26 W	101 lm/W	7322-6-3-506-XX	–
	3000 K	3300 lm	2770 lm	23 W	26 W	106 lm/W	7322-6-3-887-XX	–
	4000 K	3390 lm	2840 lm	23 W	26 W	109 lm/W	7322-6-3-891-XX	–
43°	2700 K	3160 lm	2470 lm	23 W	26 W	95 lm/W	7322-7-3-506-XX	–
	3000 K	3300 lm	2580 lm	23 W	26 W	99 lm/W	7322-7-3-887-XX	–
	4000 K	3390 lm	2660 lm	23 W	26 W	102 lm/W	7322-7-3-891-XX	–
ASYM	2700 K	3160 lm	2290 lm	23 W	26 W	88 lm/W	7322-9-3-506-XX	–
	3000 K	3300 lm	2400 lm	23 W	26 W	92 lm/W	7322-9-3-887-XX	–
	4000 K	3390 lm	2460 lm	23 W	26 W	94 lm/W	7322-9-3-891-XX	–

*for DALI option please consult your sales representative

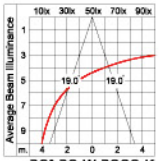
Light Distribution



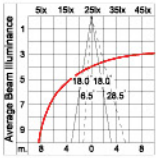
10° 20 W 3000 K



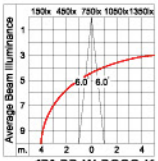
16° 20 W 3000 K



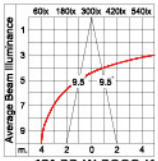
38° 20 W 3000 K



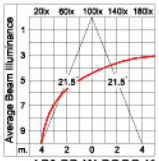
Asym 20 W 3000 K



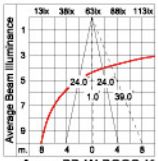
12° 23 W 3000 K



19° 23 W 3000 K



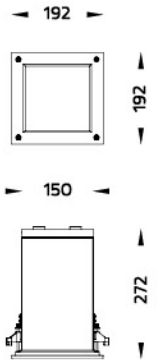
43° 23 W 3000 K



Asym 23 W 3000 K

Maxi CORE – Surface Downlight

IP65 IK 08/06

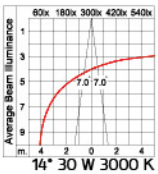


A++ A+

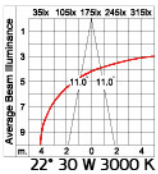
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
14°	3000 K	2700 lm	2340 lm	30 W	30 W	78 lm/W	7322-5-3-877-XX	-
	4000 K	2850 lm	2460 lm	30 W	30 W	82 lm/W	7322-5-3-878-XX	-
22°	3000 K	2700 lm	2290 lm	30 W	30 W	76 lm/W	7322-6-3-877-XX	-
	4000 K	2850 lm	2400 lm	30 W	30 W	80 lm/W	7322-6-3-878-XX	-
47°	3000 K	2700 lm	2110 lm	30 W	30 W	70 lm/W	7322-7-3-877-XX	-
	4000 K	2850 lm	2220 lm	30 W	30 W	74 lm/W	7322-7-3-878-XX	-
ASYM	3000 K	2700 lm	2260 lm	30 W	30 W	75 lm/W	7322-9-3-877-XX	-
	4000 K	2850 lm	2380 lm	30 W	30 W	79 lm/W	7322-9-3-878-XX	-
12°	2700 K	4590 lm	3740 lm	36 W	40 W	93 lm/W	7322-5-3-505-XX	-
	3000 K	4790 lm	3900 lm	36 W	40 W	97 lm/W	7322-5-3-902-XX	-
	4000 K	4920 lm	4010 lm	36 W	40 W	100 lm/W	7322-5-3-905-XX	-
19°	2700 K	4590 lm	3550 lm	36 W	40 W	88 lm/W	7322-6-3-505-XX	-
	3000 K	4790 lm	3700 lm	36 W	40 W	92 lm/W	7322-6-3-902-XX	-
	4000 K	4920 lm	3800 lm	36 W	40 W	95 lm/W	7322-6-3-905-XX	-
43°	2700 K	4590 lm	3360 lm	36 W	40 W	84 lm/W	7322-7-3-505-XX	-
	3000 K	4790 lm	3510 lm	36 W	40 W	87 lm/W	7322-7-3-902-XX	-
	4000 K	4920 lm	3610 lm	36 W	40 W	90 lm/W	7322-7-3-905-XX	-
ASYM	2700 K	4590 lm	3050 lm	36 W	40 W	76 lm/W	7322-9-3-505-XX	-
	3000 K	4790 lm	3190 lm	36 W	40 W	79 lm/W	7322-9-3-902-XX	-
	4000 K	4920 lm	3270 lm	36 W	40 W	81 lm/W	7322-9-3-905-XX	-

*for DALI option please consult your sales representative

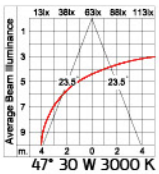
Light Distribution



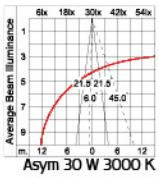
14° 30 W 3000 K



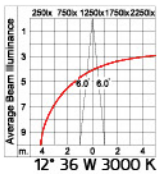
22° 30 W 3000 K



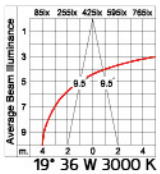
47° 30 W 3000 K



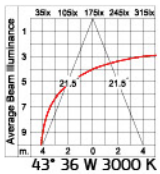
Asym 30 W 3000 K



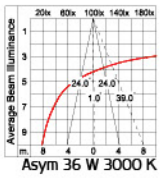
12° 36 W 3000 K



19° 36 W 3000 K



43° 36 W 3000 K

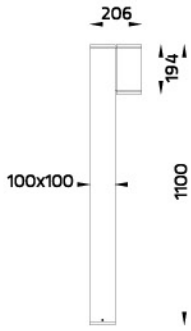


Asym 36 W 3000 K

Unilamp

Mini CORE – Bollard / Single Sided

IP65 IK 10/07



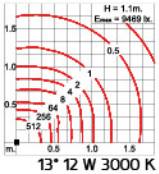
Mini CORE Bollard is also available in double-sided.
For double-sided version: please replace the first 4 digit of ordering code with 7147.

A++

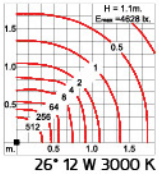
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
13°	2700 K	1550 lm	1220 lm	12 W	15 W	81 lm/W	7146-5-3-503-XX	-
	3000 K	1620 lm	1280 lm	12 W	15 W	85 lm/W	7146-5-3-901-XX	-
	4000 K	1660 lm	1310 lm	12 W	15 W	87 lm/W	7146-5-3-904-XX	-
26°	2700 K	1550 lm	1210 lm	12 W	15 W	80 lm/W	7146-6-3-503-XX	-
	3000 K	1620 lm	1270 lm	12 W	15 W	84 lm/W	7146-6-3-901-XX	-
	4000 K	1660 lm	1300 lm	12 W	15 W	86 lm/W	7146-6-3-904-XX	-
42°	2700 K	1550 lm	1160 lm	12 W	15 W	77 lm/W	7146-7-3-503-XX	-
	3000 K	1620 lm	1210 lm	12 W	15 W	80 lm/W	7146-7-3-901-XX	-
	4000 K	1660 lm	1240 lm	12 W	15 W	82 lm/W	7146-7-3-904-XX	-

*for DALI option please consult your sales representative

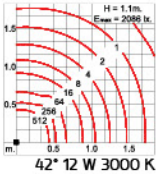
Light Distribution



13° 12 W 3000 K



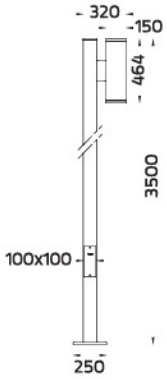
26° 12 W 3000 K



42° 12 W 3000 K

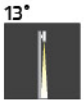
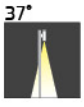
Maxi CORE – Pole Light / Single Sided

IP65 IK 08/07



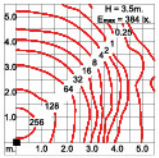
Maxi CORE Bollard is also available in double–sided.
For double–sided version: please replace the first 4 digit of ordering code with 7227.

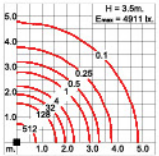
A++

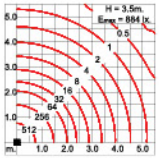
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
ASYM	2700 K	4590 lm	3050	36 W	40 W	76 lm/W	7226–9–3–505–XX	–
	3000 K	4790 lm	3190	36 W	40 W	79 lm/W	7226–9–3–902–XX	–
	4000 K	4920 lm	3270	36 W	40 W	81 lm/W	7226–9–3–905–XX	–
13° 	2700 K	7110 lm	5790	52 W	56 W	103 lm/W	7226–5–3–508–XX	–
	3000 K	7420 lm	6050	52 W	56 W	108 lm/W	7226–5–3–888–XX	–
	4000 K	7610 lm	6200	52 W	56 W	110 lm/W	7226–5–3–892–XX	–
37°	2700 K	7110 lm	5500	52 W	56 W	98 lm/W	7226–7–3–508–XX	–
	3000 K	7420 lm	5740	52 W	56 W	102 lm/W	7226–7–3–888–XX	–
	4000 K	7610 lm	5880	52 W	56 W	105 lm/W	7226–7–3–892–XX	–
13°	2700 K	9300 lm	7580	70 W	78 W	97 lm/W	7226–5–3–507–XX	–
	3000 K	9700 lm	7910	70 W	78 W	101 lm/W	7226–5–3–903–XX	–
	4000 K	9950 lm	8110	70 W	78 W	103 lm/W	7226–5–3–906–XX	–
37° 	2700 K	9300 lm	7190	70 W	78 W	92 lm/W	7226–7–3–507–XX	–
	3000 K	9700 lm	7500	70 W	78 W	96 lm/W	7226–7–3–903–XX	–
	4000 K	9950 lm	7690	70 W	78 W	98 lm/W	7226–7–3–906–XX	–

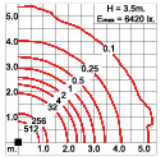
*for DALI option please consult your sales representative

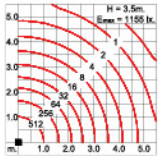
Light Distribution


Asym 36 W 3000 K


13° 52 W 3000 K


37° 52 W 3000 K


13° 70 W 3000 K


37° 70 W 3000 K

I–BRICK

I-BRICK

I-BRICK is a range of wall recessed luminaires with LED light sources plus a good glare control allows it to be installed in most places where a comfortable illumination is needed. The low energy consumption LED module saves operating cost while providing acceptable lighting levels.

I-BRICK is available in five different styles in two sizes. The shallow housing can be installed in either wall or step where recess depth is limited. The high quality LED driver is integrated inside the luminaire for ease of installation. I-BRICK is commonly used to illuminate stairways, pathways and walls.

Vandal proof protective cover.

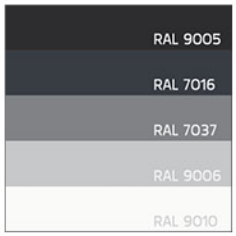
Curve – shaped design.

Visual comfort.

High quality LED.

Armor shield coating.

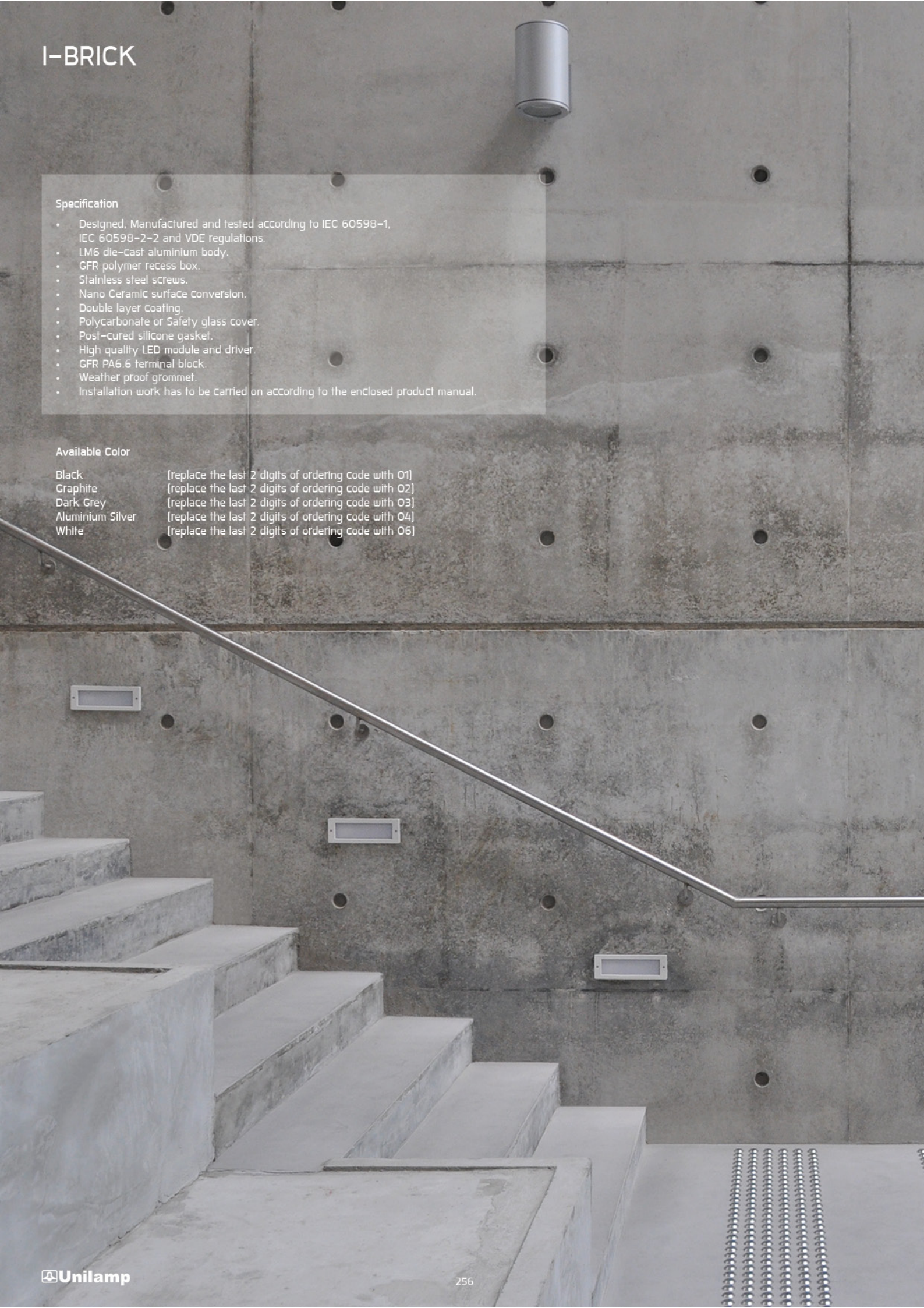
Available in 2 sizes.



Available in 5 colors.

Efficiency LED driver.

I-BRICK



Specification

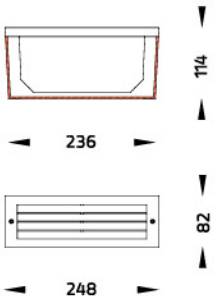
- Designed, Manufactured and tested according to IEC 60598-1, IEC 60598-2-2 and VDE regulations.
- LM6 die-cast aluminium body.
- GFR polymer recess box.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Polycarbonate or Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- GFR PA6.6 terminal block.
- Weather proof grommet.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

I-BRICK/1

IP65 IK 08/06

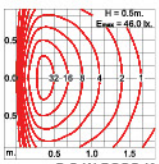


A++

Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On-Off	*1-10V*
2700 K	530 lm	40 lm	3.9 W	5.6 W	7 lm/W	6000-0-3-526-XX	-
3000 K	530 lm	40 lm	3.9 W	5.6 W	7 lm/W	6000-0-3-935-XX	-
4000 K	570 lm	50 lm	3.9 W	5.6 W	8 lm/W	6000-0-3-938-XX	-

*for DALI option please consult your sales representative

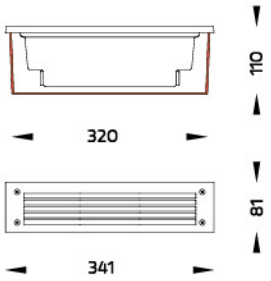
Light Distribution



3.9 W 3000 K

Long I-BRICK/1

IP65 IK 08/06

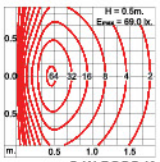


A++

Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On-Off	*1-10V*
2700 K	800 lm	120 lm	5.9 W	7.8 W	15 lm/W	6041-0-3-527-XX	-
3000 K	800 lm	120 lm	5.9 W	7.8 W	15 lm/W	6041-0-3-936-XX	-
4000 K	860 lm	130 lm	5.9 W	7.8 W	16 lm/W	6041-0-3-939-XX	-

*for DALI option please consult your sales representative

Light Distribution

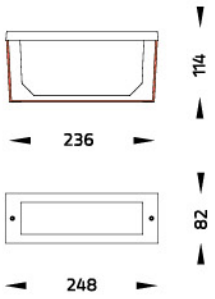


5.9 W 3000 K

Unilamp

I-BRICK/2

IP65 IK 08/06

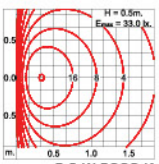


A++

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	2700 K	530 lm	180 lm	3.9 W	5.6 W	32 lm/W	6001-0-3-526-XX	-
	3000 K	530 lm	180 lm	3.9 W	5.6 W	32 lm/W	6001-0-3-935-XX	-
	4000 K	570 lm	200 lm	3.9 W	5.6 W	35 lm/W	6001-0-3-938-XX	-

*for DALI option please consult your sales representative

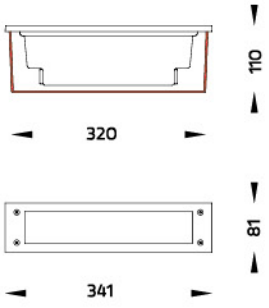
Light Distribution



3.9 W 3000 K

Long I-BRICK/2

IP65 IK 08/06

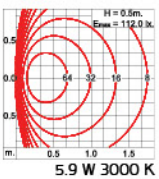


A++

Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On-Off	*1-10V*
2700 K	800 lm	250 lm	5.9 W	7.8 W	32 lm/W	6042-0-3-527-XX	-
3000 K	800 lm	250 lm	5.9 W	7.8 W	32 lm/W	6042-0-3-936-XX	-
4000 K	860 lm	270 lm	5.9 W	7.8 W	34 lm/W	6042-0-3-939-XX	-

*for DALI option please consult your sales representative

Light Distribution

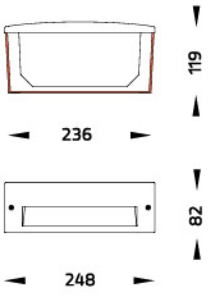


5.9 W 3000 K

Unilamp

I-BRICK H-Ramp

IP65 IK 08/06

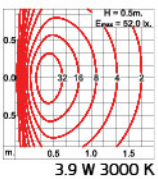


A++

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	2700 K	530 lm	80 lm	3.9 W	5.6 W	14 lm/W	6061-0-3-526-XX	-
	3000 K	530 lm	80 lm	3.9 W	5.6 W	14 lm/W	6061-0-3-935-XX	-
	4000 K	570 lm	80 lm	3.9 W	5.6 W	14 lm/W	6061-0-3-938-XX	-

*for DALI option please consult your sales representative

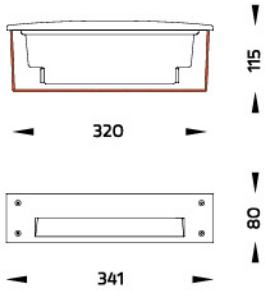
Light Distribution



3.9 W 3000 K

Long I-BRICK H-Ramp

IP65 IK 08/06

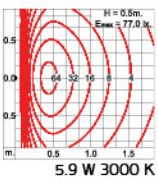


A++

Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On-Off	*1-10V*
2700 K	800 lm	50 lm	5.9 W	7.8 W	6 lm/W	6062-0-3-527-XX	-
3000 K	800 lm	50 lm	5.9 W	7.8 W	6 lm/W	6062-0-3-936-XX	-
4000 K	860 lm	60 lm	5.9 W	7.8 W	7 lm/W	6062-0-3-939-XX	-

*for DALI option please consult your sales representative

Light Distribution

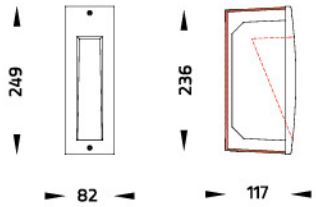


5.9 W 3000 K

Unilamp

I-BRICK V-Ramp

IP65 IK 08/06

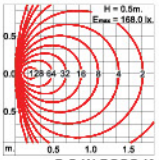


A++

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	2700 K	510 lm	60 lm	4.6 W	6.3 W	9 lm/W	6063-0-3-833-XX	-
	3000 K	530 lm	60 lm	4.6 W	6.3 W	9 lm/W	6063-0-3-980-XX	-
	4000 K	550 lm	70 lm	4.6 W	6.3 W	11 lm/W	6063-0-3-981-XX	-

*for DALI option please consult your sales representative

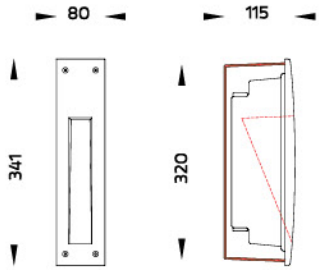
Light Distribution



3.9 W 3000 K

Long I-BRICK V-Ramp

IP65 IK 08/06

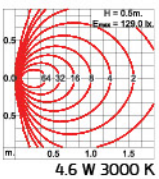


A++

Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On-Off	*1-10V*
2700 K	510 lm	40 lm	4.6 W	6.3 W	6 lm/W	6064-0-3-833-XX	-
3000 K	530 lm	40 lm	4.6 W	6.3 W	6 lm/W	6064-0-3-980-XX	-
4000 K	550 lm	40 lm	4.6 W	6.3 W	6 lm/W	6064-0-3-981-XX	-

*for DALI option please consult your sales representative

Light Distribution

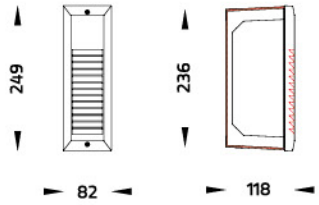


4.6 W 3000 K

Unilamp

I-BRICK V-Grill

IP65 IK 08/06

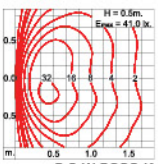


A++

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	2700 K	530 lm	50 lm	3.9 W	5.6 W	8 lm/W	6065-0-3-526-XX	-
	3000 K	530 lm	50 lm	3.9 W	5.6 W	8 lm/W	6065-0-3-935-XX	-
	4000 K	570 lm	60 lm	3.9 W	5.6 W	10 lm/W	6065-0-3-938-XX	-

*for DALI option please consult your sales representative

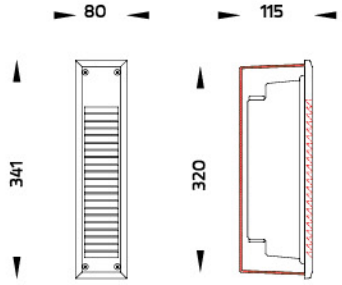
Light Distribution



3.9 W 3000 K

Long I-BRICK V-Grill

IP65 IK 08/06

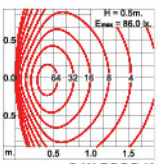


A++

Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On-Off	*1-10V*
2700 K	800 lm	70 lm	5.9 W	7.8 W	8 lm/W	6066-0-3-527-XX	-
3000 K	800 lm	70 lm	5.9 W	7.8 W	8 lm/W	6066-0-3-936-XX	-
4000 K	860 lm	70 lm	5.9 W	7.8 W	8 lm/W	6066-0-3-939-XX	-

*for DALI option please consult your sales representative

Light Distribution



5.9 W 3000 K

Unilamp

LUNA

LUNA

LUNA is a range of round-shaped wall recessed luminaires with LED light sources plus a good glare control allows it to be installed in most places where a comfortable illumination is needed. **LUNA** is available in four different front cover designs. It has a shallow housing and can be installed in either wall or step that have limited recessing depth. The high quality LED driver is integrated inside the luminaire for ease of installation. **LUNA** is frequently used to illuminate stairways, pathways and walls where a general or directional light is needed.

LUNA

Specification

- Designed, Manufactered and tested according to IEC 60598-1, IEC 60598-2-2 and VDE regulations.
- LM6 die-cast aluminium body.
- GFR polymer recess box.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- GFR PA6.6 terminal block.
- Weather proof grommet.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

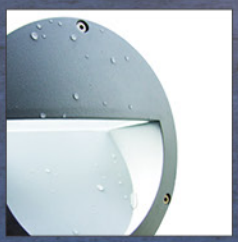
Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Safety glass cover.

Efficiency LED driver.

Armor shield coating.

Vandal proof protective cover.

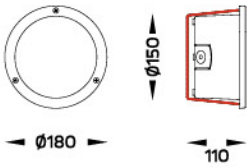


Visual comfort.

High quality LED module.

LUNA

IP65 IK 08/06

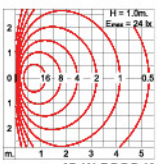


A++ A+

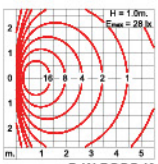
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	900 lm	310 lm	10 W	10 W	31 lm/W	6008-0-3-869-XX	-
	4000 K	950 lm	320 lm	10 W	10 W	32 lm/W	6008-0-3-870-XX	-
	3000 K	630 lm	160 lm	5.2 W	7.2 W	22 lm/W	6008-0-3-921-XX	-
	4000 K	680 lm	170 lm	5.2 W	7.2 W	23 lm/W	6008-0-3-922-XX	-

*for DALI option please consult your sales representative

Light Distribution



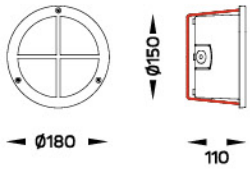
10 W 3000 K



5.2 W 3000 K

LUNA Cross

IP65 IK 08/06

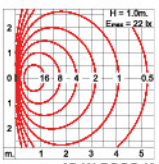


A++ A+

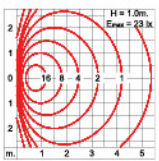
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	900 lm	290 lm	10 W	10 W	29 lm/W	6009-0-3-869-XX	-
	4000 K	950 lm	300 lm	10 W	10 W	30 lm/W	6009-0-3-870-XX	-
	3000 K	630 lm	150 lm	5.2 W	7.2 W	20 lm/W	6009-0-3-921-XX	-
	4000 K	680 lm	160 lm	5.2 W	7.2 W	22 lm/W	6009-0-3-922-XX	-

*for DALI option please consult your sales representative

Light Distribution



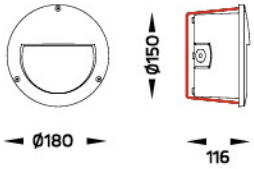
10 W 3000 K



5.2 W 3000 K

LUNA Ramp

IP65 IK 08/06

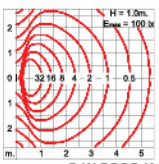


A++

Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On-Off	*1-10V*
3000 K	630 lm	160 lm	5.2 W	7.2 W	22 lm/W	6071-0-3-921-XX	-
4000 K	680 lm	170 lm	5.2 W	7.2 W	23 lm/W	6071-0-3-922-XX	-

*for DALI option please consult your sales representative

Light Distribution

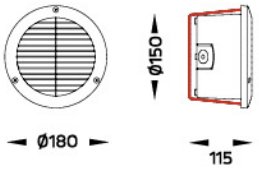


5.2 W 3000 K

LUNA Grill

IP65 IK 08/06

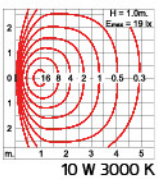
A++ A+



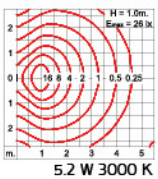
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	900 lm	80 lm	10 W	10 W	8 lm/W	6072-0-3-869-XX	-
	4000 K	950 lm	80 lm	10 W	10 W	8 lm/W	6072-0-3-870-XX	-
	3000 K	630 lm	50 lm	5.2 W	7.2 W	6 lm/W	6072-0-3-921-XX	-
	4000 K	680 lm	60 lm	5.2 W	7.2 W	8 lm/W	6072-0-3-922-XX	-

*for DALI option please consult your sales representative

Light Distribution



10 W 3000 K



5.2 W 3000 K

Unilamp

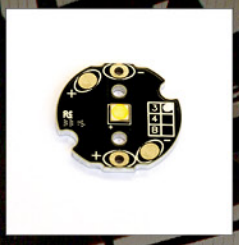
DOT

DOT

DOT family is a range of small recessed wall luminaires with LED light sources. The glare-free cover enables **DOT** to be installed where comfortable illumination is required. Fitted with world renowned LED manufacturer **DOT** is highly efficient with low energy consumption.

DOT is available in four different design with interchangeable front covers in both square and round shapes. The very small and shallow housing allow the installation of the fixtures in wall or step that have limited recessing depth. **DOT** is regularly used to illuminate stairways and pathways where directional low level light is preferred.

Impact resistant cover.



High quality LED.

Provided with installation block out.

Visual comfort.

Water proof LED dirver box.

Armor shield coating.

DOT

Specification

- Designed, Manufactered and tested according to IEC 60598-1, IEC 60598-2-2 and VDE regulations.tions.
- LM6 die-cast aluminium body.
- GFR polymer recess box.
- LM6 Die Cast Aluminium housing.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Polycarbonate or Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module.
- Option of integrated driver and remote driver in constant current.
- GFR PA6.6 terminal block.
- Weather proof grommet.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Accessories

LED Constant Current Driver 350mA 3W. In IP67 GFR Polymer Box.
Ordering code : 9-0502-01

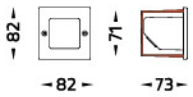
LED Constant Current Driver 700mA 3.5W. In IP67 GFR Polymer Box
Ordering Code : 0397-0-9-000-01

IP68 "Series-Wiring LED" Distribution Box for 1-3 Luminaires.
Ordering code : 9-0907-00

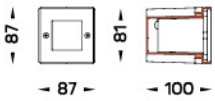
DOT Square

IP55 IK 07/07 OR

A++ A+ A



OD-6012

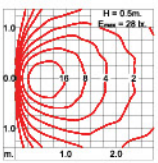


OD-6083

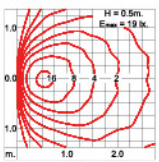
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code		
							On-Off	*1-10V*	
	2700 K	240 lm	110 lm	2 W[700mA]	3.4 W	32 lm/W	6012-0-2-525-XX	-	
	3000 K	240 lm	130 lm	2 W[700mA]	3.4 W	38 lm/W	6012-0-2-989-XX	-	
	4000 K	250 lm	130 lm	2 W[700mA]	3.4 W	38 lm/W	6012-0-2-899-XX	-	
	Blue	59 lm	26 lm	2.3 W[700mA]	3.7 W	7 lm/W	6012-0-2-992-XX	-	
	Green	158 lm	75 lm	2.3 W[700mA]	3.7 W	20 lm/W	6012-0-2-993-XX	-	
	Red	79 lm	37 lm	2.6 W[700mA]	4 W	9 lm/W	6012-0-2-994-XX	-	
	2700 K	130 lm	62 lm	1 W	2.4 W	25 lm/W	6083-0-3-525-XX	-	*Integrated driver
	3000 K	130 lm	62 lm	1 W	2.4 W	25 lm/W	6083-0-3-989-XX	-	*Integrated driver
	4000 K	140 lm	67 lm	1 W	2.4 W	27 lm/W	6083-0-3-899-XX	-	*Integrated driver
	Blue	35 lm	16 lm	1 W	2.4 W	6 lm/W	6083-0-3-992-XX	-	*Integrated driver
	Green	102 lm	49 lm	1 W	2.4 W	20 lm/W	6083-0-3-993-XX	-	*Integrated driver
	Red	46 lm	22 lm	1 W	2.4 W	9 lm/W	6083-0-3-994-XX	-	*Integrated driver

*for DALI option please consult your sales representative

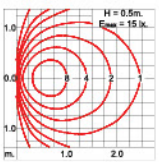
Light Distribution



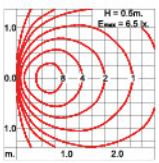
2 W[700mA] 3000 K



2.3 W[700mA] Green



1 W 3000 K



1 W Green

DOT Round

IP55 IK 07/07 OR CE LED

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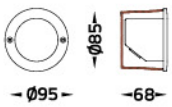
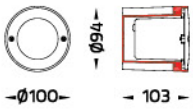


OD-6014

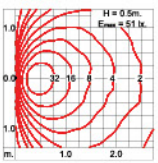


OD-6084

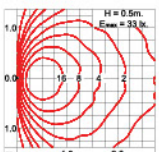
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code		
							On-Off	*1-10V*	
	2700 K	240 lm	150 lm	2 W[700mA]	3.4 W	44 lm/W	6014-0-2-525-XX	-	
	3000 K	240 lm	160 lm	2 W[700mA]	3.4 W	47 lm/W	6014-0-2-989-XX	-	
	4000 K	250 lm	160 lm	2 W[700mA]	3.4 W	47 lm/W	6014-0-2-899-XX	-	
	Blue	59 lm	38 lm	2.3 W[700mA]	3.7 W	10 lm/W	6014-0-2-992-XX	-	
	Green	158 lm	100 lm	2.3 W[700mA]	3.7 W	27 lm/W	6014-0-2-993-XX	-	
	Red	79 lm	51 lm	2.6 W[700mA]	4 W	12 lm/W	6014-0-2-994-XX	-	
	2700 K	130 lm	86 lm	1 W	2.4 W	35 lm/W	6084-0-3-525-XX	-	*Integrated driver
	3000 K	130 lm	86 lm	1 W	2.4 W	35 lm/W	6084-0-3-989-XX	-	*Integrated driver
	4000 K	140 lm	93 lm	1 W	2.4 W	38 lm/W	6084-0-3-899-XX	-	*Integrated driver
	Blue	35 lm	23 lm	1 W	2.4 W	9 lm/W	6084-0-3-992-XX	-	*Integrated driver
	Green	102 lm	68 lm	1 W	2.4 W	28 lm/W	6084-0-3-993-XX	-	*Integrated driver
	Red	46 lm	30 lm	1 W	2.4 W	12 lm/W	6084-0-3-994-XX	-	*Integrated driver

*for DALI option please consult your sales representative

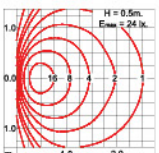
Light Distribution



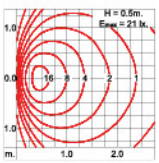
2 W[700mA] 3000 K



2.3 W[700mA] Green



1 W 3000 K



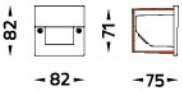
1 W Green

Unilamp

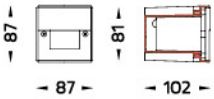
DOT Square Eyelid

IP55 IK 07/07 OR

A++ A+ A



OD-6053

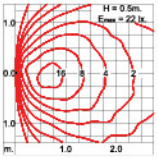


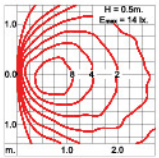
OD-6085

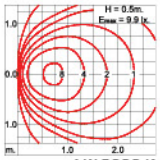
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code		
							On-Off	*1-10V*	
	2700 K	240 lm	73 lm	2 W[700mA]	3.4 W	21 lm/W	6053-0-2-525-XX	-	
	3000 K	240 lm	74 lm	2 W[700mA]	3.4 W	21 lm/W	6053-0-2-989-XX	-	
	4000 K	250 lm	76 lm	2 W[700mA]	3.4 W	22 lm/W	6053-0-2-899-XX	-	
	Blue	59 lm	16 lm	2.3 W[700mA]	3.7 W	4 lm/W	6053-0-2-992-XX	-	
	Green	158 lm	48 lm	2.3 W[700mA]	3.7 W	12 lm/W	6053-0-2-993-XX	-	
	Red	79 lm	24 lm	2.6 W[700mA]	4 W	6 lm/W	6053-0-2-994-XX	-	
	2700 K	130 lm	40 lm	1 W	2.4 W	16 lm/W	6085-0-3-525-XX	-	*Integrated driver
	3000 K	130 lm	40 lm	1 W	2.4 W	16 lm/W	6085-0-3-989-XX	-	*Integrated driver
	4000 K	140 lm	43 lm	1 W	2.4 W	17 lm/W	6085-0-3-899-XX	-	*Integrated driver
	Blue	35 lm	10 lm	1 W	2.4 W	4 lm/W	6085-0-3-992-XX	-	*Integrated driver
	Green	102 lm	31 lm	1 W	2.4 W	12 lm/W	6085-0-3-993-XX	-	*Integrated driver
	Red	46 lm	14 lm	1 W	2.4 W	5 lm/W	6085-0-3-994-XX	-	*Integrated driver

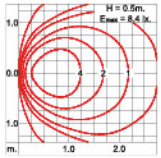
*for DALI option please consult your sales representative

Light Distribution


2 W[700mA] 3000 K


2.3 W[700mA] Green

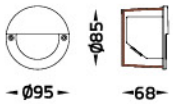

1 W 3000 K


1 W Green

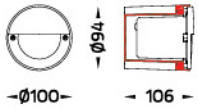
DOT Round Eyelid

IP55 IK 07/07 OR

A++ A+ A



OD-6013

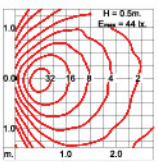


OD-6086

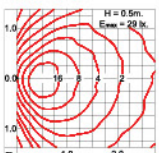
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code		
							On-Off	*1-10V*	
	2700 K	240 lm	100 lm	2 W[700mA]	3.4 W	29 lm/W	6013-0-2-525-XX	-	
	3000 K	240 lm	100 lm	2 W[700mA]	3.4 W	29 lm/W	6013-0-2-989-XX	-	
	4000 K	250 lm	100 lm	2 W[700mA]	3.4 W	29 lm/W	6013-0-2-899-XX	-	
	Blue	59 lm	23 lm	2.3 W[700mA]	3.7 W	6 lm/W	6013-0-2-992-XX	-	
	Green	158 lm	66 lm	2.3 W[700mA]	3.7 W	17 lm/W	6013-0-2-993-XX	-	
	Red	79 lm	32 lm	2.6 W[700mA]	4 W	8 lm/W	6013-0-2-994-XX	-	
	2700 K	130 lm	55 lm	1 W	2.4 W	22 lm/W	6086-0-3-525-XX	-	*Integrated driver
	3000 K	130 lm	55 lm	1 W	2.4 W	22 lm/W	6086-0-3-989-XX	-	*Integrated driver
	4000 K	140 lm	59 lm	1 W	2.4 W	24 lm/W	6086-0-3-899-XX	-	*Integrated driver
	Blue	35 lm	14 lm	1 W	2.4 W	5 lm/W	6086-0-3-992-XX	-	*Integrated driver
	Green	102 lm	43 lm	1 W	2.4 W	17 lm/W	6086-0-3-993-XX	-	*Integrated driver
	Red	46 lm	19 lm	1 W	2.4 W	7 lm/W	6086-0-3-994-XX	-	*Integrated driver

*for DALI option please consult your sales representative

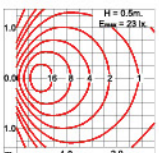
Light Distribution



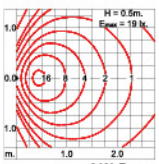
2 W[700mA] 3000 K



2.3 W[700mA] Green



1 W 3000 K



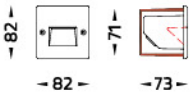
1 W Green

Unilamp

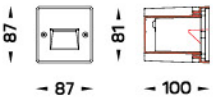
DOT Square Ramp

IP55 IK 07/07 OR

A++ A+ A



OD-6051

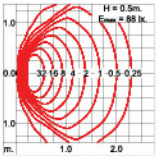


OD-6081

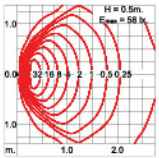
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code		
							On-Off	*1-10V*	
	2700 K	240 lm	40 lm	2 W[700mA]	3.4 W	11 lm/W	6051-0-2-525-XX	-	
	3000 K	240 lm	42 lm	2 W[700mA]	3.4 W	12 lm/W	6051-0-2-989-XX	-	
	4000 K	250 lm	42 lm	2 W[700mA]	3.4 W	12 lm/W	6051-0-2-899-XX	-	
	Blue	59 lm	10 lm	2.3 W[700mA]	3.7 W	2 lm/W	6051-0-2-992-XX	-	
	Green	158 lm	26 lm	2.3 W[700mA]	3.7 W	7 lm/W	6051-0-2-993-XX	-	
	Red	79 lm	13 lm	2.6 W[700mA]	4 W	3 lm/W	6051-0-2-994-XX	-	
	2700 K	130 lm	22 lm	1 W	2.4 W	9 lm/W	6081-0-3-525-XX	-	*Integrated driver
	3000 K	130 lm	22 lm	1 W	2.4 W	9 lm/W	6081-0-3-989-XX	-	*Integrated driver
	4000 K	140 lm	24 lm	1 W	2.4 W	9 lm/W	6081-0-3-899-XX	-	*Integrated driver
	Blue	35 lm	6 lm	1 W	2.4 W	2 lm/W	6081-0-3-992-XX	-	*Integrated driver
	Green	102 lm	17 lm	1 W	2.4 W	7 lm/W	6081-0-3-993-XX	-	*Integrated driver
	Red	46 lm	8 lm	1 W	2.4 W	3 lm/W	6081-0-3-994-XX	-	*Integrated driver

*for DALI option please consult your sales representative

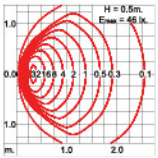
Light Distribution



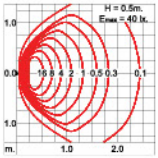
2 W[700mA] 3000 K



2.3 W[700mA] Green



1 W 3000 K

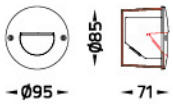


1 W Green

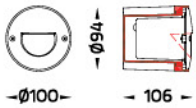
DOT Round Ramp

IP55 IK 07/07 OR CE LED

A++ A+ A



OD-6052

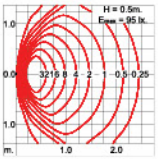


OD-6082

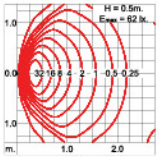
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code		
							On-Off	*1-10V*	
	2700 K	240 lm	38 lm	2 W[700mA]	3.4 W	11 lm/W	6052-0-2-525-XX	-	
	3000 K	240 lm	40 lm	2 W[700mA]	3.4 W	11 lm/W	6052-0-2-989-XX	-	
	4000 K	250 lm	41 lm	2 W[700mA]	3.4 W	12 lm/W	6052-0-2-899-XX	-	
	Blue	59 lm	8 lm	2.3 W[700mA]	3.7 W	2 lm/W	6052-0-2-992-XX	-	
	Green	158 lm	26 lm	2.3 W[700mA]	3.7 W	7 lm/W	6052-0-2-993-XX	-	
	Red	79 lm	12 lm	2.6 W[700mA]	4 W	3 lm/W	6052-0-2-994-XX	-	
	2700 K	130 lm	21 lm	1 W	2.4 W	8 lm/W	6082-0-3-525-XX	-	*Integrated driver
	3000 K	130 lm	21 lm	1 W	2.4 W	8 lm/W	6082-0-3-989-XX	-	*Integrated driver
	4000 K	140 lm	23 lm	1 W	2.4 W	9 lm/W	6082-0-3-899-XX	-	*Integrated driver
	Blue	35 lm	5 lm	1 W	2.4 W	2 lm/W	6082-0-3-992-XX	-	*Integrated driver
	Green	102 lm	17 lm	1 W	2.4 W	7 lm/W	6082-0-3-993-XX	-	*Integrated driver
	Red	46 lm	7 lm	1 W	2.4 W	2 lm/W	6082-0-3-994-XX	-	*Integrated driver

*for DALI option please consult your sales representative

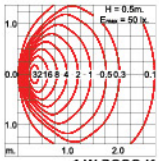
Light Distribution



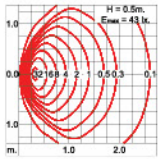
2 W[700mA] 3000 K



2.3 W[700mA] Green



1 W 3000 K



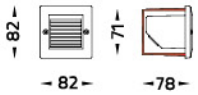
1 W Green

Unilamp

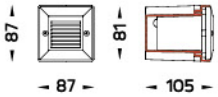
DOT Square Grill

IP55 IK 07/07 OR

A++ A+ A



OD-6055

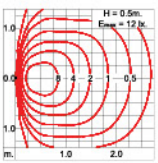


OD-6087

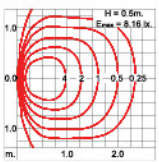
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code		
							On-Off	*1-10V*	
	2700 K	240 lm	20 lm	2 W[700mA]	3.4 W	5 lm/W	6055-0-2-525-XX	-	
	3000 K	240 lm	22 lm	2 W[700mA]	3.4 W	6 lm/W	6055-0-2-989-XX	-	
	4000 K	250 lm	23 lm	2 W[700mA]	3.4 W	6 lm/W	6055-0-2-899-XX	-	
	Blue	59 lm	6 lm	2.3 W[700mA]	3.7 W	1 lm/W	6055-0-2-992-XX	-	
	Green	158 lm	15 lm	2.3 W[700mA]	3.7 W	4 lm/W	6055-0-2-993-XX	-	
	Red	79 lm	8 lm	2.6 W[700mA]	4 W	2 lm/W	6055-0-2-994-XX	-	
	2700 K	130 lm	11 lm	1 W	2.4 W	4 lm/W	6087-0-3-525-XX	-	*Integrated driver
	3000 K	130 lm	11 lm	1 W	2.4 W	4 lm/W	6087-0-3-989-XX	-	*Integrated driver
	4000 K	140 lm	13 lm	1 W	2.4 W	5 lm/W	6087-0-3-899-XX	-	*Integrated driver
	Blue	35 lm	4 lm	1 W	2.4 W	1 lm/W	6087-0-3-992-XX	-	*Integrated driver
	Green	102 lm	10 lm	1 W	2.4 W	4 lm/W	6087-0-3-993-XX	-	*Integrated driver
	Red	46 lm	5 lm	1 W	2.4 W	2 lm/W	6087-0-3-994-XX	-	*Integrated driver

*for DALI option please consult your sales representative

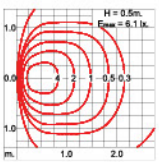
Light Distribution



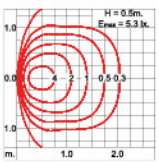
2 W[700mA] 3000 K



2.3 W[700mA] Green



1 W 3000 K

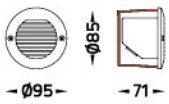


1 W Green

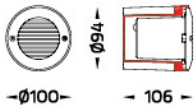
DOT Round Grill

IP55 IK 07/07 OR CE LED

A++ A+ A



OD-6056

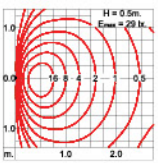


OD-6088

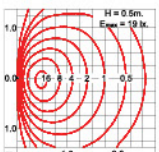
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code		
							On-Off	*1-10V*	
	2700 K	240 lm	36 lm	2 W[700mA]	3.4 W	10 lm/W	6056-0-2-525-XX	-	
	3000 K	240 lm	38 lm	2 W[700mA]	3.4 W	11 lm/W	6056-0-2-989-XX	-	
	4000 K	250 lm	39 lm	2 W[700mA]	3.4 W	11 lm/W	6056-0-2-899-XX	-	
	Blue	59 lm	8 lm	2.3 W[700mA]	3.7 W	2 lm/W	6056-0-2-992-XX	-	
	Green	158 lm	24 lm	2.3 W[700mA]	3.7 W	6 lm/W	6056-0-2-993-XX	-	
	Red	79 lm	12 lm	2.6 W[700mA]	4 W	3 lm/W	6056-0-2-994-XX	-	
	2700 K	130 lm	20 lm	1 W	2.4 W	8 lm/W	6088-0-3-525-XX	-	*Integrated driver
	3000 K	130 lm	20 lm	1 W	2.4 W	8 lm/W	6088-0-3-989-XX	-	*Integrated driver
	4000 K	140 lm	22 lm	1 W	2.4 W	9 lm/W	6088-0-3-899-XX	-	*Integrated driver
	Blue	35 lm	5 lm	1 W	2.4 W	2 lm/W	6088-0-3-992-XX	-	*Integrated driver
	Green	102 lm	16 lm	1 W	2.4 W	6 lm/W	6088-0-3-993-XX	-	*Integrated driver
	Red	46 lm	7 lm	1 W	2.4 W	2 lm/W	6088-0-3-994-XX	-	*Integrated driver

*for DALI option please consult your sales representative

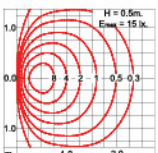
Light Distribution



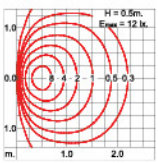
2 W[700mA] 3000 K



2.3 W[700mA] Green

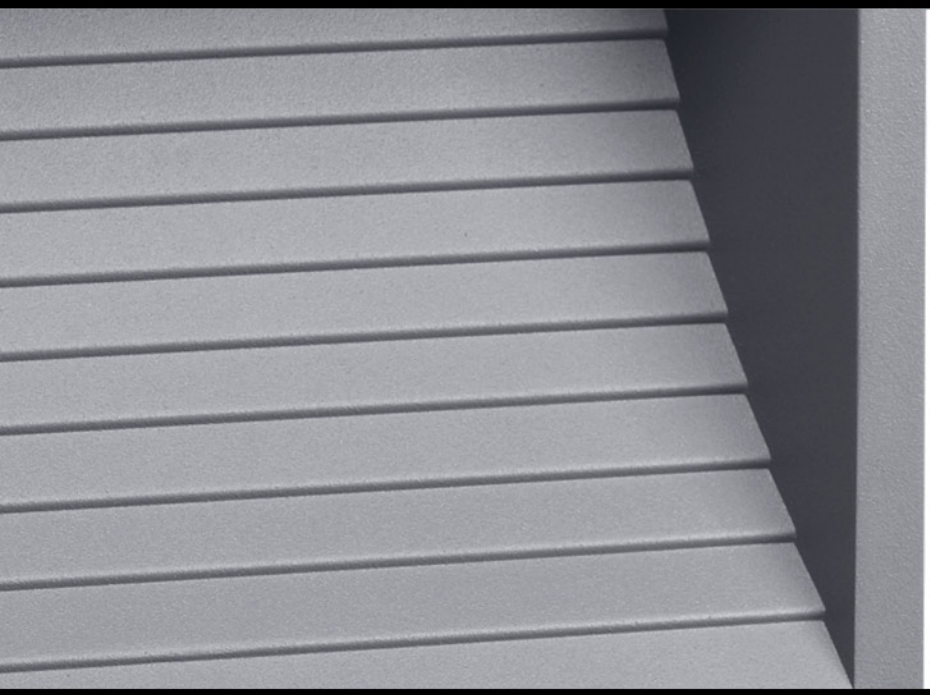


1 W 3000 K



1 W Green

Unilamp



PLUTO

PLUTO

Wall recessed fixtures **PLUTO** is available with LED light source in 2700K, 3000K or 4000K color temperature. **PLUTO** – RAMP with its glare free downward light distribution is a perfect fitting for pathway or stair case illumination. **PLUTO** – Flat is assembled with a unique white ceramic-coated tempered glass and it illuminates not only the ground surface but also its surroundings. The slim-recess housing enables it to be installed in thin wall applications.

PLUTO

1. **Body Housing**
   Enhanced LM6 Die-Cast Alumnium housing with 16-step coating process including Nano Ceramic film. Low copper content <0.1%

2. **Diffuser**
   Impact resistant safety tempered glass diffuser with micro-pattern arrays. Light spread evenly on the ground.

3. **LED**
   Array of mid power LED from world renowned manufacturer. Module attached on to heat conductive material. 3000K and 4000K CRI>80 3-Step SDCM.

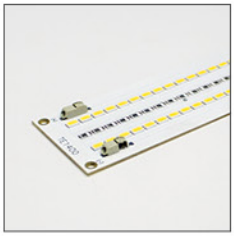
4. **Driver**
   High quality LED constant current driver. Complied with Safety and EMC regulations.

Armour shield coating.

Vandal resistant cover.

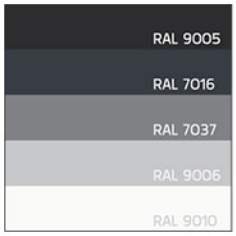
Visual comfort.

Double cable entry.


High quality LED module.

Approved LED components.

Coarted with Nano ceramic film.



Available in 5 colors.

PLUTO

Specification

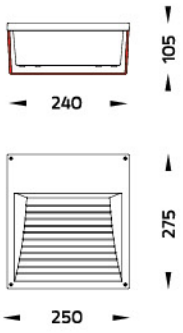
- Designed, Manufactered and tested according to IEC 60598-1, IEC 60598-2-2 and VDE regulations.
- LM6 die-cast aluminium body.
- GFR polymer recess box.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- GFR PA6.6 terminal block.
- Weather proof grommet.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

PLUTO Slim-Ramp

IP65 IK 09/07

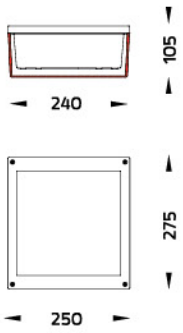


A++

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	1680 lm	522 lm	14 W	16 W	33 lm/W	6015-0-3-829-XX	-
	4000 K	1790 lm	554 lm	14 W	16 W	35 lm/W	6015-0-3-830-XX	-

*for DALI option please consult your sales representative

PLUTO Slim-Flat



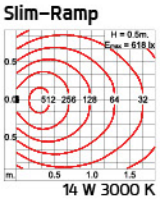
A+

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	1200 lm	570 lm	14 W	14 W	41 lm/W	6031-0-3-803-XX	-
	4000 K	1200 lm	570 lm	14 W	14 W	41 lm/W	6031-0-3-807-XX	-

*for DALI option please consult your sales representative

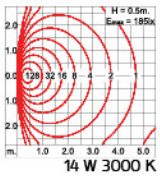
Light Distribution :

Slim-Ramp



14 W 3000 K

Slim-Flat



14 W 3000 K

Unilamp

ZOUK

ZOUK

ZOUK is delicately designed and engineered for slim profile surface mounted wall light, low glare without distracting screw. Manufactured from LM6 Aluminium the housing is built to last and be situated in the sea side environment. The coating of Nano Ceramic film and double layer of durable paint ensures longevity. It utilizes the latest LED technology from renowned manufacturers with high CRI in 3000K or 4000K. Available in three different design to compliment both commercial and residential applications.

Unilamp

Unilamp

ZOUK

Specification

- Designed, Manufactured and tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 die-cast aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- GFR PA6.6 terminal block.
- Weather proof grommet.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Slim clean-cut structure.

Low glare design.

No visible screw.

High quality Samsung LED.

Integrated LED driver.

Armor shield coating.

ZOUK

1. **Body Housing.**
   Enhanced LM6 Die-Cast Alumnium housing with 16-step coating process including Nano Ceramic film. Low copper content <0.1%

2. **Diffuser**
   Impact resistant safety tempered glass diffuser with etched surface . Light spread evenly on the ground.

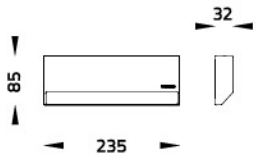
3. **LED**
   Array of mid power LED from world renowned manufacturer. Module attached directly to the body for fastest heat transfer. 2700K, 3000K and 4000K CRI>80 3-Step SDCM.

4. **Driver**
   High quality LED constant current driver. Conform to applicable safety standards and electromagnetic compatibility.

5. **Screw less**
   Clear and clean cut design. No visible screw from mounting point of view.

ZOUK1

IP65 IK 07/07

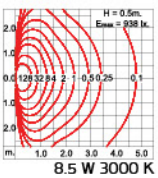


A++

Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On-Off	*1-10V*
2700 K	1120 lm	380 lm	8.5 W	12 W	31 lm/W	7052-0-3-527-XX	-
3000 K	1120 lm	380 lm	8.5 W	12 W	31 lm/W	7052-0-3-936-XX	-
4000 K	1210 lm	420 lm	8.5 W	12 W	35 lm/W	7052-0-3-939-XX	-

*for DALI option please consult your sales representative

Light Distribution

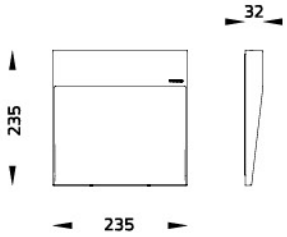


8.5 W 3000 K

Unilamp

ZOUK2

IP65 IK 07/07

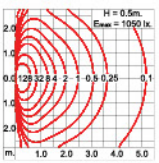


A++

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	2700 K	1120 lm	340 lm	8.5 W	12 W	28 lm/W	7053-0-3-527-XX	-
	3000 K	1120 lm	340 lm	8.5 W	12 W	28 lm/W	7053-0-3-936-XX	-
	4000 K	1210 lm	370 lm	8.5 W	12 W	30 lm/W	7053-0-3-939-XX	-

*for DALI option please consult your sales representative

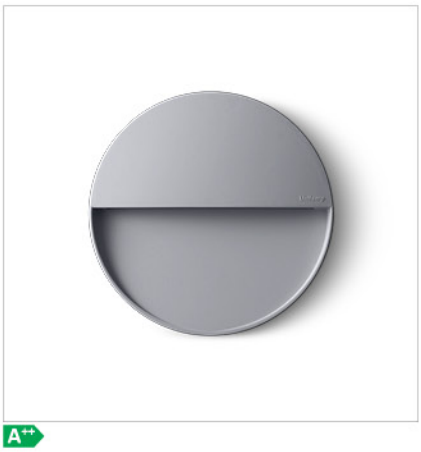
Light Distribution



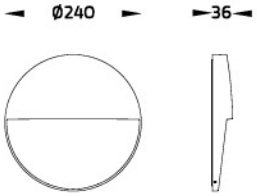
8.5 W 3000 K

ZOUK3

IP65 IK 07/07



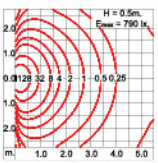
A++



Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On-Off	*1-10V*
2700 K	1120 lm	440 lm	8.5 W	12 W	36 lm/W	7054-0-3-527-XX	-
3000 K	1120 lm	440 lm	8.5 W	12 W	36 lm/W	7054-0-3-936-XX	-
4000 K	1210 lm	470 lm	8.5 W	12 W	39 lm/W	7054-0-3-939-XX	-

*for DALI option please consult your sales representative

Light Distribution



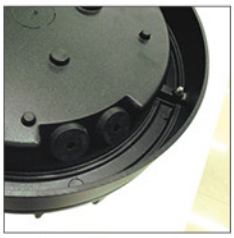
8.5 W 3000 K

RETINA

RETINA

RETINA is a round wall/ceiling light with robust aluminium construction and impact resistant polycarbonate diffuser The LED module is available with built-in microwave motion sensor and hi-low light function. The high protection rating of IP65 and IK09 allows RETINA to be installed in rough outdoor environments. With a diffused light distribution, it provides smooth and uniform illumination in private and public areas and is also suitable for commercial use. The front cover is available in various designs; moreover, RETINA is available in two sizes with the choice of five different colors.

High impact resistant body and cover.



Double cable entry for through wiring.

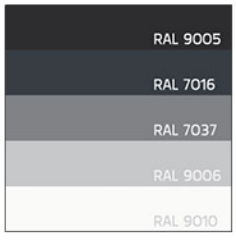
Prepared for side-entry cable.

Armor shield coating.

Build-in microwave sensor.

Hi-low light function.

Changable LED unit.



Available in 5 colors.

RETINA

Specification

- Designed, Manufactured and tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Polycarbonate diffuser.
- Post-cured silicone gasket.
- High quality LED module and driver. Replaceable for future upgrade.
- Optional with motion detector (Microwave Sensor).
- Quick connector for easy installation.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Basic concept with common LED module

All LED luminaires within Retina series has all the same unique advantages that gives maximum comfort and energy-savings.

Features:

- Hinged re-changeable LED module
- Push-wire terminals
- Master/slave solution
- Step dim (50/25%)

Retina has all the great features you would expect in a modern luminaire. First and foremost, these are durable and flexible "energy saving fixtures". The LED module is rated energy class A+ and is extremely energy efficient. These luminaires are suitable both for common areas where the light is on during all day, and as in the most elegente interiors. Retina is delivered in IP65.

The best-selling range of luminaires

Retina are in the category of "General purpose-, energy saving-Bulk Head luminaires". They are often used to illuminates corridors, storages and garages. Architects use fittings as elegant design elements to create practical and elegant homes. The strong polycarbonate opal diffuser, withstand vandalism at the same time as it discreetly provide light without being dominant.

Choose between unique designs, Retina with open, striped, cross or half screen decorative elements. Retina are made of die-cast aluminum with a special coating which provides maintenance-free surface through decades.

Replaceable LED module for future upgrade.

Slave function is the solution for garages and long corridors. Retina LED models maybe used as slave luminaires without any additional equipment. These are controlled by one or more Sensor luminaires see pages 188 and 189.

A uniform light distribution is secured by more than 120 individual LED elements. This given an elegant impression, a glare-free lighting and are esthetical successful solution.

The hinge illuminated panel, with integrated power supply, may be titled to side and simple assembly or replacement at upgrades or service.

SMD LED illuminated surface completely even light. The LED illuminated panel provides 1200/2550 lumens at 14W/27W total power IP65 Class II. Energy Class A+ ensures great power savings.

1200/2550 lumens from the illuminated panel means more than 70% effective light out by the luminaire. No matter the method of measurement, Retina are among the most efficient luminaries in the market.

The basic concept of the Sensor LED module

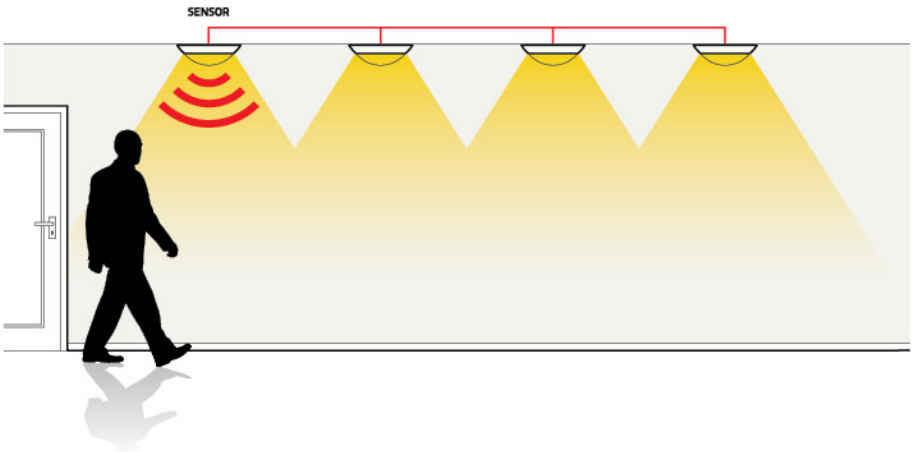
The sensor combines safety and comfort with the best possible energy savings

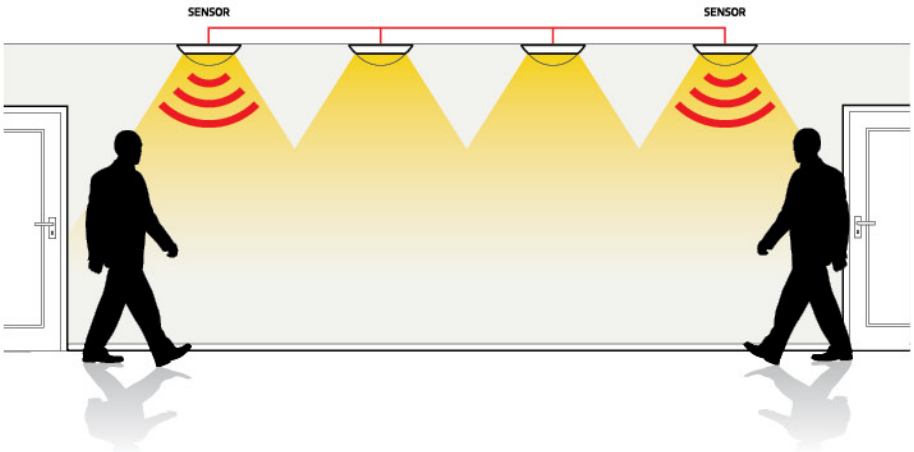
Features:

- Hinged energy-efficient LED module with integrated sensor
- Dynamic light
- Adjustable light level and detection range

Slave: Slave is the solution of garages and long corridors. The standard LED luminaires are controlled by one or more sensor luminaires. Residents are experiencing full safety and comfort while the energy bills are reduced significantly.

The sensor luminaires has all the benefits as the standard fittings. In addition you will get the sensor and the opportunities it brings. It is not just the light is dynamic, which means that the illumination increases from the set basic-level, to full light, when people are detected in the area. The dimmed basic light submits a feeling of security from the luminaire.



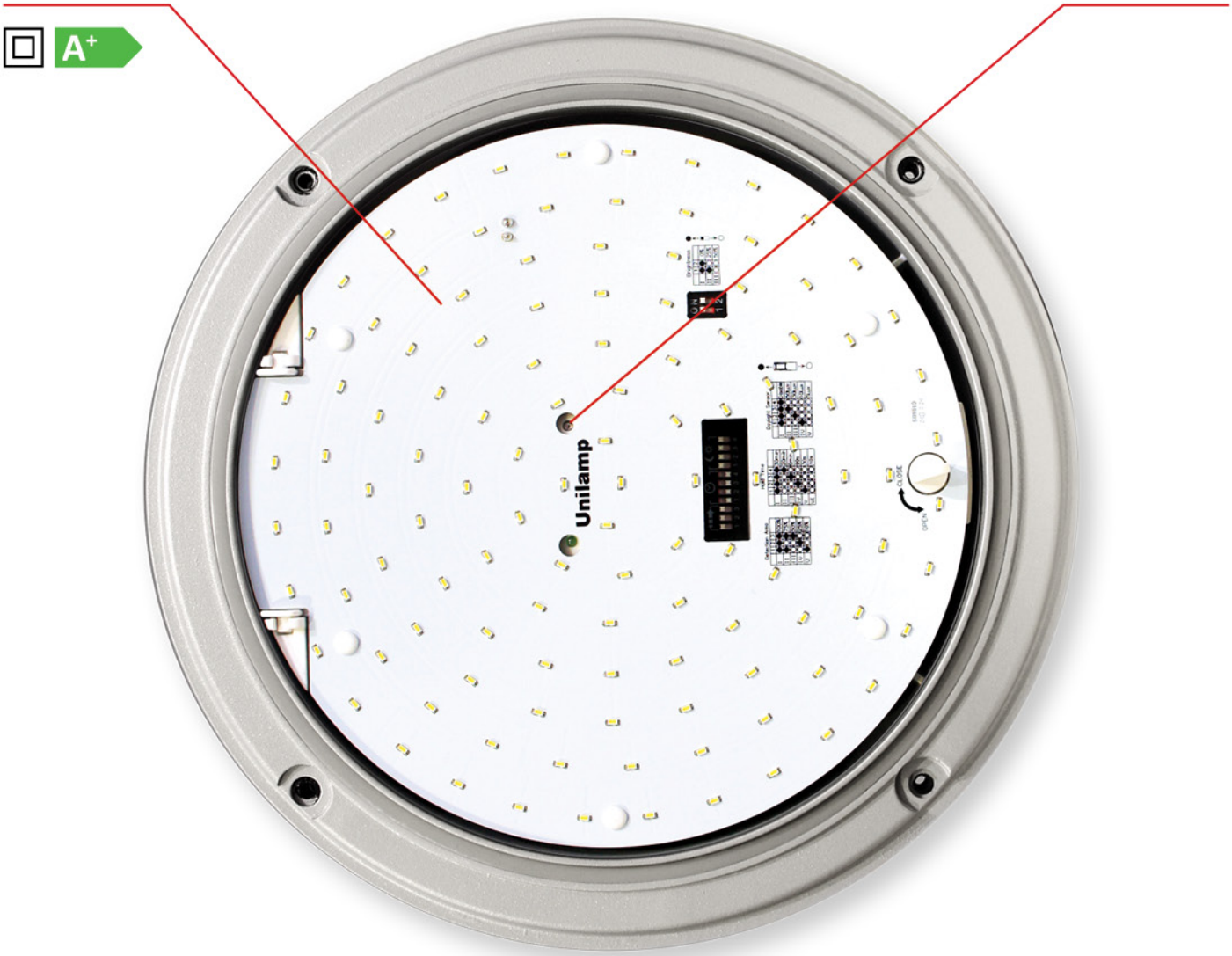


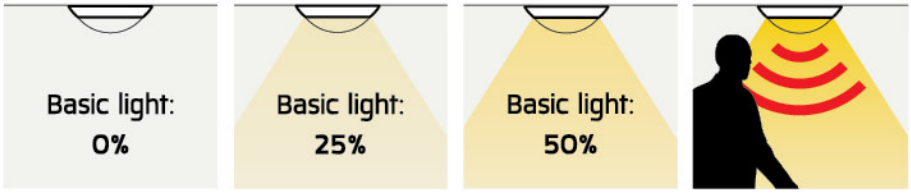
Sensor/slave:
Detects people at a distance which adjustable between 1 and 9 meters. Sensor luminaire can control up to 25 slave luminaires, ie standard fittings, see page 312 and 313.

The light can be controlled from two directions, ie each end of corridor or garage facility. Then sensor fittings are mounted on each end of the row of the luminaires. It is also possible to put a sensor luminaire in the middle of the row of slave luminaires.

SMD LED illuminated surface provides completely even light. The LED illuminated panel provides 1200/2550 lumens at 14W/27W total power. IP65 Class II. Energy Class A+ ensures great power savings.

Sensor with adjustable dynamic light and variable basic light (25% and 50%). Residents experiencing full safety and comfort while reducing the energy bills significantly.





Dynamic light

The luminaire is illuminated with basic light that is 0, 25 or 50% of full light when no one is in range of the sensor. When a person comes within the set range (1 to 9 meters) the light are turned on full light. The basic light is an important safety feature.

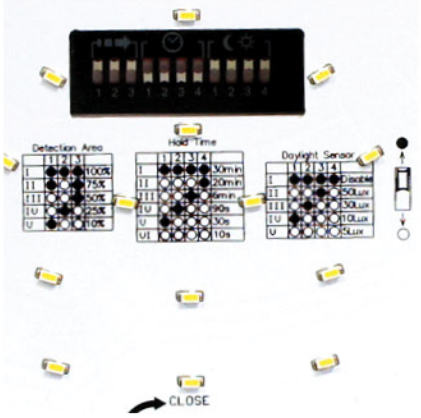
Hold light

The luminaire is illuminated with its full output in an adjustable time after the last detection. The time may be set from 30 seconds to 30 minutes. The time can also be set to 10 seconds for rapid testing during installation.

Daylight sensor

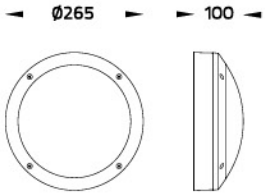
The luminaire programming can be set so it light up at a given exterior brightness. The value is between 5 to 50 lux. This provides a complete automatic operation, and makes it an excellent choice in installations where there is heavy traffic throughout the day.

Sensor: Sensitivity time and brightness setting are made easy with dip-switches. For the simplicity of changing the parameters, the operation codes are printed on the LED module. There is even a test function so you do not have to wait in real time intervals during the setup of the sensor management.



Mini RETINA 1

IP65 IK 09/09

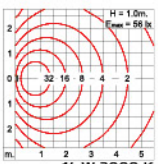


A+

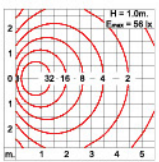
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	1200 lm	640 lm	14 W	14 W	45 lm/W	7009-0-3-801-XX	-
	4000 K	1200 lm	640 lm	14 W	14 W	45 lm/W	7009-0-3-805-XX	-
	3000 K	1200 lm	640 lm	15 W	15 W	42 lm/W	7009-0-3-802-XX	-
	4000 K	1200 lm	640 lm	15 W	15 W	42 lm/W	7009-0-3-806-XX	-

*for DALI option please consult your sales representative

Light Distribution



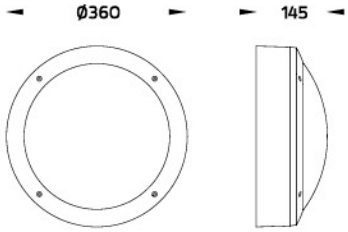
14 W 3000 K



15 W 3000 K

Maxi RETINA 1

IP65 IK 09 09



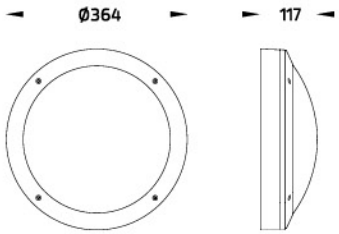
A+

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	2550 lm	1100 lm	27 W	27 W	40 lm/W	7010-0-3-823-XX	-
	4000 K	2550 lm	1100 lm	27 W	27 W	40 lm/W	7010-0-3-824-XX	-
	3000 K	2550 lm	1100 lm	28 W	28 W	39 lm/W	7010-0-3-809-XX	-
	4000 K	2550 lm	1100 lm	28 W	28 W	39 lm/W	7010-0-3-810-XX	-

*for DALI option please consult your sales representative

Neo Maxi RETINA 1

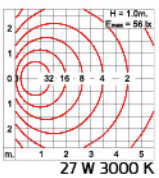
**Slim version*



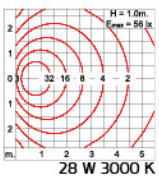
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	2550 lm	1100 lm	27 W	27 W	40 lm/W	7080-0-3-823-XX	-
	4000 K	2550 lm	1100 lm	27 W	27 W	40 lm/W	7080-0-3-824-XX	-
	3000 K	2550 lm	1100 lm	28 W	28 W	39 lm/W	7080-0-3-809-XX	-
	4000 K	2550 lm	1100 lm	28 W	28 W	39 lm/W	7080-0-3-810-XX	-

*for DALI option please consult your sales representative

Light Distribution



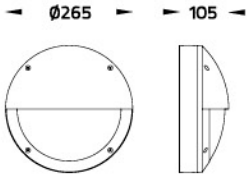
27 W 3000 K



28 W 3000 K

Mini RETINA 2

IP65 IK 09/09

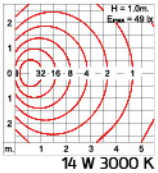


A+

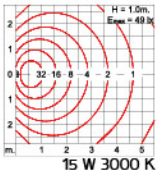
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	1200 lm	510 lm	14 W	14 W	36 lm/W	7015-0-3-801-XX	-
	4000 K	1200 lm	510 lm	14 W	14 W	36 lm/W	7015-0-3-805-XX	-
	3000 K	1200 lm	510 lm	15 W	15 W	34 lm/W	7015-0-3-802-XX	-
	4000 K	1200 lm	510 lm	15 W	15 W	34 lm/W	7015-0-3-806-XX	-

*for DALI option please consult your sales representative

Light Distribution



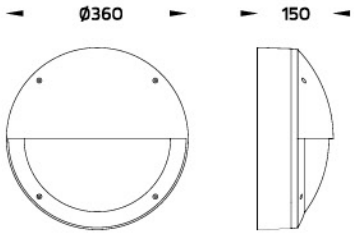
14 W 3000 K



15 W 3000 K

Maxi RETINA 2

IP65 IK 09 09



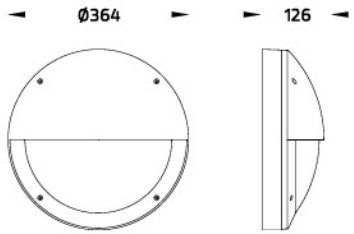
A+

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	2550 lm	640 lm	27 W	27 W	23 lm/W	7016-0-3-823-XX	-
	4000 K	2550 lm	640 lm	27 W	27 W	23 lm/W	7016-0-3-824-XX	-
	3000 K	2550 lm	640 lm	28 W	28 W	22 lm/W	7016-0-3-809-XX	-
	4000 K	2550 lm	640 lm	28 W	28 W	22 lm/W	7016-0-3-810-XX	-

*for DALI option please consult your sales representative

Neo Maxi RETINA 2

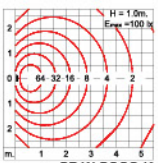
**Slim version*



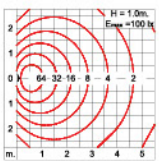
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	2550 lm	640 lm	27 W	27 W	23 lm/W	7081-0-3-823-XX	-
	4000 K	2550 lm	640 lm	27 W	27 W	23 lm/W	7081-0-3-824-XX	-
	3000 K	2550 lm	640 lm	28 W	28 W	22 lm/W	7081-0-3-809-XX	-
	4000 K	2550 lm	640 lm	28 W	28 W	22 lm/W	7081-0-3-810-XX	-

*for DALI option please consult your sales representative

Light Distribution



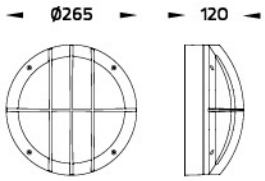
27 W 3000 K



28 W 3000 K

Mini RETINA 3

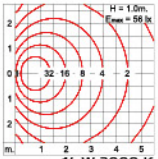
IP65 IK 09/09



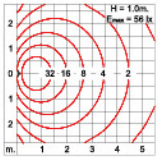
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	1200 lm	650 lm	14 W	14 W	46 lm/W	7013-0-3-801-XX	-
	4000 K	1200 lm	650 lm	14 W	14 W	46 lm/W	7013-0-3-805-XX	-
	3000 K	1200 lm	650 lm	15 W	15 W	43 lm/W	7013-0-3-802-XX	-
	4000 K	1200 lm	650 lm	15 W	15 W	43 lm/W	7013-0-3-806-XX	-

*for DALI option please consult your sales representative

Light Distribution



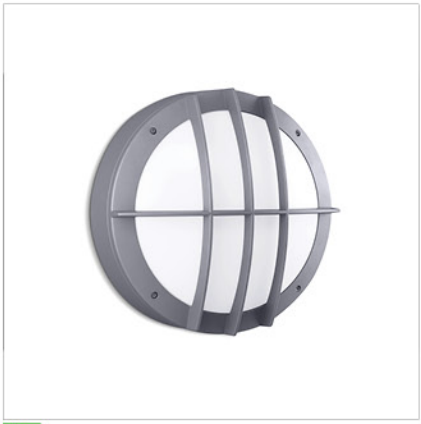
14 W 3000 K

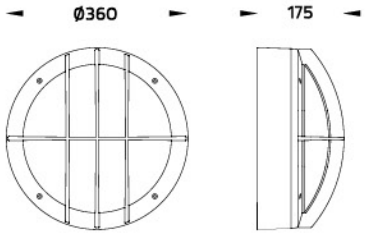


15 W 3000 K

Maxi RETINA 3

IP65 IK 09 09





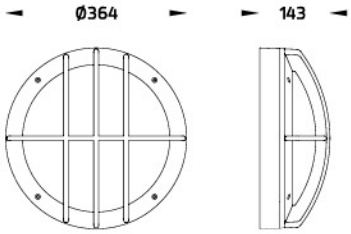
A+

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	2550 lm	1540 lm	27 W	27 W	57 lm/W	7014-0-3-823-XX	-
	4000 K	2550 lm	1540 lm	27 W	27 W	57 lm/W	7014-0-3-824-XX	-
	3000 K	2550 lm	1540 lm	28 W	28 W	55 lm/W	7014-0-3-809-XX	-
	4000 K	2550 lm	1540 lm	28 W	28 W	55 lm/W	7014-0-3-810-XX	-

*for DALI option please consult your sales representative

Neo Maxi RETINA 3

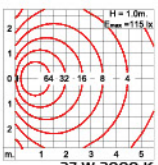
**Slim version*



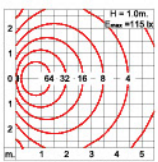
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	2550 lm	1540 lm	27 W	27 W	57 lm/W	7082-0-3-823-XX	-
	4000 K	2550 lm	1540 lm	27 W	27 W	57 lm/W	7082-0-3-824-XX	-
	3000 K	2550 lm	1540 lm	28 W	28 W	55 lm/W	7082-0-3-809-XX	-
	4000 K	2550 lm	1540 lm	28 W	28 W	55 lm/W	7082-0-3-810-XX	-

*for DALI option please consult your sales representative

Light Distribution



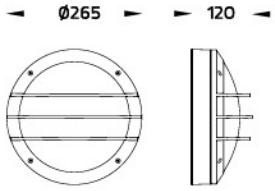
27 W 3000 K



28 W 3000 K

Mini RETINA 4

IP65 IK 09 09

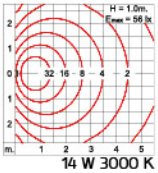


A+

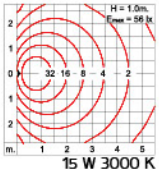
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	1200 lm	700 lm	14 W	14 W	50 lm/W	7047-0-3-801-XX	-
	4000 K	1200 lm	700 lm	14 W	14 W	50 lm/W	7047-0-3-805-XX	-
	3000 K	1200 lm	700 lm	15 W	15 W	46 lm/W	7047-0-3-802-XX	-
	4000 K	1200 lm	700 lm	15 W	15 W	46 lm/W	7047-0-3-806-XX	-

*for DALI option please consult your sales representative

Light Distribution



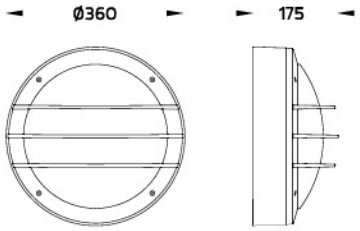
14 W 3000 K



15 W 3000 K

Maxi RETINA 4

IP65 IK 09 09



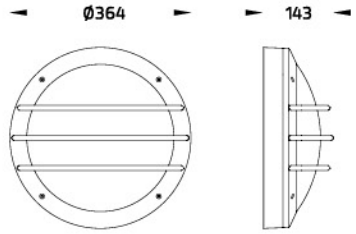
A+

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	2550 lm	1580 lm	27 W	27 W	58 lm/W	7017-0-3-823-XX	-
	4000 K	2550 lm	1580 lm	27 W	27 W	58 lm/W	7017-0-3-824-XX	-
	3000 K	2550 lm	1580 lm	28 W	28 W	56 lm/W	7017-0-3-809-XX	-
	4000 K	2550 lm	1580 lm	28 W	28 W	56 lm/W	7017-0-3-810-XX	-

*for DALI option please consult your sales representative

Neo Maxi RETINA 4

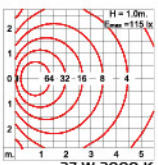
**Slim version*



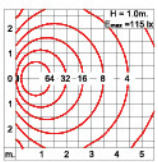
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	2550 lm	1580 lm	27 W	27 W	58 lm/W	7083-0-3-823-XX	-
	4000 K	2550 lm	1580 lm	27 W	27 W	58 lm/W	7083-0-3-824-XX	-
	3000 K	2550 lm	1580 lm	28 W	28 W	56 lm/W	7083-0-3-809-XX	-
	4000 K	2550 lm	1580 lm	28 W	28 W	56 lm/W	7083-0-3-810-XX	-

*for DALI option please consult your sales representative

Light Distribution



27 W 3000 K

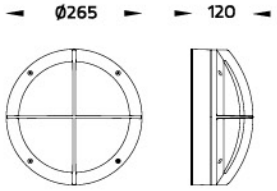


28 W 3000 K

Unilamp

Mini RETINA 5

IP65 IK 09/09

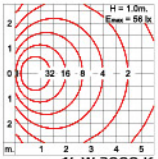


A+

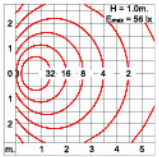
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	1200 lm	780 lm	14 W	14 W	55 lm/W	7037-0-3-801-XX	-
	4000 K	1200 lm	780 lm	14 W	14 W	55 lm/W	7037-0-3-805-XX	-
	3000 K	1200 lm	780 lm	15 W	15 W	52 lm/W	7037-0-3-802-XX	-
	4000 K	1200 lm	780 lm	15 W	15 W	52 lm/W	7037-0-3-806-XX	-

*for DALI option please consult your sales representative

Light Distribution



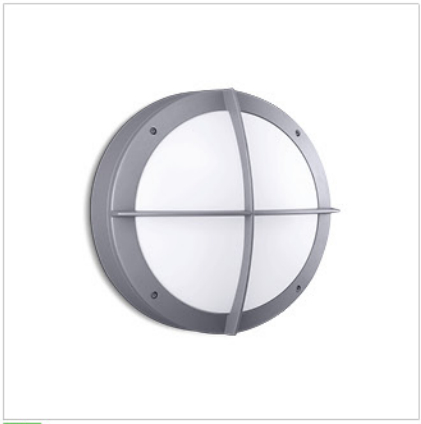
14 W 3000 K

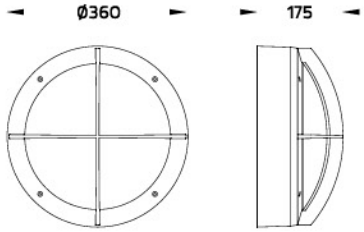


15 W 3000 K

Maxi RETINA 5

IP65 IK 09 09





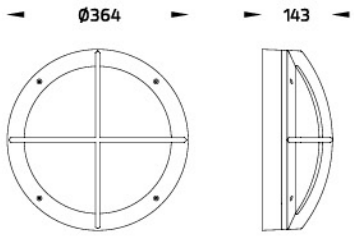
A+

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	2550 lm	1730 lm	27 W	27 W	64 lm/W	7038-0-3-823-XX	-
	4000 K	2550 lm	1730 lm	27 W	27 W	64 lm/W	7038-0-3-824-XX	-
	3000 K	2550 lm	1730 lm	28 W	28 W	61 lm/W	7038-0-3-809-XX	-
	4000 K	2550 lm	1730 lm	28 W	28 W	61 lm/W	7038-0-3-810-XX	-

*for DALI option please consult your sales representative

Neo Maxi RETINA 5

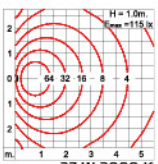
**Slim version*



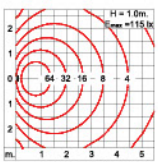
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	2550 lm	1730 lm	27 W	27 W	64 lm/W	7084-0-3-823-XX	-
	4000 K	2550 lm	1730 lm	27 W	27 W	64 lm/W	7084-0-3-824-XX	-
	3000 K	2550 lm	1730 lm	28 W	28 W	61 lm/W	7084-0-3-809-XX	-
	4000 K	2550 lm	1730 lm	28 W	28 W	61 lm/W	7084-0-3-810-XX	-

*for DALI option please consult your sales representative

Light Distribution



27 W 3000 K

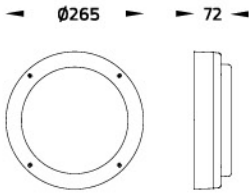


28 W 3000 K

Mini RETINA FLAT

IP65 IK 09 09

NEW Release

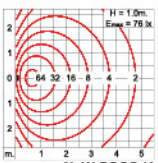


A+

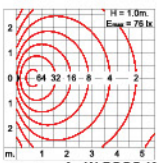
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	1200 lm	950 lm	14 W	14 W	67 lm/W	7072-0-3-801-XX	-
	4000 K	1200 lm	950 lm	14 W	14 W	67 lm/W	7072-0-3-805-XX	-
	3000 K	1200 lm	950 lm	15 W	15 W	63 lm/W	7072-0-3-802-XX	-
	4000 K	1200 lm	950 lm	15 W	15 W	63 lm/W	7072-0-3-806-XX	-

*for DALI option please consult your sales representative

Light Distribution



14 W 3000 K

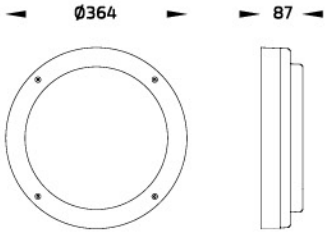


15 W 3000 K

Maxi RETINA FLAT

IP65 IK 09 09

NEW Release

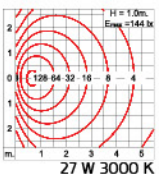


A+

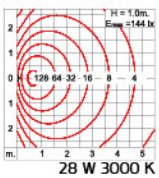
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	2550 lm	1870 lm	27 W	27 W	69 lm/W	7073-0-3-823-XX	-
	4000 K	2550 lm	1870 lm	27 W	27 W	69 lm/W	7073-0-3-824-XX	-
	3000 K	2550 lm	1870 lm	28 W	28 W	66 lm/W	7073-0-3-809-XX	-
	4000 K	2550 lm	1870 lm	28 W	28 W	66 lm/W	7073-0-3-810-XX	-

*for DALI option please consult your sales representative

Light Distribution



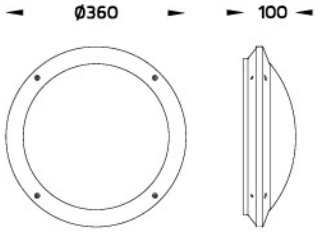
27 W 3000 K



28 W 3000 K

Maxi RETINA 1/SH

IP65 IK 09/09

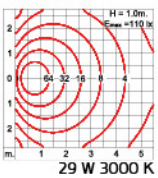


A+

Super Slim Housing with AC LED

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	2570 lm	1120 lm	29 W	29 W	38 lm/W	7021-0-3-827-XX	-
	4000 K	2700 lm	1120 lm	29 W	29 W	38 lm/W	7021-0-3-828-XX	-

Light Distribution



29 W 3000 K

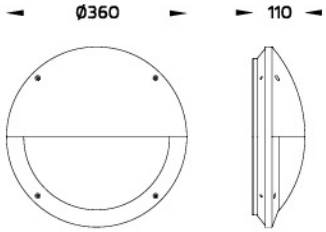
Unilamp

Maxi RETINA 2/SH

IP65 IK 09 09

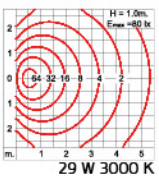
A+

Super Slim Housing with AC LED



	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	2570 lm	680 lm	29 W	29 W	23 lm/W	7042-0-3-827-XX	-
	4000 K	2700 lm	680 lm	29 W	29 W	23 lm/W	7042-0-3-828-XX	-

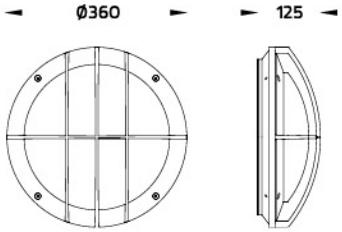
Light Distribution



29 W 3000 K

Maxi RETINA 3/SH

IP65 IK 09/09

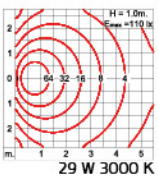


A+

Super Slim Housing with AC LED

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	2570 lm	1540 lm	29 W	29 W	53 lm/W	7041-0-3-827-XX	-
	4000 K	2700 lm	1540 lm	29 W	29 W	53 lm/W	7041-0-3-828-XX	-

Light Distribution

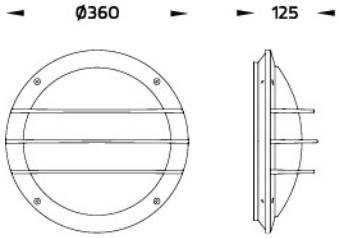


29 W 3000 K

Unilamp

Maxi RETINA 4/SH

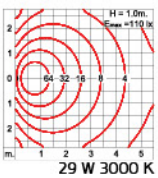
IP65 IK 09 09



A+ *Super Slim Housing with AC LED*

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	2570 lm	1580 lm	29 W	29 W	54 lm/W	7043-0-3-827-XX	-
	4000 K	2700 lm	1580 lm	29 W	29 W	54 lm/W	7043-0-3-828-XX	-

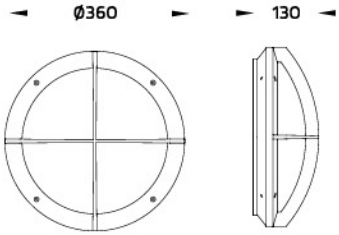
Light Distribution



29 W 3000 K

Maxi RETINA 5/SH

IP65 IK 09 09

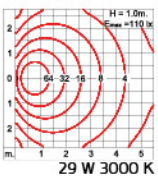


A+

Super Slim Housing with AC LED

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	2570 lm	1730 lm	29 W	29 W	59 lm/W	7044-0-3-827-XX	-
	4000 K	2700 lm	1730 lm	29 W	29 W	59 lm/W	7044-0-3-828-XX	-

Light Distribution



29 W 3000 K

Unilamp

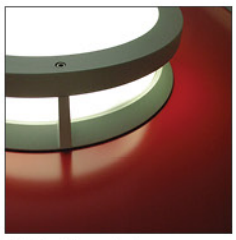
ECLIPSE

ECLIPSE

ECLIPSE is a round-shaped wall or ceiling fitting with a decorative element of 360°side emission. It has a well-made aluminium construction and high impact resistant polycarbonate cover. The high protection rating of IP65 and IK09 allows **ECLIPSE** to be installed in the harshest outdoor environment. With the diffused light distribution, it provides general lighting to private and public areas and is commonly used in commercial areas. **ECLIPSE** utilizes high quality LED light source and is available in both 3000K and 4000K.

High impact resistant body and cover.

Two cable entries for through wiring.



360° side emission.

High quality LED module with protection cover.

Equipped with MOV on board.

Armor shield coating.

Specification

- Designed, Manufactured and tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Polycarbonate diffuser.
- Post-cured silicone gasket.
- High quality AC LED module. Replaceable for future upgrade.
- Weather proof TPE grommet.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

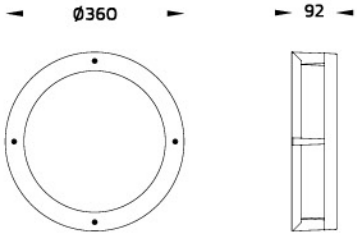
Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

ECLIPSE

IP65 IK 09 09

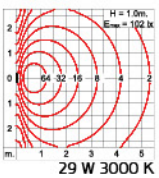
A+

**Housing with AC LED*



	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	2570 lm	1630 lm	29 W	29 W	56 lm/W	7023-0-3-827-XX	-
	4000 K	2700 lm	1710 lm	29 W	29 W	58 lm/W	7023-0-3-828-XX	-

Light Distribution



29 W 3000 K

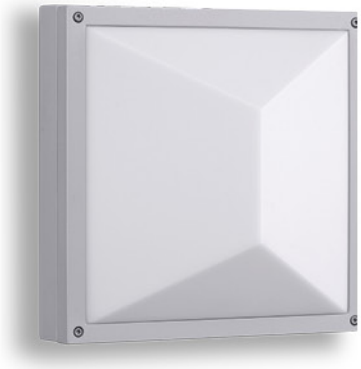
DRIFT

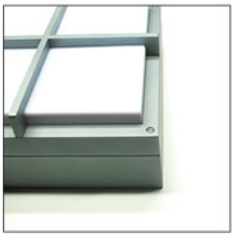
DRIFT

Square in shape DRIFT wall and ceiling lights have a rugged aluminium structure and impact resistant polycarbonate diffuser.

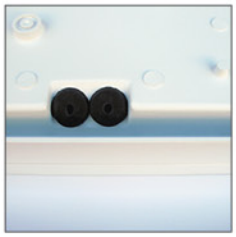
The LED module is available with built-in microwave motion sensor and hi-low light function.

The high protection rating of IP65 and IK09 allows DRIFT to be installed in the harshest outdoor environments. With the diffused light distribution, it provides good low glare general lighting to private and public areas. The front cover is available in various designs; moreover, DRIFT is available in two sizes with the choice of five different colors.





High impact resistant body and cover.



Double cable entry for through wiring.

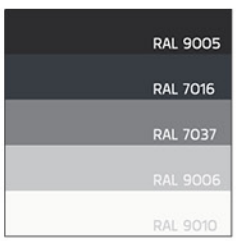
Prepared for side-entry cable.

Armor shield coating.

Build-in microwave sensor.

Hi-low light function.

Changable LED unit.



Available in 5 colors.

DRIFT

Specification

- Designed, Manufactured and tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Polycarbonate diffuser.
- Post-cured silicone gasket.
- High quality LED module and driver. Replaceable for future upgrade.
- Optional with motion detector (Microwave Sensor).
- Quick connector for easy installation.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Basic concept with common LED module

All LED luminaires within DRIFT series has all the same unique advantages that gives maximum comfort and energy-savings.

Features:

- Hinged re-changeable LED module
- Push-wire terminals
- Master/slave solution
- Step dim (50/25%)

DRIFT has all the great features you would expect in a modern luminaire. First and foremost, these are durable and flexible "energy saving fixtures". The LED module is rated energy class A+ and is extremely energy efficient. These luminaires are suitable both for common areas where the light is on during all day, and as in the most elegente interiors. DRIFT is delivered in IP65.

The best-selling range of luminaires

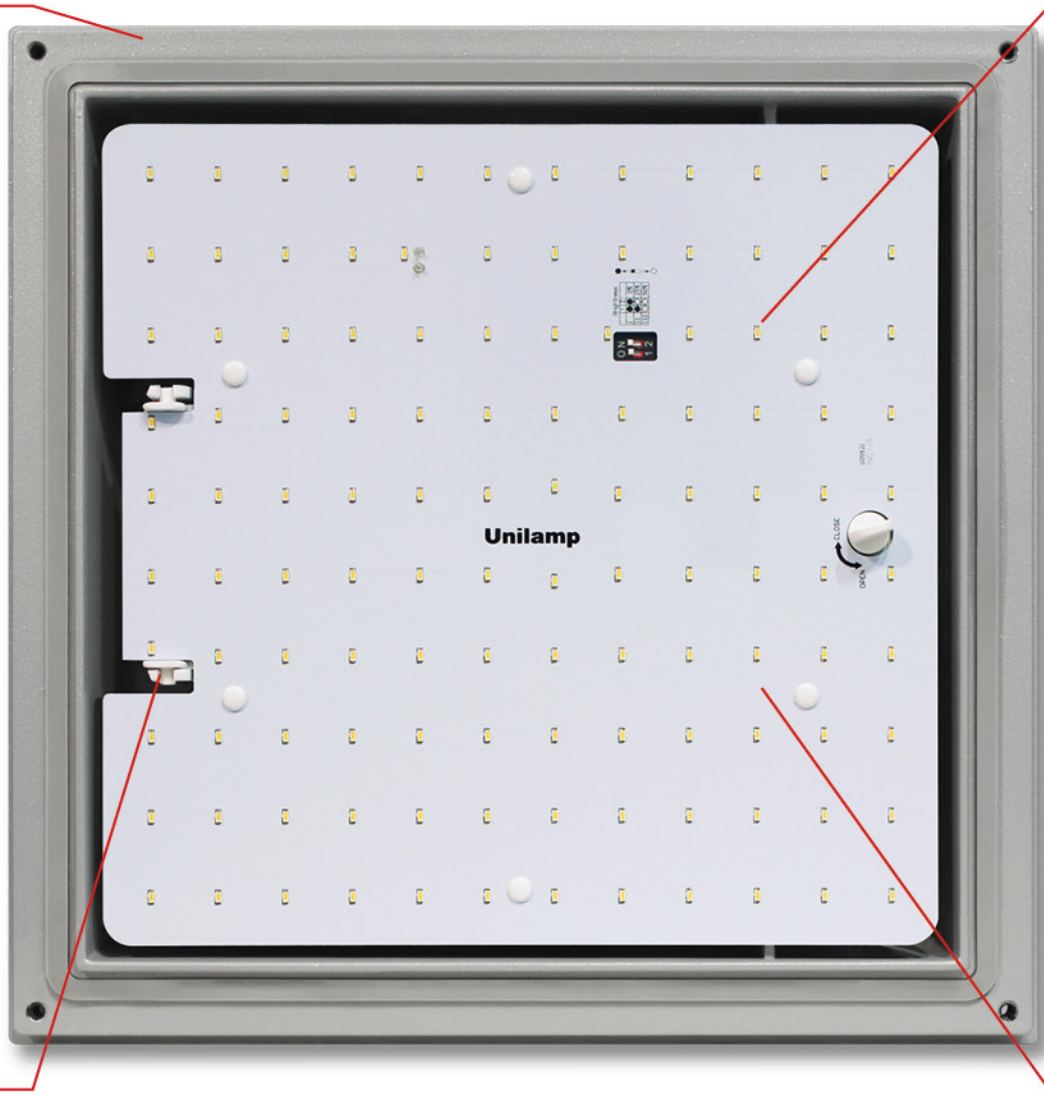
DRIFT are in the category of "General purpose-, energy saving-Bulk Head luminaires". They are often used to illuminates corridors, storages and garages. Architects use fittings as elegant design elements to create practical and elegant homes. The strong polycarbonate opal diffuser, withstand vandalism at the same time as it discreetly provide light without being dominant.

Choose between unique designs, DRIFT with open, cross or half screen decorative elements. DRIFT are made of die-cast aluminum with a special coating which provides maintenance-free surface through decades.

Replaceable LED module for future upgrade.

Slave function is the solution for garages and long corridors. DRIFT LED models maybe used as slave luminaires without any additional equipment. These are controlled by one or more Sensor luminaires see pages 210 and 211.

A uniform light distribution is secured by more than 120 individual LED elements. This given an elegant impression, a glare-free lighting and are esthetical successful solution.



The hinge illuminated panel, with integrated power supply, may be titled to side and simple assembly or replacement at upgrades or service.

SMD LED illuminated surface completely even light. The LED illuminated panel provides 1200/2550 lumens at 14W/27W total power IP65 Class II. Energy Class A+ ensures great power savings.

1200/2550 lumens from the illuminated panel means more than 70% effective light out by the luminaire. No matter the method of measurement, DRIFT are among the most efficient luminaries in the market.

The basic concept of the Sensor LED module

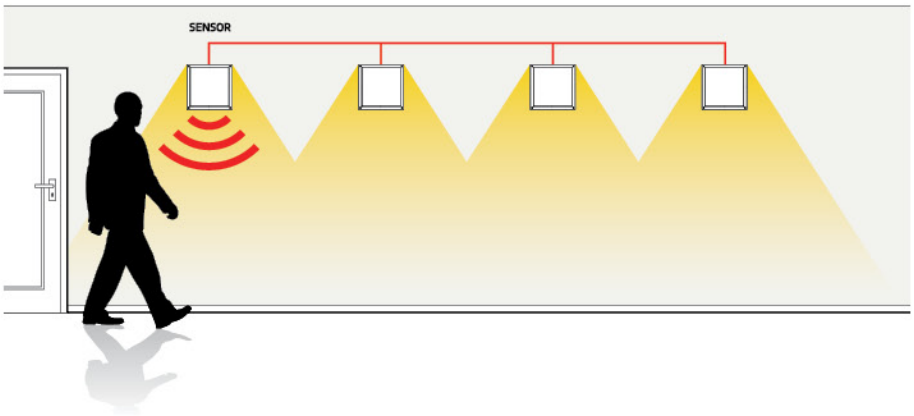
The sensor combines safety and comfort with the best possible energy savings

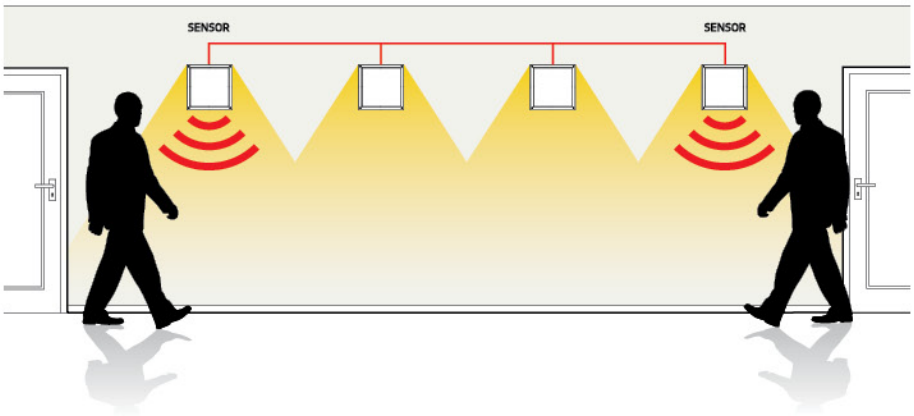
Features:

- Hinged energy-efficient LED module with integrated sensor
- Dynamic light
- Adjustable light level and detection range

Slave: Slave is the solution of garages and long corridors. The standard LED luminaires are controlled by one or more sensor luminaires. Residents are experiencing full safety and comfort while the energy bills are reduced significantly.

The sensor luminaires has all the benefits as the standard fittings. In addition you will get the sensor and the opportunities it brings. It is not just the light is dynamic, which means that the illumination increases from the set basic-level, to full light, when people are detected in the area. The dimmed basic light submits a feeling of security from the luminaire.



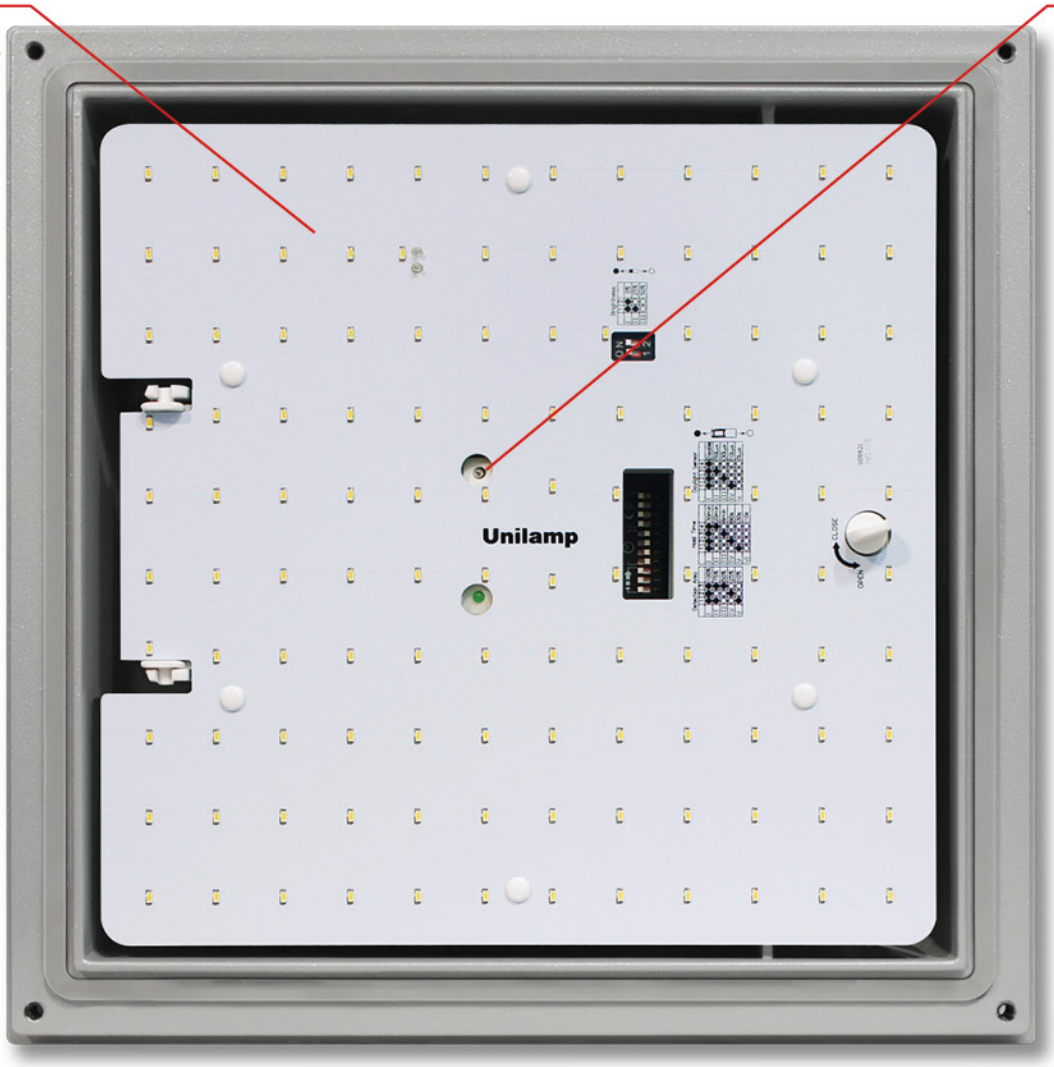


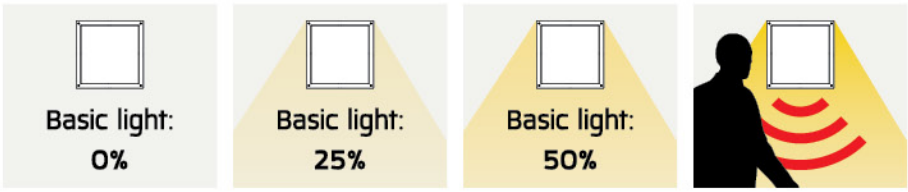
Sensor/slave:
Detects people at a distance which adjustable between 1 and 9 meters. Sensor luminaire can control up to 25 slave luminaires, ie standard fittings, see page 346 and 347.

The light can be controlled from two directions, ie each end of corridor or garage facility. Then sensor fittings are mounted on each end of the row of the luminaires. It is also possible to put a sensor luminaire in the middle of the row of slave luminaires.

SMD LED illuminated surface provides completely even light. The LED illuminated panel provides 1200/2550 lumens at 14W/27W total power. IP65 Class II. Energy Class A+ ensures great power savings.

Sensor with adjustable dynamic light and variable basic light (25% and 50%). Residents experiencing full safety and comfort while reducing the energy bills significantly.





Dynamic light

The luminaire is illuminated with basic light that is 0, 25 or 50% of full light when no one is in range of the sensor. When a person comes within the set range (1 to 9 meters) the light are turned on full light. The basic light is an important safety feature.

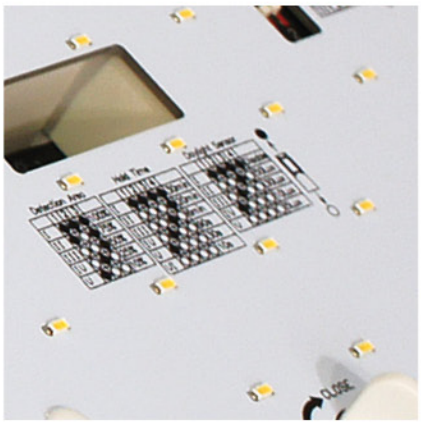
Hold light

The luminaire is illuminated with its full output in an adjustable time after the last detection. The time may be set from 30 seconds to 30 minutes. The time can also be set to 10 seconds for rapid testing during installation.

Daylight sensor

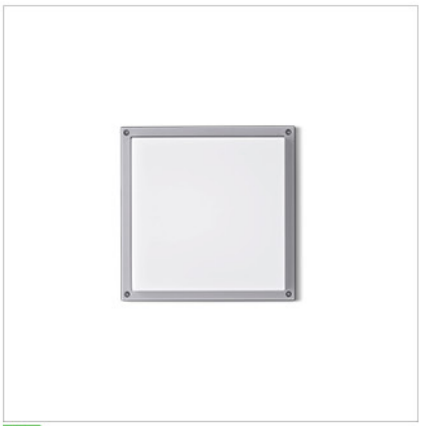
The luminaire programming can be set so it light up at a given exterior brightness. The value is between 5 to 50 lux. This provides a complete automatic operation, and makes it an excellent choice in installations where there is heavy traffic throughout the day.

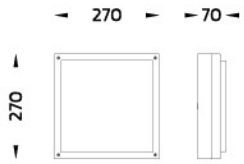
Sensor: Sensitivity time and brightness setting are made easy with dip-switches. For the simplicity of changing the parameters, the operation codes are printed on the LED module. There is even a test function so you do not have to wait in real time intervals during the setup of the sensor management.



Mini Flat DRIFT

IP65 IK 09/09

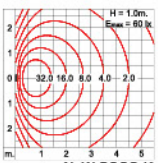




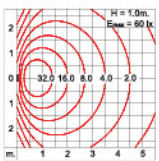
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	1200 lm	540 lm	14 W	14 W	38 lm/W	7024-0-3-803-XX	-
	4000 K	1200 lm	540 lm	14 W	14 W	38 lm/W	7024-0-3-807-XX	-
	3000 K	1200 lm	540 lm	15 W	15 W	36 lm/W	7024-0-3-804-XX	-
	4000 K	1200 lm	540 lm	15 W	15 W	36 lm/W	7024-0-3-808-XX	-

*for DALI option please consult your sales representative

Light Distribution



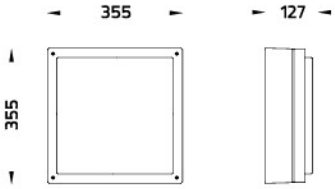
14 W 3000 K



15 W 3000 K

Maxi Flat DRIFT

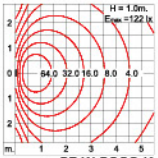
IP65 IK 09/09



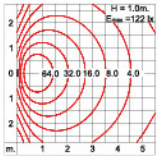
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	2550 lm	1860 lm	27 W	27 W	68 lm/W	7032-0-3-987-XX	-
	4000 K	2550 lm	1860 lm	27 W	27 W	68 lm/W	7032-0-3-988-XX	-
	3000 K	2550 lm	1860 lm	28 W	28 W	66 lm/W	7032-0-3-821-XX	-
	4000 K	2550 lm	1860 lm	28 W	28 W	66 lm/W	7032-0-3-822-XX	-

*for DALI option please consult your sales representative

Light Distribution



27 W 3000 K

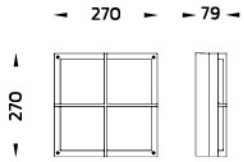


28 W 3000 K

Unilamp

Mini Cross DRIFT

IP65 IK 09/09

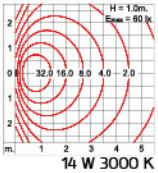


A+

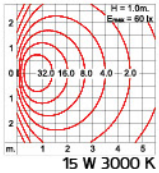
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	1200 lm	480 lm	14 W	14 W	34 lm/W	7033-0-3-803-XX	-
	4000 K	1200 lm	480 lm	14 W	14 W	34 lm/W	7033-0-3-807-XX	-
	3000 K	1200 lm	480 lm	15 W	15 W	32 lm/W	7033-0-3-804-XX	-
	4000 K	1200 lm	480 lm	15 W	15 W	32 lm/W	7033-0-3-808-XX	-

*for DALI option please consult your sales representative

Light Distribution



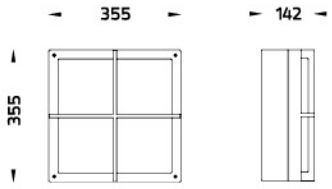
14 W 3000 K



15 W 3000 K

Maxi Cross DRIFT

IP65 IK 09 09

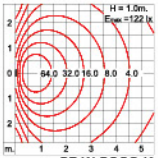


A+

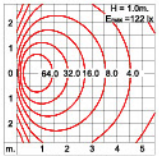
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	2550 lm	1640 lm	27 W	27 W	60 lm/W	7034-0-3-987-XX	-
	4000 K	2550 lm	1640 lm	27 W	27 W	60 lm/W	7034-0-3-988-XX	-
	3000 K	2550 lm	1640 lm	28 W	28 W	58 lm/W	7034-0-3-821-XX	-
	4000 K	2550 lm	1640 lm	28 W	28 W	58 lm/W	7034-0-3-822-XX	-

*for DALI option please consult your sales representative

Light Distribution



27 W 3000 K

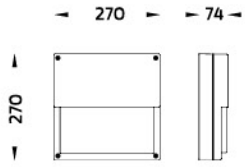


28 W 3000 K

Unilamp

Mini Half DRIFT

IP65 IK 09 09

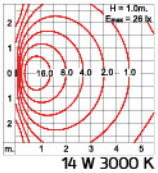


A+

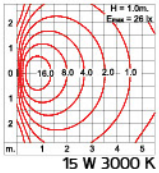
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	1200 lm	270 lm	14 W	14 W	19 lm/W	7035-0-3-803-XX	-
	4000 K	1200 lm	270 lm	14 W	14 W	19 lm/W	7035-0-3-807-XX	-
	3000 K	1200 lm	270 lm	15 W	15 W	18 lm/W	7035-0-3-804-XX	-
	4000 K	1200 lm	270 lm	15 W	15 W	18 lm/W	7035-0-3-808-XX	-

*for DALI option please consult your sales representative

Light Distribution



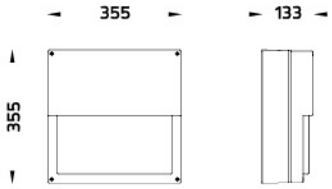
14 W 3000 K



15 W 3000 K

Maxi Half DRIFT

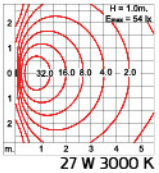
IP65 IK 09/09



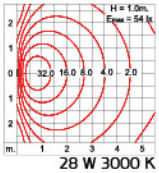
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	2550 lm	960 lm	27 W	27 W	35 lm/W	7036-0-3-987-XX	-
	4000 K	2550 lm	960 lm	27 W	27 W	35 lm/W	7036-0-3-988-XX	-
	3000 K	2550 lm	960 lm	28 W	28 W	34 lm/W	7036-0-3-821-XX	-
	4000 K	2550 lm	960 lm	28 W	28 W	34 lm/W	7036-0-3-822-XX	-

*for DALI option please consult your sales representative

Light Distribution



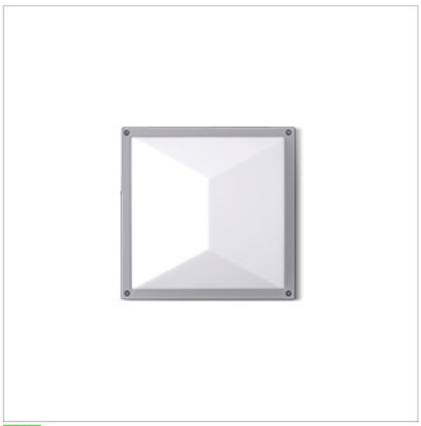
27 W 3000 K

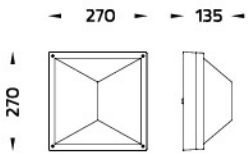


28 W 3000 K

Mini Roof DRIFT

IP65 IK 09 09

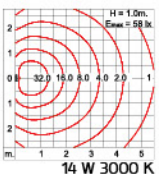




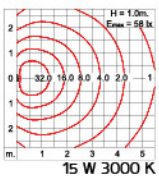
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	1200 lm	560 lm	14 W	14 W	40 lm/W	7039-0-3-803-XX	-
	4000 K	1200 lm	560 lm	14 W	14 W	40 lm/W	7039-0-3-807-XX	-
	3000 K	1200 lm	560 lm	15 W	15 W	37 lm/W	7039-0-3-804-XX	-
	4000 K	1200 lm	560 lm	15 W	15 W	37 lm/W	7039-0-3-808-XX	-

*for DALI option please consult your sales representative

Light Distribution



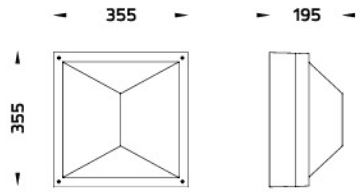
14 W 3000 K



15 W 3000 K

Maxi Roof DRIFT

IP65 IK 09/09

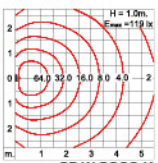


A+

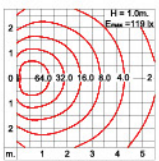
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	2550 lm	1730 lm	27 W	27 W	64 lm/W	7040-0-3-987-XX	-
	4000 K	2550 lm	1730 lm	27 W	27 W	64 lm/W	7040-0-3-988-XX	-
	3000 K	2550 lm	1730 lm	28 W	28 W	61 lm/W	7040-0-3-821-XX	-
	4000 K	2550 lm	1730 lm	28 W	28 W	61 lm/W	7040-0-3-822-XX	-

*for DALI option please consult your sales representative

Light Distribution



27 W 3000 K



28 W 3000 K

Unilamp

XEON

XEON

XEON is a rectangular shape wall or ceiling fixture. This luminaire family is made of corrosion resistant LM6 aluminium housing and vandal resistant polycarbonate diffuser. **XEON** LED utilizes high quality chips with built-in microwave motion sensor and hi-low light function.
The diffused light distribution provides general lighting for both private and public areas. **XEON** is available in three different front cover styles with a choice of five colors. The high protection rating of IP65 and IK09 allows **XEON** to be installed in the challenging outdoor environments.

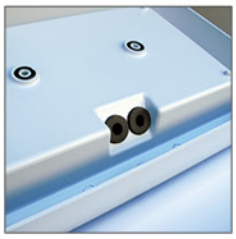
Specification

- Designed, Manufactured and tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- PolyCarbonate diffuser.
- Post-cured silicone gasket.
- High quality LED module and driver. Replaceable for future upgrade.
- Optional with motion detector (Microwave Sensor).
- Quick connector for easy installation.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

High impact resistant body and cover.



Double cable entry for through wiring.

Armor shield coating.

Build-in microwave sensor.

Hi-low light function.

Changable LED unit.

Basic concept with common LED module

All LED luminaires within the XEON series has all the same unique advantages that gives maximum comfort and energy-savings.

Features:

- Hinged re-changeable LED module
- Push-wire terminals
- Master/slave solution
- Step dim (50/25%)

XEON has all the great features you would expect in a modern luminaire. First and foremost, these are durable and flexible "energy saving fixtures". The LED module is rated energy class A+ and is extremely energy efficient. These luminaires are suitable both for common areas where the light is on during all day, and as in the most elegente interiors. XEON is delivered in IP65.

The best-selling range of luminaires

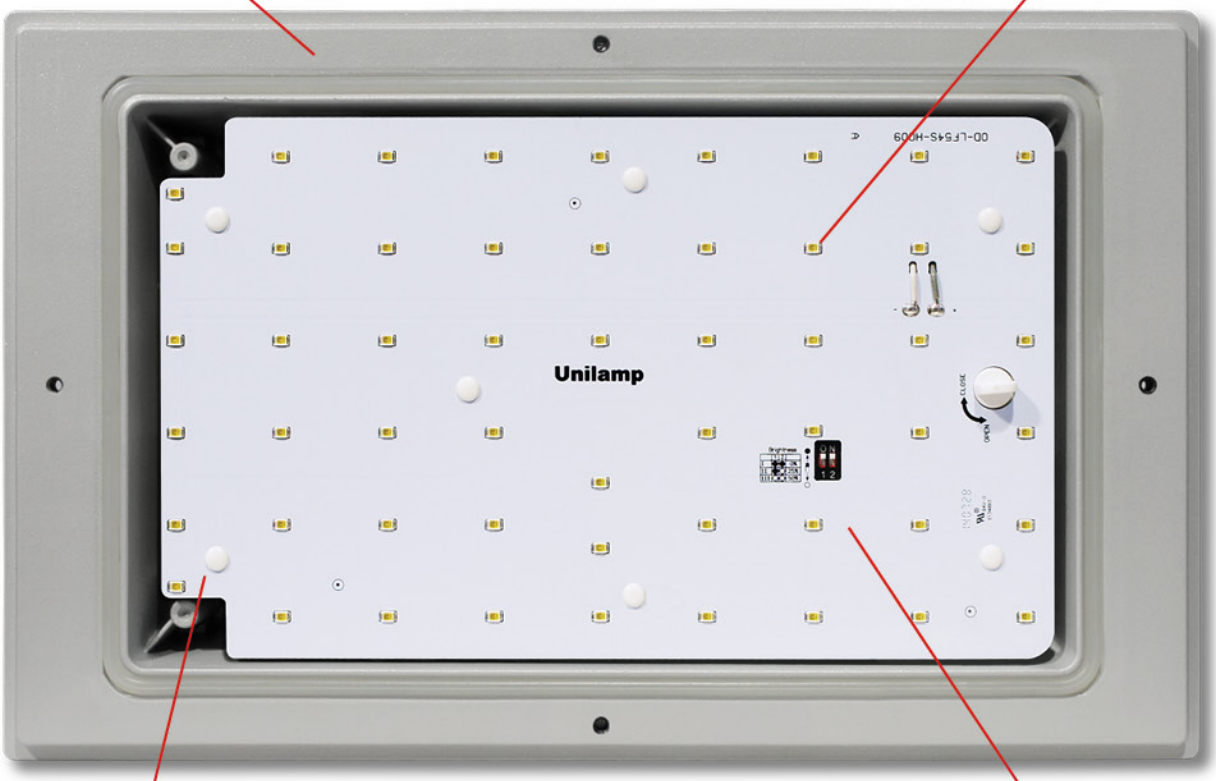
XEON are in the category of "General purpose-, energy saving-Bulk Head luminaires". They are often used to illuminate corridors, storages and garages. Architects use fittings as elegant design elements to create practical and elegant homes. The strong polycarbonate opal diffuser, withstand vandalism at the same time as it discreetly provide light without being dominant.

Choose between unique designs, XEON with open, cross or roof top decorative elements. XEON are made of die-cast aluminum with a special coating which provides maintenance-free surface through decades.

Replaceable LED module for future upgrade.

Slave function is the solution for garages and long corridors. XEON LED models maybe used as slave luminaires without any additional equipment. These are controlled by one or more Sensor luminaires see pages 222 and 223.

A uniform light distribution is secured by more than 50 individual LED elements. This given an elegant impression, a glare-free lighting and are esthetical successful solution.



The hinge illuminated panel, with integrated power supply, may be titled to side and simple assembly or replacement at upgrades or service.

SMD LED illuminated surface completely even light. The LED illuminated panel provides 1200 lumens at 14W total power IP65 Class I. Energy Class A+ ensures great power savings.

1200 lumens: 1200 lumens from the illuminated panel means more than 70% effective light out by the luminaire. No matter the method of measurement, XEON are among the most efficient luminaries in the market.

The basic concept of the Sensor LED module

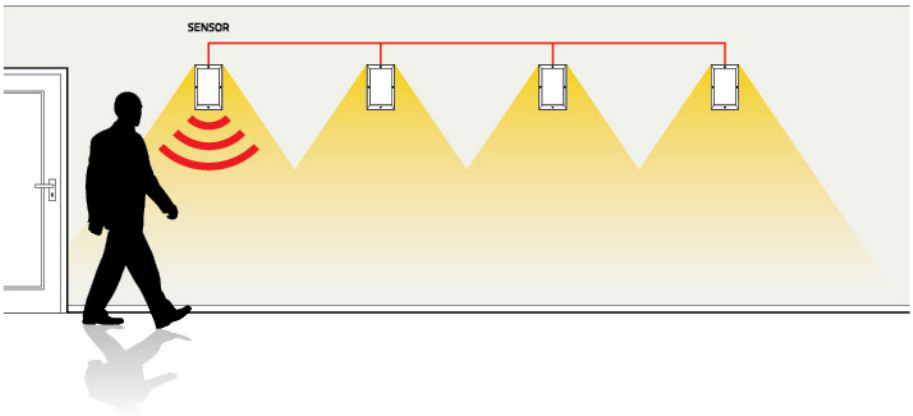
The sensor combines safety and comfort with the best possible energy savings

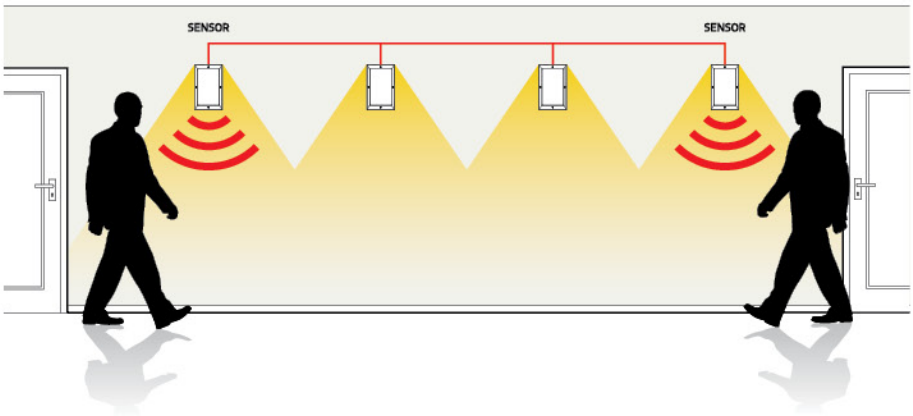
Features:

- Hinged energy-efficient LED module with integrated sensor
- Dynamic light
- Adjustable light level and detection range

Slave: Slave is the solution of garages and long corridors. The standard LED luminaires are controlled by one or more sensor luminaires. Residents are experiencing full safety and comfort while the energy bills are reduced significantly.

The sensor luminaires has al the benefits as the standard fittings. In addition you will get the sensor and the opportunities it brings. It is not just the light is dynamic, which means that the illumination increases from the set basic-level, to full light, when people are detected in the area. The dimmed basic light submits a feeling of security from the luminaire.



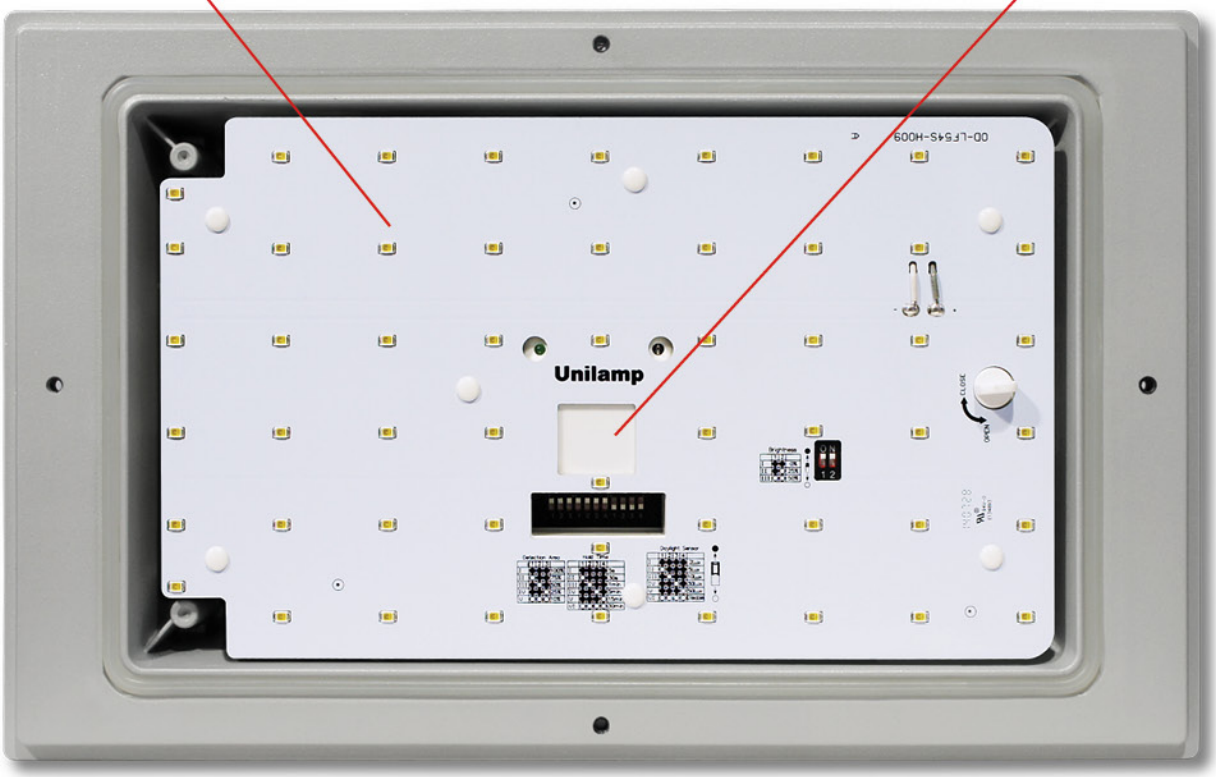


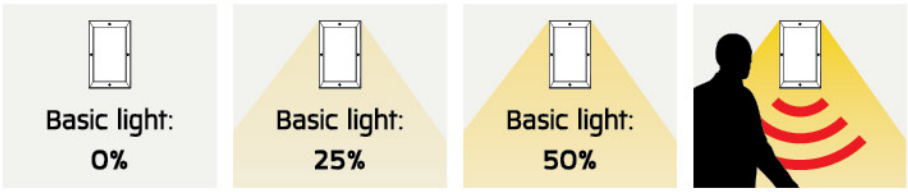
Sensor/slave:
Detects people at a distance which adjustable between 1 and 9 meters. Sensor luminaire can control up to 25 slave luminaires, ie standard fittings, see page 362 and 363.

The light can be controlled from two directions, ie each end of corridor or garage facility. Then sensor fittings are mounted on each end of the row of the luminaires. It is also possible to put a sensor luminaire in the middle of the row of slave luminaires.

SMD LED illuminated surface provides completely even light. The LED illuminated panel provides 1200 lumens at 14W total power. IP65 Class I. Energy Class A+ ensures great power savings.

Sensor with adjustable dynamic light and variable basic light (25% and 50%). Residents experiencing full safety and comfort while reducing the energy bills significantly.





Dynamic light

The luminaire is illuminated with basic light that is 0, 25, or 50% of full light when no one is in range of the sensor. When a person comes within the set range (1 to 9 meters) the light are turned on full light. The basic light is an important safety feature.

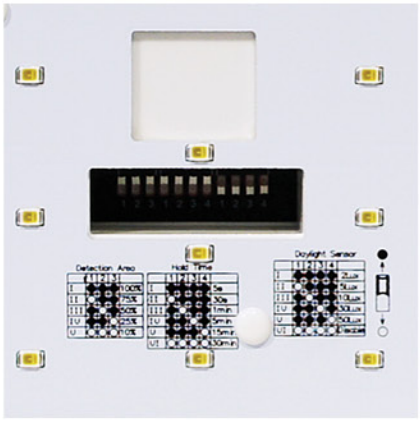
Hold light

The luminaire is illuminated with its full output in an adjustable time after the last detection. The time may be set from 30 seconds to 30 minutes. The time can also be set to 10 seconds for rapid testing during installation.

Daylight sensor

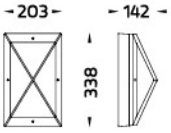
The luminaire programming can be set so it light up at a given exterior brightness. The value is between 5 to 50 lux. This provides a complete automatic operation, and makes it an excellent choice in installations where there is heavy traffic throughout the day.

Sensor: Sensitivity time and brightness setting are made easy with dip-switches. For the simplicity of changing the parameters, the operation codes are printed on the LED module. There is even a test function so you do not have to wait in real time intervals during the setup of the sensor management.



XEON Cross – Wall Light

IP65 IK 09 09

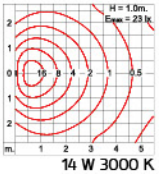


A+

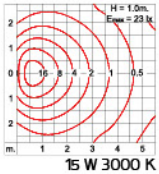
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	3000 K	1200 lm	480 lm	14 W	14 W	34 lm/W	7026-0-3-958-XX	–
	4000 K	1200 lm	480 lm	14 W	14 W	34 lm/W	7026-0-3-959-XX	–
	3000 K	1200 lm	480 lm	15 W	15 W	32 lm/W	7026-0-3-956-XX	–
	4000 K	1200 lm	480 lm	15 W	15 W	32 lm/W	7026-0-3-957-XX	–

*for DALI option please consult your sales representative

Light Distribution



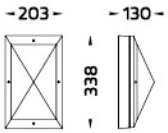
14 W 3000 K



15 W 3000 K

XEON Roof – Wall Light

IP65 IK 09/09

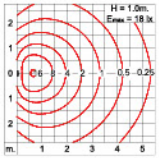


A+

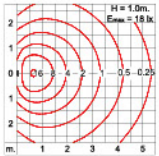
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	3000 K	1200 lm	520 lm	14 W	14 W	37 lm/W	7027-0-3-958-XX	–
	4000 K	1200 lm	520 lm	14 W	14 W	37 lm/W	7027-0-3-959-XX	–
	3000 K	1200 lm	520 lm	15 W	15 W	34 lm/W	7027-0-3-956-XX	–
	4000 K	1200 lm	520 lm	15 W	15 W	34 lm/W	7027-0-3-957-XX	–

*for DALI option please consult your sales representative

Light Distribution



14 W 3000 K

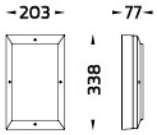


15 W 3000 K

Unilamp

XEON Flat – Wall Light

IP65 IK 09/09

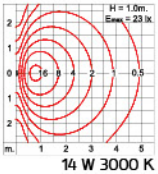


A+

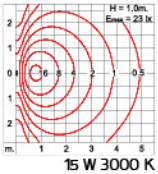
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	3000 K	1200 lm	550 lm	14 W	14 W	39 lm/W	7028-0-3-958-XX	–
	4000 K	1200 lm	550 lm	14 W	14 W	39 lm/W	7028-0-3-959-XX	–
	3000 K	1200 lm	550 lm	15 W	15 W	36 lm/W	7028-0-3-956-XX	–
	4000 K	1200 lm	550 lm	15 W	15 W	36 lm/W	7028-0-3-957-XX	–

*for DALI option please consult your sales representative

Light Distribution



14 W 3000 K



15 W 3000 K

8

AGAR

AGAR

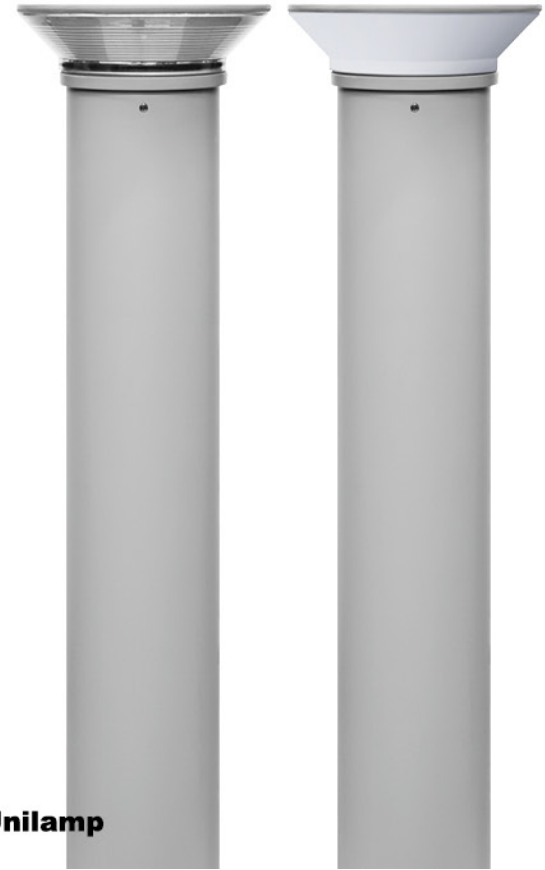
1. **LED Module**
   High Power LED in COB technology.
   3000K and 4000K.
   CRI >80 / 3-Step MacAdam Ellipse.

2. **Diffuser**
   Self-extinguishing PC diffuser.
   Protect against mechanical impact.
   UV stabilized.

3. **Heat Sink**
   Integrated CFC-AL® heat sink.
   Designed and tested under ambient thermal condition Ta 40°C.

4. **Control Gear**
   High quality Constant Current driver.
   Conforms to safety and EMC regulation.

5. **Body Housing**
   Enhanced LM6 die-cast aluminium body.
   Low copper content (<0.1%)
   Uitilize 16 stages pre-treatment and coating process.

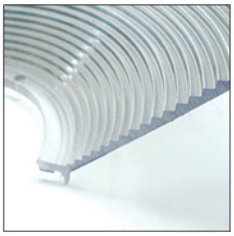


AGAR a range of wall light and bollard with COB LED which are generally installed in the walk ways, parks and open spaces. The vandal resistant polycarbonate diffuser is available in prismatic or opal option. It spreads the light evenly on walls and surfaces. **AGAR** provides glare free lighting for the architectural environment as well as being an eye-catching object. Three color temperatures with a high CRI makes **AGAR** suitable for professional lighting application. The bollard height can be customized according to specific requirement. An anchorage unit is available as an accessory.

Unique design.

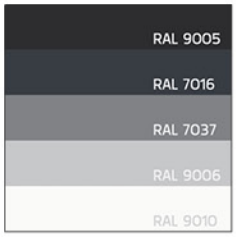
Idea for ambient lighting.

Armor shield coating.



Vandal proof PC lens.

High quality LED module.



Available in 5 colors.

AGAR

Specification

- Designed, Manufactured and tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium and Extruded Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Polycarbonate diffuser.
- Post-cured silicone gasket.
- High quality LED module and driver.
- GFR PA6.6 Terminal block.
- Weather proof TPE grommet.
- Bollard pre-wired with outdoor cable.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

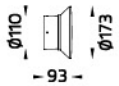
Accessory

Anchor bolt kit for concrete foundation installing.
(for Bollard)
Ordering code: 9-2010-00

Anchor Bolt Kit for Mini AGAR Bollard.
Ordering code:
0269-0-9-000-00

Mini AGAR Prismatic – Wall Light

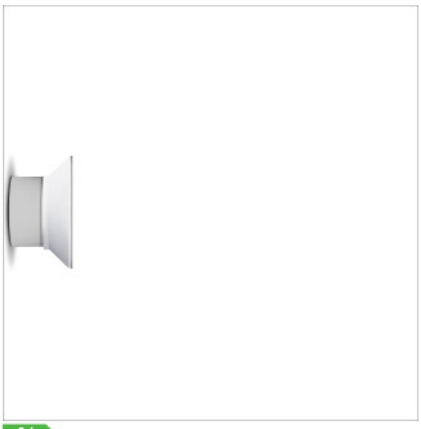
IP65 IK 08/08

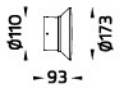


A+

Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On–Off	*1–10V*
3000 K	900 lm	190 lm	10 W	10 W	19 lm/W	7019-0-3-869-XX	–
4000 K	950 lm	210 lm	10 W	10 W	21 lm/W	7019-0-3-870-XX	–

Mini AGAR Opal – Wall Light



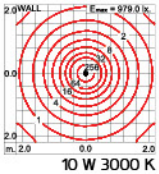


A+

Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On–Off	*1–10V*
3000 K	900 lm	170 lm	10 W	10 W	17 lm/W	7020-0-3-869-XX	–
4000 K	950 lm	180 lm	10 W	10 W	18 lm/W	7020-0-3-870-XX	–

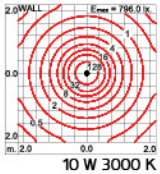
Light Distribution :

Prismatic – Wall Light



10 W 3000 K

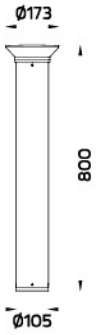
Opal – Wall Light



10 W 3000 K

Mini AGAR Prismatic – Bollard

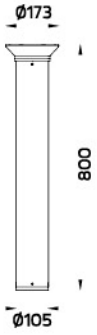
IP65 IK 08/08



A+

Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On–Off	*1–10V*
3000 K	900 lm	190 lm	10 W	10 W	19 lm/W	7154-0-3-869-XX	–
4000 K	950 lm	210 lm	10 W	10 W	21 lm/W	7154-0-3-870-XX	–

Mini AGAR Opal – Bollard

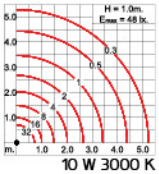


A+

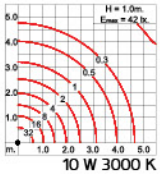
Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On–Off	*1–10V*
3000 K	900 lm	170 lm	10 W	10 W	17 lm/W	7155-0-3-869-XX	–
4000 K	950 lm	180 lm	10 W	10 W	18 lm/W	7155-0-3-870-XX	–

Light Distribution :

Prismatic – Bollard



Opal – Bollard



AGAR Prismatic – Wall Light

IP65 IK 08/08

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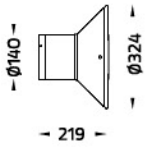
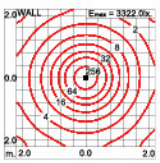


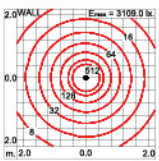
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	2700 K	2300 lm	1250	16 W	18 W	69 lm/W	7029-0-3-505-XX	–
	3000 K	2410 lm	1320	16 W	18 W	73 lm/W	7029-0-3-902-XX	–
	4000 K	2470 lm	1350	16 W	18 W	75 lm/W	7029-0-3-905-XX	–
	3000 K	1800 lm	830	20 W	20 W	41 lm/W	7029-0-3-873-XX	–
	4000 K	1900 lm	840	20 W	20 W	42 lm/W	7029-0-3-874-XX	–
	2700 K	3160 lm	1580	23 W	26 W	60 lm/W	7029-0-3-506-XX	7029-0-4-506-XX
	3000 K	3300 lm	1,650	23 W	26 W	63 lm/W	7029-0-3-887-XX	7029-0-4-887-XX
	4000 K	3390 lm	1,690	23 W	26 W	65 lm/W	7029-0-3-891-XX	7029-0-4-891-XX

*for DALI option please consult your sales representative

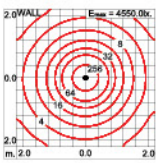
Light Distribution



16 W 3000 K



20 W 3000 K



23 W 3000 K

AGAR Opal – Wall Light

IP65 IK 08/08

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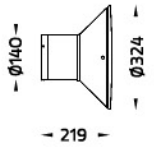
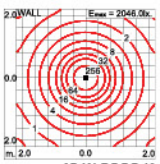


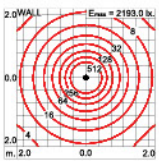
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	2700 K	2300 lm	990	16 W	18 W	55 lm/W	7030-0-3-505-XX	–
	3000 K	2410 lm	1040	16 W	18 W	57 lm/W	7030-0-3-902-XX	–
	4000 K	2470 lm	1060	16 W	18 W	58 lm/W	7030-0-3-905-XX	–
	3000 K	1800 lm	650	20 W	20 W	32 lm/W	7030-0-3-873-XX	–
	4000 K	1900 lm	690	20 W	20 W	34 lm/W	7030-0-3-874-XX	–
	2700 K	3160 lm	1330	23 W	26 W	51 lm/W	7030-0-3-506-XX	7030-0-4-506-XX
	3000 K	3300 lm	1390	23 W	26 W	53 lm/W	7030-0-3-887-XX	7030-0-4-887-XX
	4000 K	3390 lm	1420	23 W	26 W	54 lm/W	7030-0-3-891-XX	7030-0-4-891-XX

*for DALI option please consult your sales representative

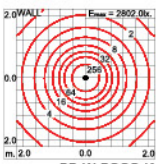
Light Distribution



16 W 3000 K



20 W 3000 K



23 W 3000 K

Unilamp

AGAR Prismatic – Bollard

IP65 IK 08/08 OR

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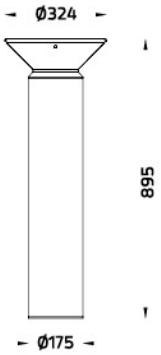
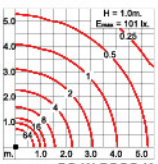


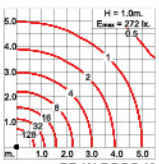
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	3000 K	1800 lm	830 lm	20 W	20 W	41 lm/W	7123–0–3–873–XX	–
	4000 K	1900 lm	840 lm	20 W	20 W	42 lm/W	7123–0–3–874–XX	–
	2700 K	3160 lm	1580 lm	23 W	26 W	60 lm/W	7123–0–3–506–XX	7123–0–4–506–XX
	3000 K	3300 lm	1650 lm	23 W	26 W	63 lm/W	7123–0–3–887–XX	7123–0–4–887–XX
	4000 K	3390 lm	1690 lm	23 W	26 W	65 lm/W	7123–0–3–891–XX	7123–0–4–891–XX
	2700 K	4590 lm	2060 lm	36 W	40 W	51 lm/W	7123–0–3–505–XX	–
	3000 K	4790 lm	2150 lm	36 W	40 W	53 lm/W	7123–0–3–902–XX	–
	4000 K	4920 lm	2200 lm	36 W	40 W	55 lm/W	7123–0–3–905–XX	–

*for DALI option please consult your sales representative

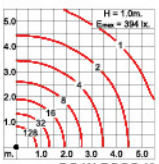
Light Distribution



20 W 3000 K



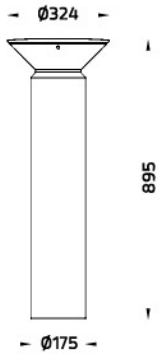
23 W 3000 K



36 W 3000 K

AGAR Opal – Bollard

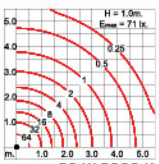
IP65 IK 08/08 OR



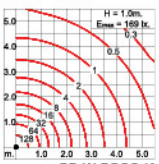
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	3000 K	1800 lm	650 lm	20 W	20 W	32 lm/W	7124-0-3-873-XX	–
	4000 K	1900 lm	690 lm	20 W	20 W	34 lm/W	7124-0-3-874-XX	–
	2700 K	3160 lm	1330 lm	23 W	26 W	51 lm/W	7124-0-3-506-XX	7124-0-4-506-XX
	3000 K	3300 lm	1390 lm	23 W	26 W	53 lm/W	7124-0-3-887-XX	7124-0-4-887-XX
	4000 K	3390 lm	1420 lm	23 W	26 W	54 lm/W	7124-0-3-891-XX	7124-0-4-891-XX
	2700 K	4590 lm	1820 lm	36 W	40 W	45 lm/W	7124-0-3-505-XX	–
	3000 K	4790 lm	1900 lm	36 W	40 W	47 lm/W	7124-0-3-902-XX	–
	4000 K	4920 lm	1950 lm	36 W	40 W	48 lm/W	7124-0-3-905-XX	–

*for DALI option please consult your sales representative

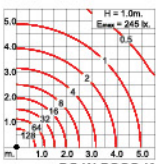
Light Distribution



20 W 3000 K



23 W 3000 K



36 W 3000 K

Unilamp

CYCLOPS

CYCLOPS

CYCLOPS family is an innovative walkway lighting solution with shielded light sources. Delivering light exactly where it is needed without disruptive glare. Operated with multiple LED with built in heat sink. The light is precisely controlled by carefully designed lenses and is directed onto the illuminated surface. The vandal resistant clear polycarbonate cover protects the bollard from harmful dust and water. CYCLOPS is available in two sizes and two heights with 180° and 360° light distribution. CYCLOPS can be installed in residential areas, walkways, parks, commercial areas and open spaces. It provides illumination for any architectural surrounding as well as being an eye-catching object. Pre-wired cables and a twist-locking mechanism ensure an easy installation. CYCLOPS can be customized to required heights and an anchorage unit for concrete foundation is available as an accessory.

Easy to install.

Robust PC cover.

High efficiency optical lens.

Supplied with anti-humidity kit.

CYCLOPS

Specification

- Designed, Manufactured and tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium and Extruded Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Polycarbonate diffuser.
- Post-cured silicone gasket.
- High quality LED module and driver.
- Molded lens from renowned manufacturer.
- GFR PA6.6 Terminal block.
- Weather proof TPE grommet.
- Pre-wired with outdoor cable.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Accessories

Anchor Bolt Kit for CYCLOPS
Ordering code: 9-2010-00

Anchor Bolt Kit for Mini CYCLOPS
Ordering code:
0269-0-9-000-00

Mini CYCLOPS – Single Sided

IP65 IK 07/07

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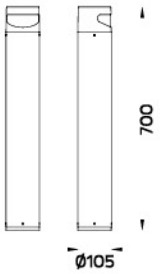
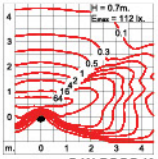


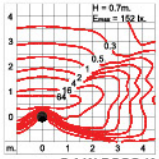
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	3000 K	720 lm	290 lm	5.6 W	7.5 W	38 lm/W	7175-0-3-546-XX	-
	4000 K	780 lm	310 lm	5.6 W	7.5 W	42 lm/W	7175-0-3-547-XX	-
	3000 K	980 lm	390 lm	8.1 W	10 W	39 lm/W	7175-0-3-544-XX	-
	4000 K	1060 lm	420 lm	8.1 W	10 W	42 lm/W	7175-0-3-545-XX	-

*for DALI option please consult your sales representative

Light Distribution



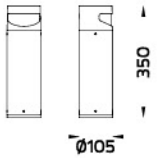
5.6 W 3000 K



8.1 W 3000 K

Mini CYCLOPS – Short Single Sided

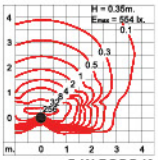
IP65 IK 07/07



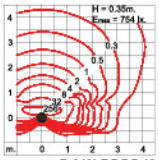
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	3000 K	720 lm	420 lm	5.6 W	7.5 W	56 lm/W	7176-0-3-546-XX	–
	4000 K	780 lm	450 lm	5.6 W	7.5 W	60 lm/W	7176-0-3-547-XX	–
	3000 K	980 lm	570 lm	8.1 W	10 W	57 lm/W	7176-0-3-544-XX	–
	4000 K	1060 lm	610 lm	8.1 W	10 W	61 lm/W	7176-0-3-545-XX	–

*for DALI option please consult your sales representative

Light Distribution



5.6 W 3000 K



8.1 W 3000 K

Unilamp

CYCLOPS – Single Sided

IP65 IK 08/10

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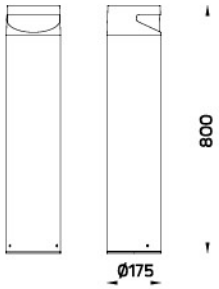
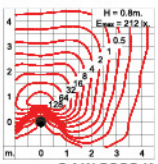


Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On–Off	*1–10V*
2700 K	960 lm	480 lm	8.1 W	11 W	43 lm/W	7171–0–3–523–XX	–
3000 K	960 lm	480 lm	8.1 W	11 W	43 lm/W	7171–0–3–897–XX	–
4000 K	1030 lm	510 lm	8.1 W	11 W	46 lm/W	7171–0–3–898–XX	–

*for DALI option please consult your sales representative

Light Distribution

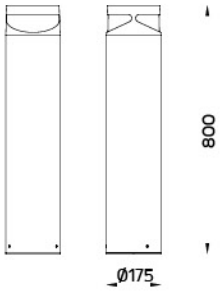


8.1 W 3000 K

CYCLOPS – Double Sided

IP65 IK 08/10

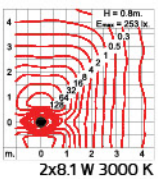
A++



Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On–Off	*1–10V*
2700 K	2x960 lm	940 lm	2x8.1 W	19 W	49 lm/W	7172-0-3-523-XX	-
3000 K	2x960 lm	940 lm	2x8.1 W	19 W	49 lm/W	7172-0-3-897-XX	-
4000 K	2x1030 lm	1010 lm	2x8.1 W	19 W	53 lm/W	7172-0-3-898-XX	-

*for DALI option please consult your sales representative

Light Distribution



2x8.1 W 3000 K

Unilamp

CYCLOPS – Short Single Sided

IP65 IK 08/10

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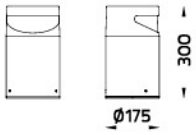
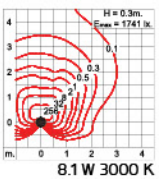


Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On–Off	*1–10V*
2700 K	960 lm	630 lm	8.1 W	11 W	57 lm/W	7173-0-3-523-XX	-
3000 K	960 lm	630 lm	8.1 W	11 W	57 lm/W	7173-0-3-897-XX	-
4000 K	1030 lm	680 lm	8.1 W	11 W	61 lm/W	7173-0-3-898-XX	-

*for DALI option please consult your sales representative

Light Distribution



8.1 W 3000 K

CYCLOPS – Short Double Sided

IP65 IK 08/10

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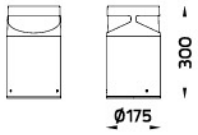
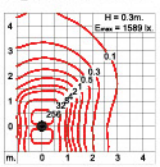


Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On–Off	*1–10V*
2700 K	2x960 lm	1110 lm	2x8.1 W	19 W	58 lm/W	7174-0-3-523-XX	-
3000 K	2x960 lm	1110 lm	2x8.1 W	19 W	58 lm/W	7174-0-3-897-XX	-
4000 K	2x1030 lm	1190 lm	2x8.1 W	19 W	62 lm/W	7174-0-3-898-XX	-

*for DALI option please consult your sales representative

Light Distribution



2x8.1 W 3000 K

Unilamp

POM

POM

POM is a family of unshielded bollard and wall light with symmetrical diffused light distribution. High power COB LED is installed inside this luminaire. It is available in three color temperature 2700K, 3000K or 4000K. The impact resistant PC lens cover is available in prismatic and opal, both producing a uniform wide beam light distribution. **POM** is generally installed in the walk ways, parks, gardens, commercial areas and open spaces where general lighting is needed. The bollard height can be customized according to specific requirement. An anchorage unit is available as an accessory.

Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium and Extruded Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Polycarbonate diffuser.
- Post-cured silicone gasket.
- High quality LED module and driver.
- GFR PA6.6 Terminal block.
- Weather proof TPE grommet.
- Bollard pre-wired with outdoor cable.
- Installation work has to be carried on according to the enclosed product manual.

Accessories

Anchor Bolt Kit
Ordering code: 9-2010-00

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

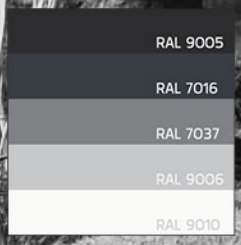
Uniform light distribution.

Impact resistant PC cover.

Coated with Nano ceramic film.

High quality LED.

Armor shield coating.



Available in 5 colors.

POM Opal – Wall Light

IP65 IK 10/10

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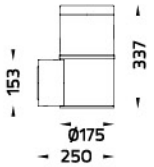
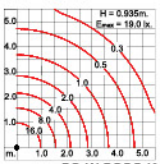


	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	3000 K	1800 lm	710 lm	20 W	20 W	35 lm/W	7550-0-3-873-XX	–
	4000 K	1900 lm	750 lm	20 W	20 W	37 lm/W	7550-0-3-874-XX	–

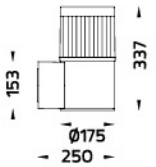
Light Distribution



20 W 3000 K

POM Prismatic – Wall Light

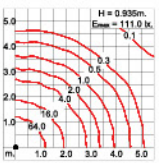
IP65 IK 10/10



A+

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	3000 K	1800 lm	920 lm	20 W	20 W	46 lm/W	7551-0-3-873-XX	–
	4000 K	1900 lm	970 lm	20 W	20 W	48 lm/W	7551-0-3-874-XX	–

Light Distribution

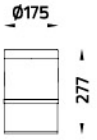


20 W 3000 K

Unilamp

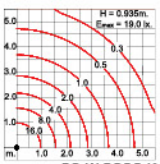
POM Opal – Pillar Top Light

IP65 IK 10/10



	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	3000 K	1800 lm	710 lm	20 W	20 W	35 lm/W	5507-0-3-873-XX	–
	4000 K	1900 lm	750 lm	20 W	20 W	37 lm/W	5507-0-3-874-XX	–

Light Distribution



20 W 3000 K

POM Prismatic – Pillar Top Light

IP65 IK 10/10

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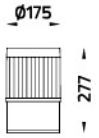
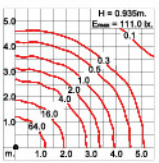


	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	3000 K	1800 lm	920 lm	20 W	20 W	46 lm/W	5508–0–3–873–XX	–
	4000 K	1900 lm	970 lm	20 W	20 W	48 lm/W	5508–0–3–874–XX	–

Light Distribution



20 W 3000 K

Unilamp

POM Opal – Bollard

IP65 IK10 OR

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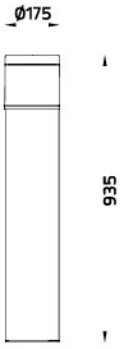
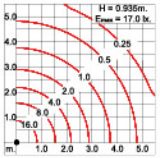


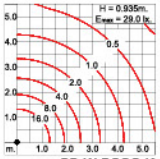
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	3000 K	1800 lm	710 lm	20 W	20 W	35 lm/W	7150-0-3-873-XX	–
	4000 K	1900 lm	750 lm	20 W	20 W	37 lm/W	7150-0-3-874-XX	–
	2700 K	3160 lm	1410 lm	23 W	26 W	54 lm/W	7150-0-3-506-XX	7150-0-4-506-XX
	3000 K	3300 lm	1480 lm	23 W	26 W	56 lm/W	7150-0-3-887-XX	7150-0-4-887-XX
	4000 K	3390 lm	1510 lm	23 W	26 W	58 lm/W	7150-0-3-891-XX	7150-0-4-891-XX
	2700 K	4590 lm	1940 lm	36 W	41 W	47 lm/W	7150-0-3-505-XX	–
	3000 K	4790 lm	2030 lm	36 W	41 W	49 lm/W	7150-0-3-902-XX	–
	4000 K	4920 lm	2080 lm	36 W	41 W	50 lm/W	7150-0-3-905-XX	–

*for DALI option please consult your sales representative

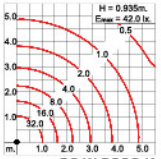
Light Distribution



20 W 3000 K



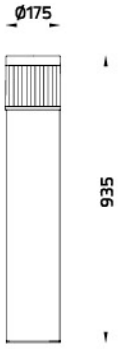
23 W 3000 K



36 W 3000 K

POM Prismatic – Bollard

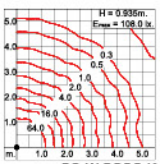
IP65 IK10 OR



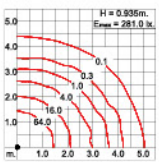
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	3000 K	1800 lm	920 lm	20 W	20 W	46 lm/W	7151-0-3-873-XX	–
	4000 K	1900 lm	970 lm	20 W	20 W	48 lm/W	7151-0-3-874-XX	–
	2700 K	3160 lm	1980 lm	23 W	26 W	76 lm/W	7151-0-3-506-XX	7151-0-4-506-XX
	3000 K	3300 lm	2070 lm	23 W	26 W	79 lm/W	7151-0-3-887-XX	7151-0-4-887-XX
	4000 K	3390 lm	2120 lm	23 W	26 W	81 lm/W	7151-0-3-891-XX	7151-0-4-891-XX
	2700 K	4590 lm	2670 lm	36 W	41 W	65 lm/W	7151-0-3-505-XX	–
	3000 K	4790 lm	2790 lm	36 W	41 W	68 lm/W	7151-0-3-902-XX	–
	4000 K	4920 lm	2860 lm	36 W	41 W	69 lm/W	7151-0-3-905-XX	–

*for DALI option please consult your sales representative

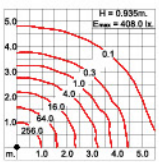
Light Distribution



20 W 3000 K



23 W 3000 K



36 W 3000 K

Unilamp

FUJI

FUJI

FUJI is a family of shielded bollard with symmetrical light distribution. **FUJI** is fitted with the latest generation of COB LED with good color consistency. It is generally installed in walkways, parks, commercial areas and open spaces. It provides general lighting for the residential areas where light pollution has to be controlled. The bollard height can be customized according to specific requirement. An anchorage unit is available as an accessory.

Specification

- Designed, Manufactured and tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium and Extruded Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Polycarbonate diffuser.
- Post-cured silicone gasket.
- High quality LED module and driver.
- Anodized aluminium reflector.
- GFR PA6.6 Terminal block.
- Weather proof TPE grommet.
- Pre-wired with outdoor cable.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Accessories

Anchor Bolt Kit
Ordering code: 9-2010-00

Comfortable light emission.

Impact resistant aluminium body.

Coated with nano ceramic film.

High quality LED.

Armor shield coating.

Designed and tested under ambient thermal condition Ta 40°C

FUJI Flat – Bollard

IP65 IK10/10

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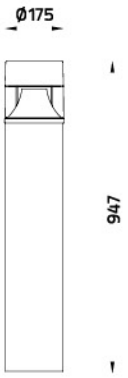
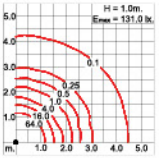


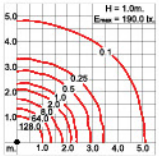
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	2700 K	3160 lm	660 lm	23 W	25 W	26 lm/W	7112-0-3-506-XX	7112-0-4-506-XX
	3000 K	3300 lm	690 lm	23 W	25 W	27 lm/W	7112-0-3-887-XX	7112-0-4-887-XX
	4000 K	3390 lm	710 lm	23 W	25 W	28 lm/W	7112-0-3-891-XX	7112-0-4-891-XX
	2700 K	4590 lm	820 lm	36 W	39 W	21 lm/W	7112-0-3-505-XX	–
	3000 K	4790 lm	860 lm	36 W	39 W	22 lm/W	7112-0-3-902-XX	–
	4000 K	4920 lm	880 lm	36 W	39 W	22 lm/W	7112-0-3-905-XX	–

*for DALI option please consult your sales representative

Light Distribution



23 W 3000 K



36 W 3000 K

FUJI Round – Bollard

IP65 IK10 CE LED

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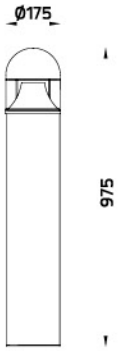
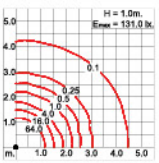


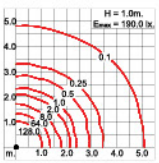
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	2700 K	3160 lm	630 lm	23 W	25 W	25 lm/W	7111-0-3-506-XX	7111-0-4-506-XX
	3000 K	3300 lm	660 lm	23 W	25 W	26 lm/W	7111-0-3-887-XX	7111-0-4-887-XX
	4000 K	3390 lm	670 lm	23 W	25 W	26 lm/W	7111-0-3-891-XX	7111-0-4-891-XX
	2700 K	4590 lm	730 lm	36 W	39 W	18 lm/W	7111-0-3-505-XX	–
	3000 K	4790 lm	760 lm	36 W	39 W	19 lm/W	7111-0-3-902-XX	–
	4000 K	4920 lm	780 lm	36 W	39 W	20 lm/W	7111-0-3-905-XX	–

*for DALI option please consult your sales representative

Light Distribution



23 W 3000 K

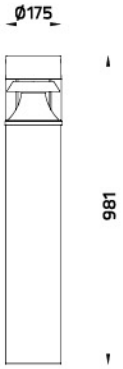


36 W 3000 K

Double FUJI Flat – Bollard

IP65 IK10/10

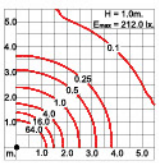
A++



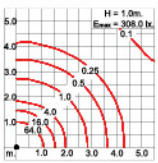
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	2700 K	3160 lm	790 lm	23 W	25 W	31 lm/W	7119-0-3-506-XX	7119-0-4-506-XX
	3000 K	3300 lm	820 lm	23 W	25 W	32 lm/W	7119-0-3-887-XX	7119-0-4-887-XX
	4000 K	3390 lm	840 lm	23 W	25 W	33 lm/W	7119-0-3-891-XX	7119-0-4-891-XX
	2700 K	4590 lm	1000 lm	36 W	39 W	25 lm/W	7119-0-3-505-XX	-
	3000 K	4790 lm	1050 lm	36 W	39 W	26 lm/W	7119-0-3-902-XX	-
	4000 K	4920 lm	1080 lm	36 W	39 W	27 lm/W	7119-0-3-905-XX	-

*for DALI option please consult your sales representative

Light Distribution



23 W 3000 K

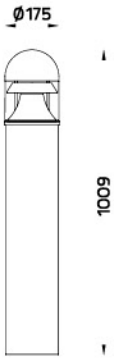


36 W 3000 K

Double FUJI Round – Bollard

IP65 IK10/10

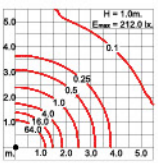
A++



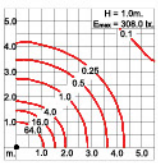
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	2700 K	3160 lm	790 lm	23 W	25 W	31 lm/W	7120-0-3-506-XX	7120-0-4-506-XX
	3000 K	3300 lm	820 lm	23 W	25 W	32 lm/W	7120-0-3-887-XX	7120-0-4-887-XX
	4000 K	3390 lm	840 lm	23 W	25 W	33 lm/W	7120-0-3-891-XX	7120-0-4-891-XX
	2700 K	4590 lm	990 lm	36 W	39 W	25 lm/W	7120-0-3-505-XX	–
	3000 K	4790 lm	1020 lm	36 W	39 W	26 lm/W	7120-0-3-902-XX	–
	4000 K	4920 lm	1050 lm	36 W	39 W	26 lm/W	7120-0-3-905-XX	–

*for DALI option please consult your sales representative

Light Distribution



23 W 3000 K



36 W 3000 K

Unilamp

MACRON

MACRON

MACRON is a family of shielded bollard with symmetrical light distribution. It is equipped with the latest generation of COB LED with good color consistency. The clear polycarbonate cover with internal glare suppression louvers improves lighting quality by limiting the upward light emission. It is universally installed in walkways, parks, commercial areas and open spaces. It provides general lighting for the residential areas where light pollution has to be controlled. The bollard height can be customized according to specific requirement. An anchorage unit is available as an accessory.

Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium and Extruded Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Polycarbonate diffuser.
- Post-cured silicone gasket.
- High quality LED module and driver.
- Anodized aluminium louver.
- GFR PA6.6 Terminal block.
- Weather proof TPE grommet.
- Pre-wired with outdoor cable.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Accessories

Anchor Bolt Kit
Ordering code: 9-2010-00

Comfortable light emission.

Double layer coating.

Ta 40°C

Designed and tested under ambient thermal condition Ta 40 °C

High quality LED.

Coated with Nano ceramic layer.

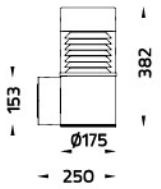
RAL 9005
RAL 7016
RAL 7037
RAL 9006
RAL 9010

Available in 5 colors.

MACRON Flat – Wall Light

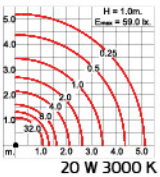
IP65 IK 08/10

A+



	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	3000 K	1800 lm	555 lm	20 W	20 W	27 lm/W	7507-0-3-873-XX	–
	4000 K	1900 lm	584 lm	20 W	20 W	29 lm/W	7507-0-3-874-XX	–

Light Distribution

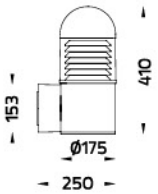


20 W 3000 K

MACRON Round – Wall Light

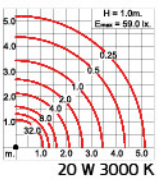
IP65 IK 09/10 CE LED AC COB

A+



	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	3000 K	1800 lm	555 lm	20 W	20 W	27 lm/W	7508-0-3-873-XX	–
	4000 K	1900 lm	584 lm	20 W	20 W	29 lm/W	7508-0-3-874-XX	–

Light Distribution

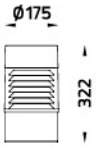


20 W 3000 K

Unilamp

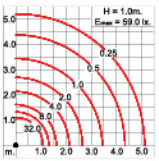
MACRON Flat – Pillar Top Light

IP65 IK 08/10



	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	3000 K	1800 lm	555 lm	20 W	20 W	27 lm/W	5505-0-3-873-XX	–
	4000 K	1900 lm	584 lm	20 W	20 W	29 lm/W	5505-0-3-874-XX	–

Light Distribution



20 W 3000 K

MACRON Round – Pillar Top Light

IP65 IK 09/10

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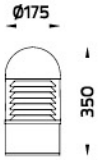
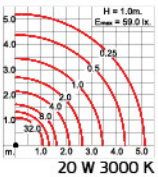


	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	3000 K	1800 lm	555 lm	20 W	20 W	27 lm/W	5506-0-3-873-XX	–
	4000 K	1900 lm	584 lm	20 W	20 W	29 lm/W	5506-0-3-874-XX	–

Light Distribution



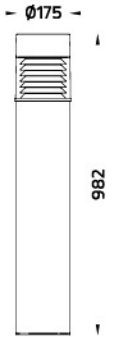
20 W 3000 K

Unilamp

MACRON Flat – Bollard

IP65 IK 08/10 OR CE LED AC COB

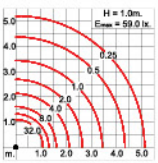
A++ A+



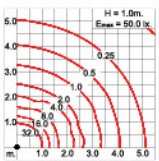
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	3000 K	1800 lm	555 lm	20 W	20 W	27 lm/W	7107–0–3–873–XX	–
	4000 K	1900 lm	584 lm	20 W	20 W	29 lm/W	7107–0–3–874–XX	–
	2700 K	3160 lm	930 lm	23 W	26 W	35 lm/W	7107–0–3–506–XX	7107–0–4–506–XX
	3000 K	3300 lm	980 lm	23 W	26 W	37 lm/W	7107–0–3–887–XX	7107–0–4–887–XX
	4000 K	3390 lm	1000 lm	23 W	26 W	38 lm/W	7107–0–3–891–XX	7107–0–4–891–XX
	2700 K	4590 lm	1250 lm	36 W	40 W	31 lm/W	7107–0–3–505–XX	–
	3000 K	4790 lm	1310 lm	36 W	40 W	32 lm/W	7107–0–3–902–XX	–
	4000 K	4920 lm	1340 lm	36 W	40 W	33 lm/W	7107–0–3–905–XX	–

*for DALI option please consult your sales representative

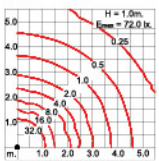
Light Distribution



20 W 3000 K



23 W 3000 K

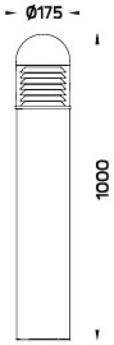


36 W 3000 K

MACRON Round – Bollard

IP65 IK 09/10 OR CE LED AC COB

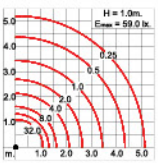
A++ A+



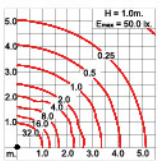
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	3000 K	1800 lm	555 lm	20 W	20 W	27 lm/W	7108-0-3-873-XX	–
	4000 K	1900 lm	584 lm	20 W	20 W	29 lm/W	7108-0-3-874-XX	–
	2700 K	3160 lm	930 lm	23 W	26 W	35 lm/W	7108-0-3-506-XX	7108-0-4-506-XX
	3000 K	3300 lm	980 lm	23 W	26 W	37 lm/W	7108-0-3-887-XX	7108-0-4-887-XX
	4000 K	3390 lm	1000 lm	23 W	26 W	38 lm/W	7108-0-3-891-XX	7108-0-4-891-XX
	2700 K	4590 lm	1250 lm	36 W	40 W	31 lm/W	7108-0-3-505-XX	–
	3000 K	4790 lm	1310 lm	36 W	40 W	32 lm/W	7108-0-3-902-XX	–
	4000 K	4920 lm	1340 lm	36 W	40 W	33 lm/W	7108-0-3-905-XX	–

*for DALI option please consult your sales representative

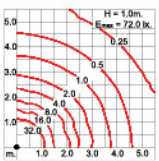
Light Distribution



20 W 3000 K



23 W 3000 K



36 W 3000 K

Unilamp

CHARISMA

CHARISMA

CHARISMA range of compact to mid-size bollard and wall light designed for residential, community and commercial sites. It is pre wired from the factory with double insulated construction therefore safe and simple to install. **CHARISMA** is designed to utilize a high efficient reflector and COB LED and available in three color temperatures from 2700K, 3000K and 4000K. It is supplied with built-in driver in both non-dimmable and dimmable options. The clear polycarbonate cover with internal glare suppression louvers improves lighting quality by limiting the upward light emission. The bollard height can be customized according to specific requirement. An anchorage unit is available as an accessory.

CHARISMA

1. **Reflector**
   High efficiency anodize brightened CAD reflector.

2. **Cover**
   Self-extinguishing PC protective cover. Protect against UV rays and mechanical impact.

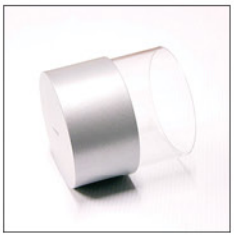
3. **Driver**
   High quality LED constant current driver. Complied with Safety and EMC regulations.

4. **Gear compartment**
   Injected GFR polymer housing. Protect against harmful dust and jet water.

5. **Body Housing**
   Corrosion resistant extruded aluminium housing with Nano Ceramic protection film.

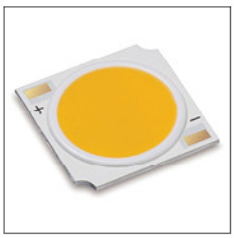
Compact size for home application.

Glare shield aluminium louver.

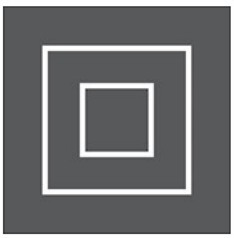


Impact resistant polycarbonate cover.

Armor shield coating.



High quality LED module.



Class 2 protection.

Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium and Extruded Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Polycarbonate diffuser.
- Post-cured silicone gasket.
- High quality LED module and driver.
- Anodized aluminium louver.
- GFR PA6.6 Terminal block.
- Weather proof TPE grommet.
- Bollard pre-wired with outdoor cable.
- Installation work has to be carried on according to the enclosed product manual.

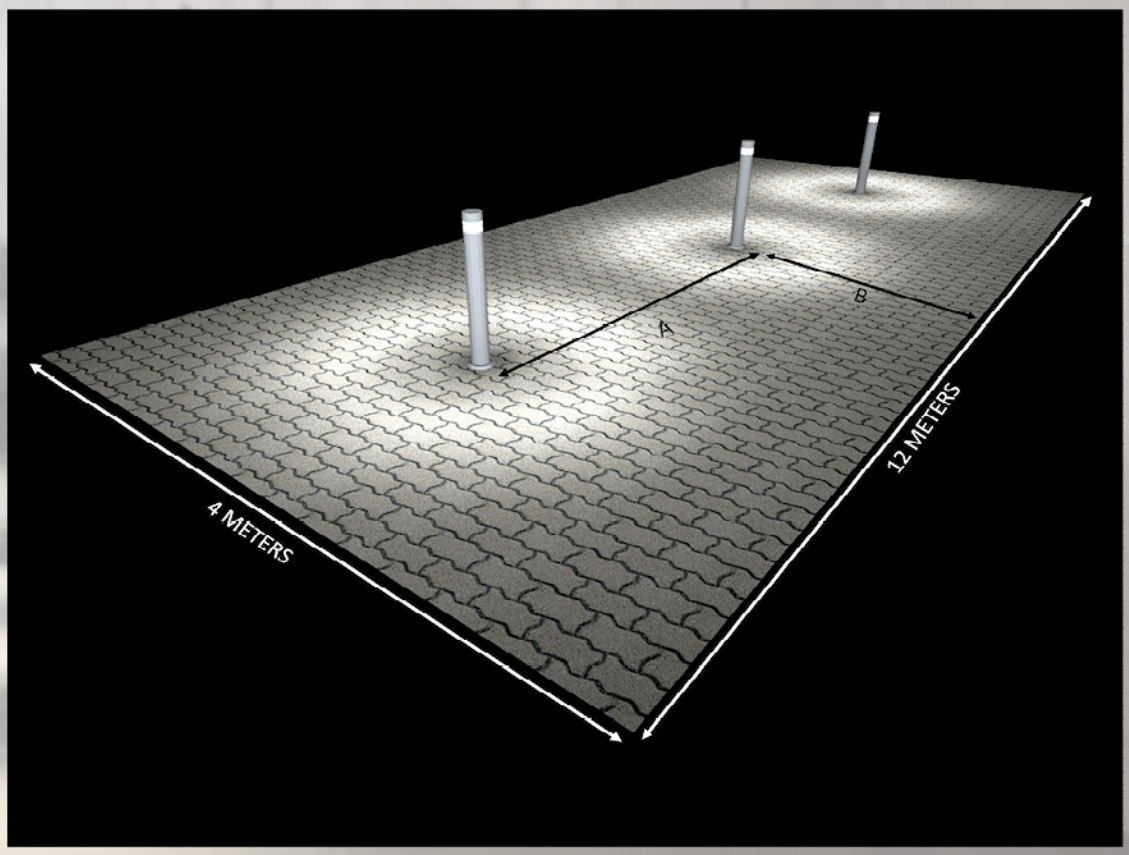
Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

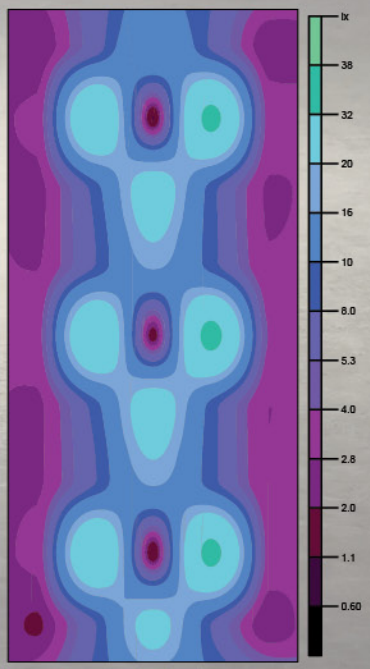
Accessories

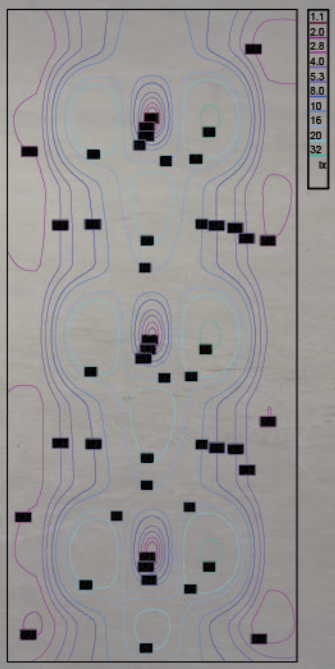
Anchor Bolt Kit for round Bollard.
Ordering code:
0269-0-9-000-00

Anchor Bolt Kit for square Bollard.
Ordering code:
0270-0-9-000-00



PRODUCT NAME	: Mini CHARISMA2 – Round Bollard	DISTANCE A	: 3 METERS.
TYPE	: LED 12W 1620lm 3000K	DISTANCE B	: 2 METERS.
ORDERING CODE	: 7825-0-3-901-XX	MOUNTING HEIGHT	: 0.8 METERS.





Mini CHARISMA1 Round – Bollard

IP65 IK 07/09

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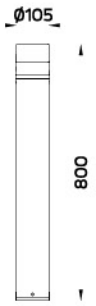
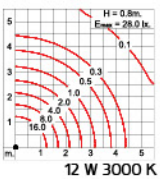


Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On–Off	*1–10V*
2700 K	1550 lm	380 lm	12 W	15 W	25 lm/W	7821-0-3-503-XX	7821-0-4-503-XX
3000 K	1620 lm	400 lm	12 W	15 W	26 lm/W	7821-0-3-901-XX	7821-0-4-901-XX
4000 K	1660 lm	410 lm	12 W	15 W	27 lm/W	7821-0-3-904-XX	7821-0-4-904-XX

*for DALI option please consult your sales representative

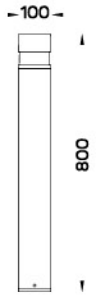
Light Distribution



12 W 3000 K

Mini CHARISMA1 Square – Bollard

IP65 IK 07/09

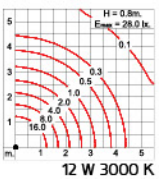


A++

Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On–Off	*1–10V*
2700 K	1550 lm	430 lm	12 W	15 W	28 lm/W	7824-0-3-503-XX	7824-0-4-503-XX
3000 K	1620 lm	450 lm	12 W	15 W	30 lm/W	7824-0-3-901-XX	7824-0-4-901-XX
4000 K	1660 lm	460 lm	12 W	15 W	30 lm/W	7824-0-3-904-XX	7824-0-4-904-XX

*for DALI option please consult your sales representative

Light Distribution

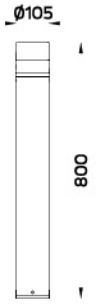


12 W 3000 K

Unilamp

Mini CHARISMA2 Round – Bollard

IP65 IK 07/09

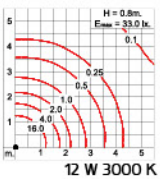


A++

Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On-Off	*1-10V*
2700 K	1550 lm	340 lm	12 W	15 W	22 lm/W	7822-0-3-503-XX	7822-0-4-503-XX
3000 K	1620 lm	360 lm	12 W	15 W	24 lm/W	7822-0-3-901-XX	7822-0-4-901-XX
4000 K	1660 lm	370 lm	12 W	15 W	24 lm/W	7822-0-3-904-XX	7822-0-4-904-XX

*for DALI option please consult your sales representative

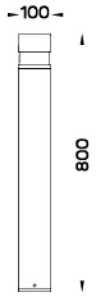
Light Distribution



12 W 3000 K

Mini CHARISMA2 Square – Bollard

IP65 IK 07/09

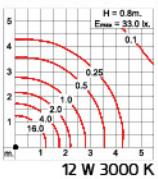


A++

Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On–Off	*1–10V*
2700 K	1550 lm	380 lm	12 W	15 W	25 lm/W	7825-0-3-503-XX	7825-0-4-503-XX
3000 K	1620 lm	400 lm	12 W	15 W	26 lm/W	7825-0-3-901-XX	7825-0-4-901-XX
4000 K	1660 lm	410 lm	12 W	15 W	27 lm/W	7825-0-3-904-XX	7825-0-4-904-XX

*for DALI option please consult your sales representative

Light Distribution

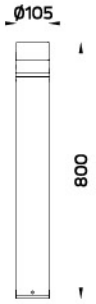


12 W 3000 K

Unilamp

Mini CHARISMA3 Round – Bollard

IP65 IK 07/09

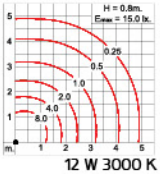


A++

Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On–Off	*1–10V*
2700 K	1550 lm	340 lm	12 W	15 W	22 lm/W	7823-0-3-503-XX	7823-0-4-503-XX
3000 K	1620 lm	360 lm	12 W	15 W	24 lm/W	7823-0-3-901-XX	7823-0-4-901-XX
4000 K	1660 lm	370 lm	12 W	15 W	24 lm/W	7823-0-3-904-XX	7823-0-4-904-XX

*for DALI option please consult your sales representative

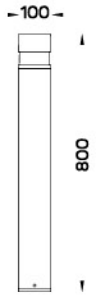
Light Distribution



12 W 3000 K

Mini CHARISMA3 Square – Bollard

IP65 IK 07/09

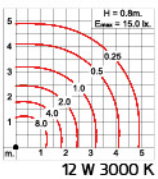


A++

Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On–Off	*1–10V*
2700 K	1550 lm	380 lm	12 W	15 W	25 lm/W	7826-0-3-503-XX	7826-0-4-503-XX
3000 K	1620 lm	400 lm	12 W	15 W	26 lm/W	7826-0-3-901-XX	7826-0-4-901-XX
4000 K	1660 lm	410 lm	12 W	15 W	27 lm/W	7826-0-3-904-XX	7826-0-4-904-XX

*for DALI option please consult your sales representative

Light Distribution

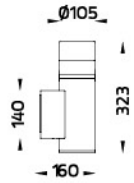


12 W 3000 K

Unilamp

Mini CHARISMA1 Round – Wall Light

IP65 IK 07/09

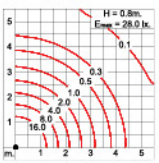


A++

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	2700 K	1550 lm	380 lm	12 W	15 W	25 lm/W	7561-0-3-503-XX	-
	3000 K	1620 lm	400 lm	12 W	15 W	26 lm/W	7561-0-3-901-XX	-
	4000 K	1660 lm	410 lm	12 W	15 W	27 lm/W	7561-0-3-904-XX	-

*for DALI option please consult your sales representative

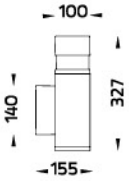
Light Distribution



12 W 3000 K

Mini CHARISMA1 Square – Wall Light

IP65 IK 07/09

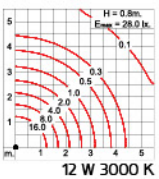


A++

Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On–Off	*1–10V*
2700 K	1550 lm	430 lm	12 W	15 W	28 lm/W	7564-0-3-503-XX	-
3000 K	1620 lm	450 lm	12 W	15 W	30 lm/W	7564-0-3-901-XX	-
4000 K	1660 lm	460 lm	12 W	15 W	30 lm/W	7564-0-3-904-XX	-

*for DALI option please consult your sales representative

Light Distribution

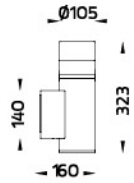


12 W 3000 K

Unilamp

Mini CHARISMA2 Round – Wall Light

IP65 IK 07/09

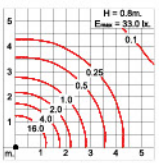


A++

Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On–Off	*1–10V*
2700 K	1550 lm	340 lm	12 W	15 W	22 lm/W	7562-0-3-503-XX	-
3000 K	1620 lm	360 lm	12 W	15 W	24 lm/W	7562-0-3-901-XX	-
4000 K	1660 lm	370 lm	12 W	15 W	24 lm/W	7562-0-3-904-XX	-

*for DALI option please consult your sales representative

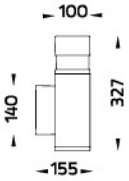
Light Distribution



12 W 3000 K

Mini CHARISMA2 Square – Wall Light

IP65 IK 07/09

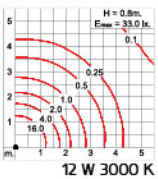


A++

Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On–Off	*1–10V*
2700 K	1550 lm	380 lm	12 W	15 W	25 lm/W	7565-0-3-503-XX	–
3000 K	1620 lm	400 lm	12 W	15 W	26 lm/W	7565-0-3-901-XX	–
4000 K	1660 lm	410 lm	12 W	15 W	27 lm/W	7565-0-3-904-XX	–

*for DALI option please consult your sales representative

Light Distribution

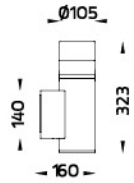


12 W 3000 K

Unilamp

Mini CHARISMA3 Round – Wall Light

IP65 IK 07/09

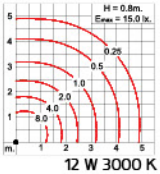


A++

Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On–Off	*1–10V*
2700 K	1550 lm	340 lm	12 W	15 W	22 lm/W	7563-0-3-503-XX	-
3000 K	1620 lm	360 lm	12 W	15 W	24 lm/W	7563-0-3-901-XX	-
4000 K	1660 lm	370 lm	12 W	15 W	24 lm/W	7563-0-3-904-XX	-

*for DALI option please consult your sales representative

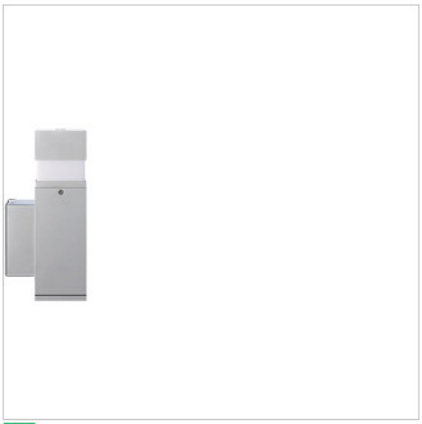
Light Distribution

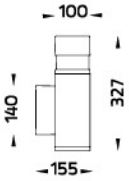


12 W 3000 K

Mini CHARISMA3 Square – Wall Light

IP65 IK 07/09



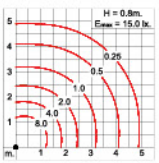


A++

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	2700 K	1550 lm	380 lm	12 W	15 W	25 lm/W	7566-0-3-503-XX	-
	3000 K	1620 lm	400 lm	12 W	15 W	26 lm/W	7566-0-3-901-XX	-
	4000 K	1660 lm	410 lm	12 W	15 W	27 lm/W	7566-0-3-904-XX	-

*for DALI option please consult your sales representative

Light Distribution



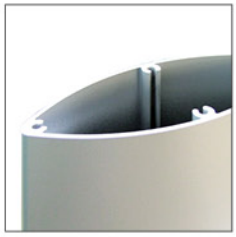
12 W 3000 K

Unilamp

OLIVE

OLIVE

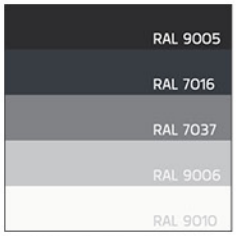
OLIVE is the oval-shaped bollard featuring a prismatic or opal diffusing lens with quality LED from renowned manufacturer. Available in 3000K and 4000K with high CRI with exceptional color consistency. It is suitable for gardens, pathways and residential areas. The aluminium body together with high impact resistant Polycarbonate cover is protecting the luminaires from vandalism and corrosion. The bollard height can be customized according to specific requirement. An anchorage unit is available as an accessory.



Corrosion resistant Aluminium profile.

Vandal proof PC cover.

High quality Led.



Available in 5 colors.

OLIVE

Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium and Extruded Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Polycarbonate diffuser.
- Post-cured silicone gasket.
- High quality LED module and driver.
- GFR PA6.6 Terminal block.
- M20 cable gland.
- Pre-wired with outdoor cable.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

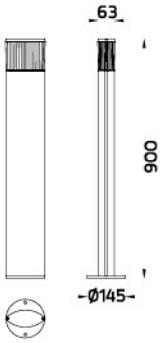
Accessories

Anchor Bolt Kit for Bollard.
Ordering code: 9-2014-00

OLIVE Prismatic

IP65 IK 09/09

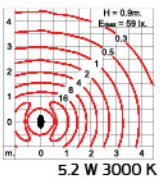
A++



	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	630 lm	540 lm	5.2 W	7.4 W	72 lm/W	7125-0-3-921-XX	-
	4000 K	680 lm	580 lm	5.2 W	7.4 W	78 lm/W	7125-0-3-922-XX	-

*for DALI option please consult your sales representative

Light Distribution

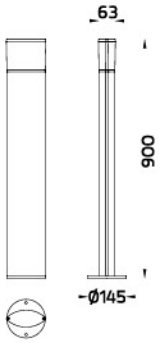


5.2 W 3000 K

OLIVE Opal

IP65 IK 09/09

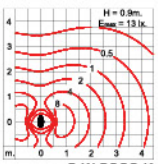
A++



	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	630 lm	330 lm	5.2 W	7.4 W	44 lm/W	7126-0-3-921-XX	-
	4000 K	680 lm	350 lm	5.2 W	7.4 W	47 lm/W	7126-0-3-922-XX	-

*for DALI option please consult your sales representative

Light Distribution



5.2 W 3000 K

Unilamp

TOWER

TOWER

TOWER family is designed with the clean-cut line to provide scenic lighting in modern architectural environment. The Opal diffuser softens the light symmetrically while the clear diffuser with slanted louver limits the glare. The extrusion aluminium body together with high impact resistant Polycarbonate cover protect the luminaire against vandalism and corrosion. High power COB LED is installed inside this luminaire. It is available in three color temperature 2700K, 3000K or 4000K. It is suitable to be installed in gardens, pathways, squares and open spaces. The bollard height can be customized according to specific requirement. An anchorage unit is available as an accessory.

Simple clean-cut.

Impact resistant body and cover.

Ta 40°C

Designed and tested under ambient thermal condition Ta 40 °C

High quality LED.

Coated with Nano ceramic layer.

RAL 9005
RAL 7016
RAL 7037
RAL 9006
RAL 9006
RAL 9010

Available in 5 colors.

TOWER

Specification

- Designed, Manufactured and tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium and Extruded Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Polycarbonate diffuser.
- Post-cured silicone gasket.
- High quality LED module and driver.
- Aluminium louver.
- GFR PA6.6 Terminal block.
- Weather proof TPE grommet.
- Bollard pre-wired with outdoor cable.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

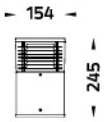
Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Accessories

Anchor Bolt Kit for Bollard.
Ordering code: 9-2013-00

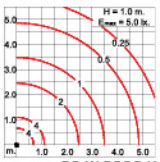
TOWER3 – Pillar Top Light

IP65 IK 09/09



	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	3000 K	1800 lm	370 lm	20 W	20 W	18 lm/W	5513-0-3-873-XX	–
	4000 K	1900 lm	390 lm	20 W	20 W	19 lm/W	5513-0-3-874-XX	–

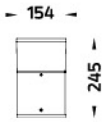
Light Distribution



20 W 3000 K

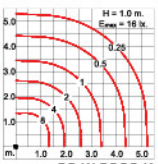
TOWER4 – Pillar Top Light

IP65 IK 09/09



	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	3000 K	1800 lm	620 lm	20 W	20 W	31 lm/W	5514-0-3-873-XX	–
	4000 K	1900 lm	650 lm	20 W	20 W	32 lm/W	5514-0-3-874-XX	–

Light Distribution

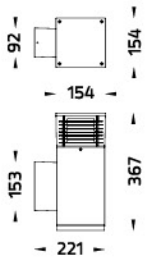


20 W 3000 K

Unilamp

TOWER3 – Wall Light

IP65 IK 09/09 OR

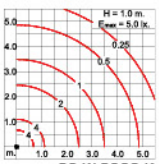


A++ A+

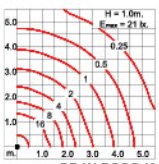
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	3000 K	1800 lm	370 lm	20 W	20 W	18 lm/W	7552-0-3-873-XX	–
	4000 K	1900 lm	390 lm	20 W	20 W	19 lm/W	7552-0-3-874-XX	–
	2700 K	3160 lm	440 lm	23 W	25 W	17 lm/W	7552-0-3-506-XX	–
	3000 K	3300 lm	460 lm	23 W	25 W	18 lm/W	7552-0-3-887-XX	–
	4000 K	3390 lm	470 lm	23 W	25 W	18 lm/W	7552-0-3-891-XX	–
	2700 K	4590 lm	960 lm	36 W	39 W	24 lm/W	7552-0-3-505-XX	–
	3000 K	4790 lm	990 lm	36 W	39 W	25 lm/W	7552-0-3-902-XX	–
	4000 K	4920 lm	1010 lm	36 W	39 W	25 lm/W	7552-0-3-905-XX	–

*for DALI option please consult your sales representative

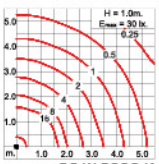
Light Distribution



20 W 3000 K



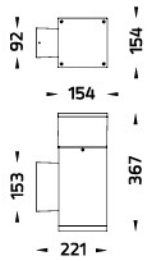
23 W 3000 K



36 W 3000 K

TOWER4 – Wall Light

IP65 IK 09/09 OR

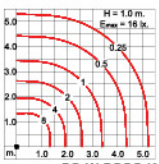


A++ A+

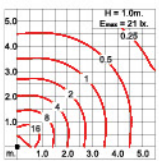
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	3000 K	1800 lm	620 lm	20 W	20 W	31 lm/W	7553-0-3-873-XX	–
	4000 K	1900 lm	650 lm	20 W	20 W	32 lm/W	7553-0-3-874-XX	–
	2700 K	3160 lm	610 lm	23 W	25 W	24 lm/W	7553-0-3-506-XX	–
	3000 K	3300 lm	640 lm	23 W	25 W	25 lm/W	7553-0-3-887-XX	–
	4000 K	3390 lm	650 lm	23 W	25 W	26 lm/W	7553-0-3-891-XX	–
	2700 K	4590 lm	1590 lm	36 W	39 W	40 lm/W	7553-0-3-505-XX	–
	3000 K	4790 lm	1660 lm	36 W	39 W	42 lm/W	7553-0-3-902-XX	–
	4000 K	4920 lm	1700 lm	36 W	39 W	43 lm/W	7553-0-3-905-XX	–

*for DALI option please consult your sales representative

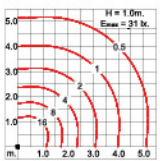
Light Distribution



20 W 3000 K



23 W 3000 K

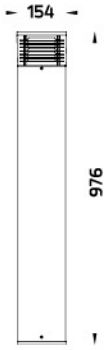


36 W 3000 K

TOWER3 – Bollard

IP65 IK 09/09 OR

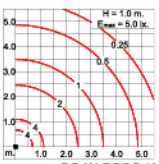
A++ A+



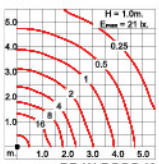
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	3000 K	1800 lm	370 lm	20 W	20 W	18 lm/W	7152-0-3-873-XX	–
	4000 K	1900 lm	390 lm	20 W	20 W	19 lm/W	7152-0-3-874-XX	–
	2700 K	3160 lm	440 lm	23 W	25 W	17 lm/W	7152-0-3-506-XX	7152-0-4-506-XX
	3000 K	3300 lm	460 lm	23 W	25 W	18 lm/W	7152-0-3-887-XX	7152-0-4-887-XX
	4000 K	3390 lm	470 lm	23 W	25 W	18 lm/W	7152-0-3-891-XX	7152-0-4-891-XX
	2700 K	4590 lm	960 lm	36 W	39 W	24 lm/W	7152-0-3-505-XX	–
	3000 K	4790 lm	990 lm	36 W	39 W	25 lm/W	7152-0-3-902-XX	–
	4000 K	4920 lm	1010 lm	36 W	39 W	25 lm/W	7152-0-3-905-XX	–

*for DALI option please consult your sales representative

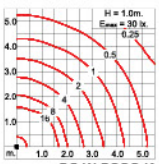
Light Distribution



20 W 3000 K



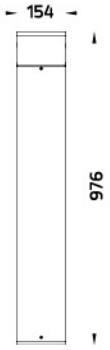
23 W 3000 K



36 W 3000 K

TOWER4 – Bollard

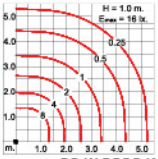
IP65 IK 09/09 OR



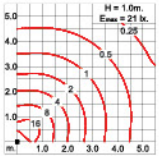
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	3000 K	1800 lm	620 lm	20 W	20 W	31 lm/W	7153-0-3-873-XX	–
	4000 K	1900 lm	650 lm	20 W	20 W	32 lm/W	7153-0-3-874-XX	–
	2700 K	3160 lm	610 lm	23 W	25 W	24 lm/W	7153-0-3-506-XX	7153-0-4-506-XX
	3000 K	3300 lm	640 lm	23 W	25 W	25 lm/W	7153-0-3-887-XX	7153-0-4-887-XX
	4000 K	3390 lm	650 lm	23 W	25 W	26 lm/W	7153-0-3-891-XX	7153-0-4-891-XX
	2700 K	4590 lm	1590 lm	36 W	39 W	40 lm/W	7153-0-3-505-XX	–
	3000 K	4790 lm	1660 lm	36 W	39 W	42 lm/W	7153-0-3-902-XX	–
	4000 K	4920 lm	1700 lm	36 W	39 W	43 lm/W	7153-0-3-905-XX	–

*for DALI option please consult your sales representative

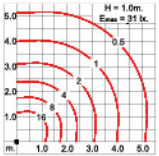
Light Distribution



20 W 3000 K



23 W 3000 K



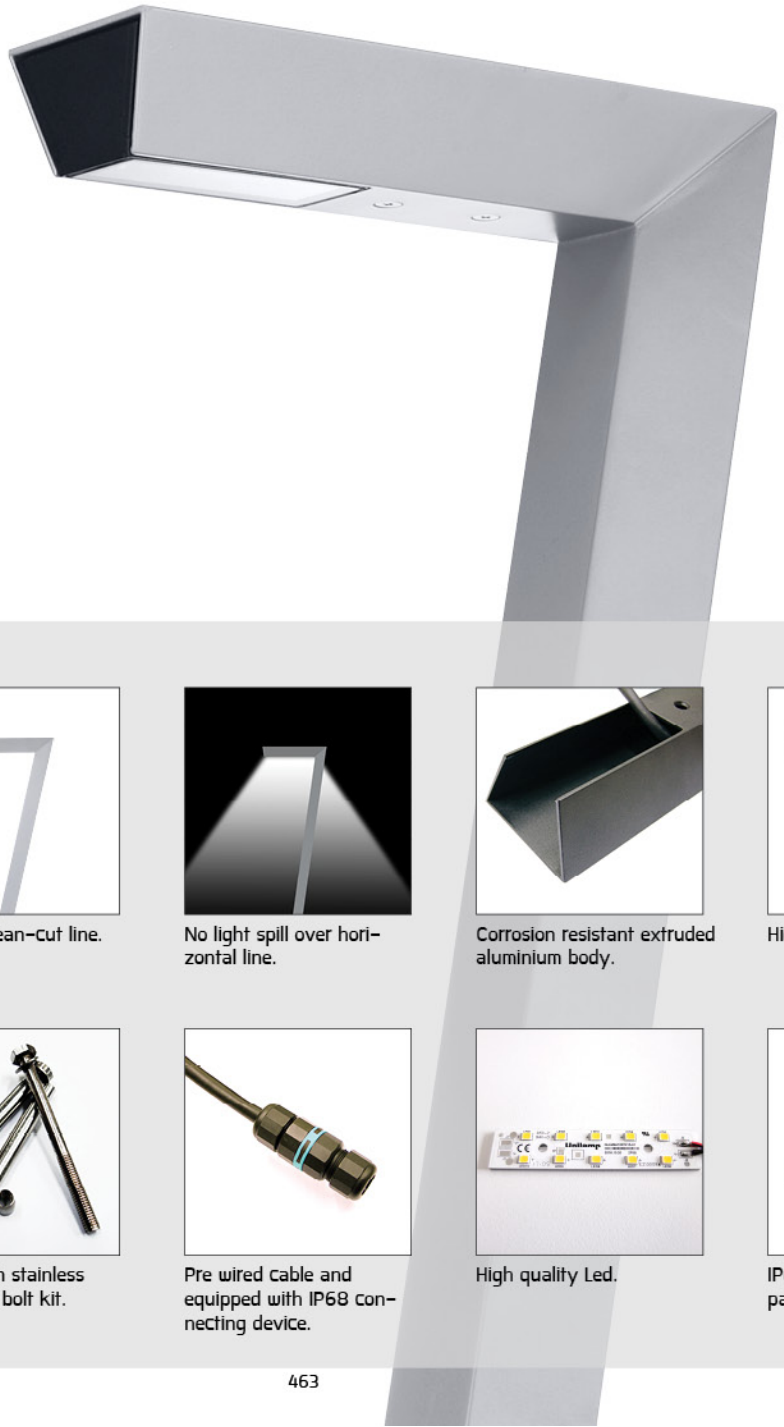
36 W 3000 K

SE7EN

SE7EN

Unilamp

Angular designed bollard installed with high quality LED and manufactured from corrosion resistant extruded aluminium. **SE7EN** is an architectural piece in itself either on or off. No visible screws, no light spill, pre wired cable with IP68 connection and IP66 lamp compartment **SE7EN** fulfill all the needs for modern urban scenery. Available in 3000K and 4000K with high CRI with exceptional color consistency. **SE7EN** is a perfect match for contemporary surrounding and can be installed in walkways, parks, commercial areas and open spaces.



Clear and clean-cut line.

No light spill over horizontal line.

Corrosion resistant extruded aluminium body.

Hidden screws.

Supplied with stainless steel anchor bolt kit.

Pre wired cable and equipped with IP68 connecting device.

High quality Led.

IP66 lamp and gear compartment.

SE7EN

Specification

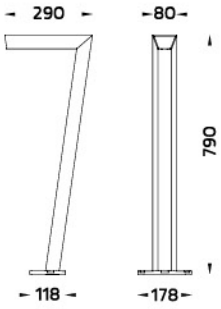
- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium and Extruded Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover or PMMA cover for Asymetric version.
- Post-cured silicone gasket.
- High quality LED module and driver.
- GFR PA6.6 Terminal block.
- Weather proof TPE grommet.
- Bollard pre-wired with outdoor cable.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

SE7EN Bollard

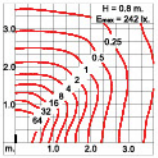
IP66 IK 08/07 OR IK 08



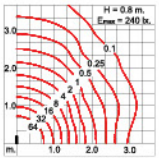
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
Asym	3000 K	630 lm	370 lm	5.2 W	7.2 W	51 lm/W	7170-9-3-921-XX	-
	4000 K	680 lm	390 lm	5.2 W	7.2 W	54 lm/W	7170-9-3-922-XX	-
	3000 K	630 lm	410 lm	5.2 W	7.2 W	56 lm/W	7170-0-3-921-XX	-
	4000 K	680 lm	440 lm	5.2 W	7.2 W	61 lm/W	7170-0-3-922-XX	-

*for DALI option please consult your sales representative

Light Distribution



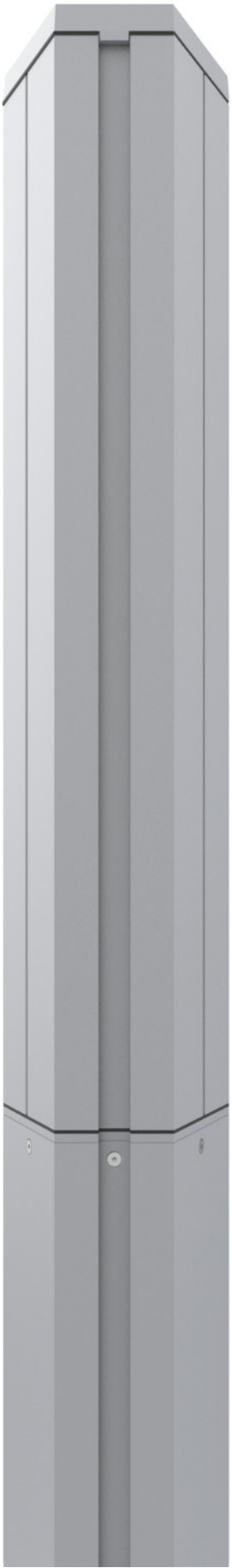
Asym 5.2 W 3000 K



5.2 W 3000 K

ZOID

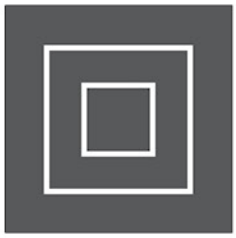
ZOID



ZOID is a distinctive trapezoid-outlined vertical illuminating low height light column with single sided light emission and perfect glare control. It is a Class 2 luminaire with cutting edge LED technology with absolutely flicker free light emission. LED is available in 3000K and 4000K color temperature with superb color rendering index. The high quality corrosion resistance aluminium housing is filmed with Nano Ceramic and coated with super durable coating. The heat management has been delicately designed and tested under ambient thermal condition Ta 40°C.The bollard height can be customized according to specific requirement. An anchorage unit is available as an accessory.

Corrosion resistant aluminium body.

Safety tempered glass cover.



Class 2 protection.

Glare shield stant louver.

High quality LED engine.

Approved component.

Coated with Nano ceramic film.

Choices of color.

ZOID

Specification

- Designed, Manufactured and tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium and Extruded Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- White integrated louvers.
- GFR PA6.6 Terminal block.
- M20 cable gland.
- Installation work has to be carried on according to the enclosed product manual.

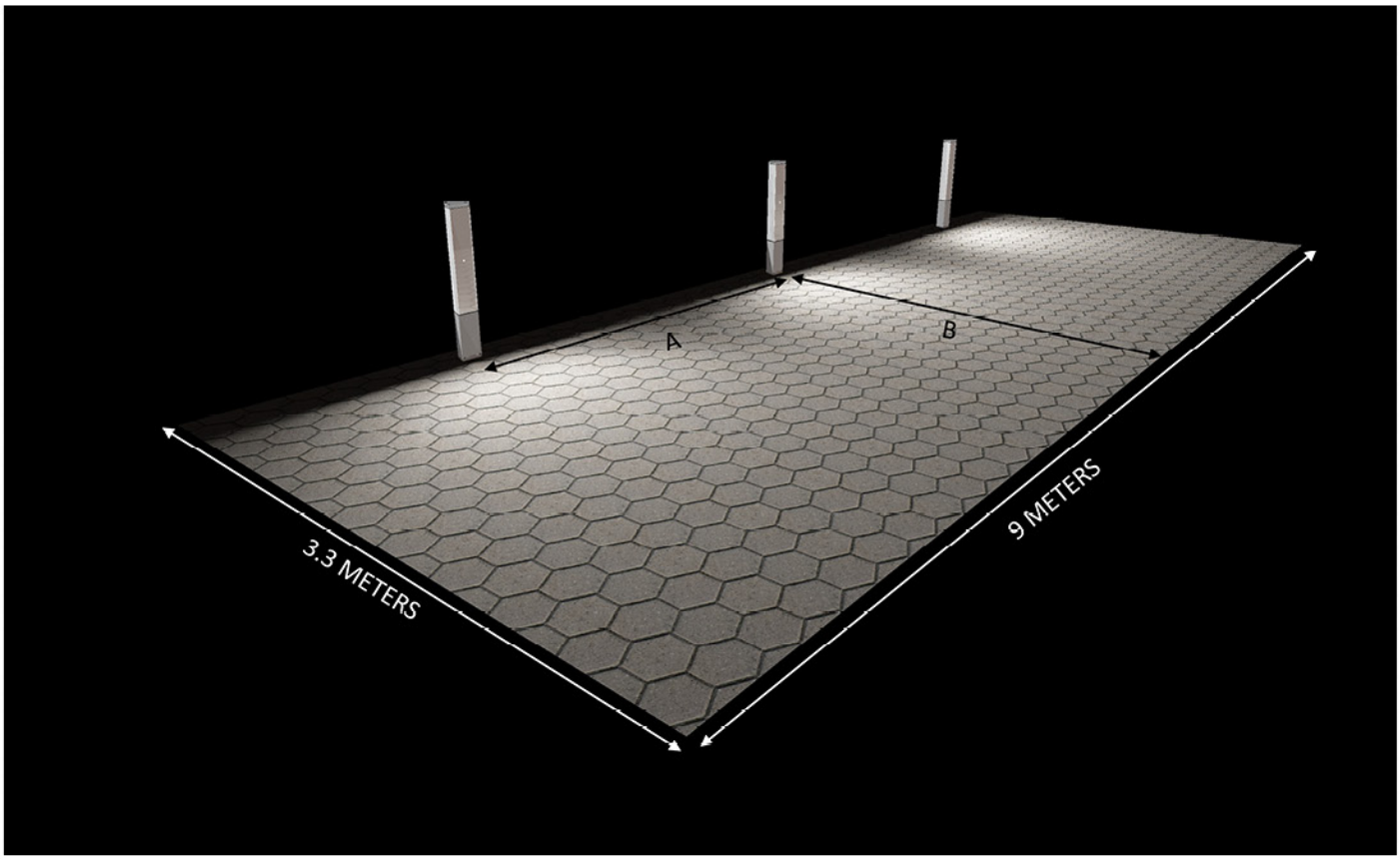
Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

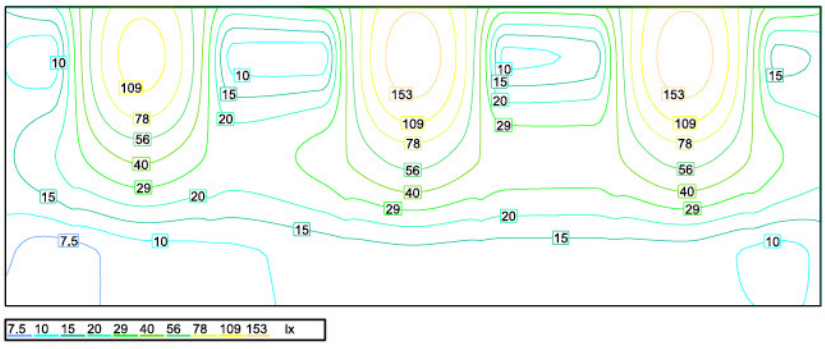
Accessories

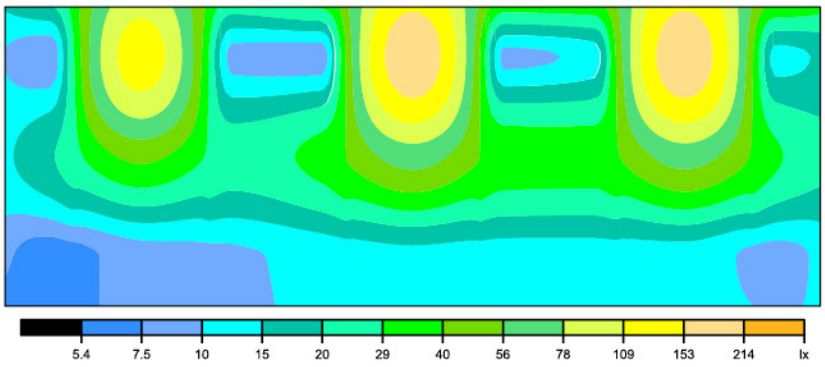
Anchor Bolt Kit for Bollard.
Ordering code: 9-2027-00

ZOID



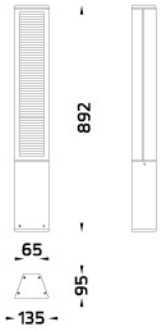
PRODUCT NAME	: ZOID Bollard	DISTANCE A	: 3 METERS.
TYPE	: LED **25W** 3000lm 3000K	DISTANCE B	: 3 METERS.
ORDERING CODE	: 7811-0-3-937-XX	MOUNTING HEIGHT	: 1 METERS.





ZOID Bollard

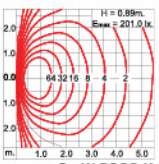
IP65 IK 08/07



	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	3000 lm	810 lm	25 W	28 W	28 lm/W	7811-0-3-937-XX	-
	4000 K	3170 lm	850 lm	25 W	28 W	30 lm/W	7811-0-3-986-XX	-

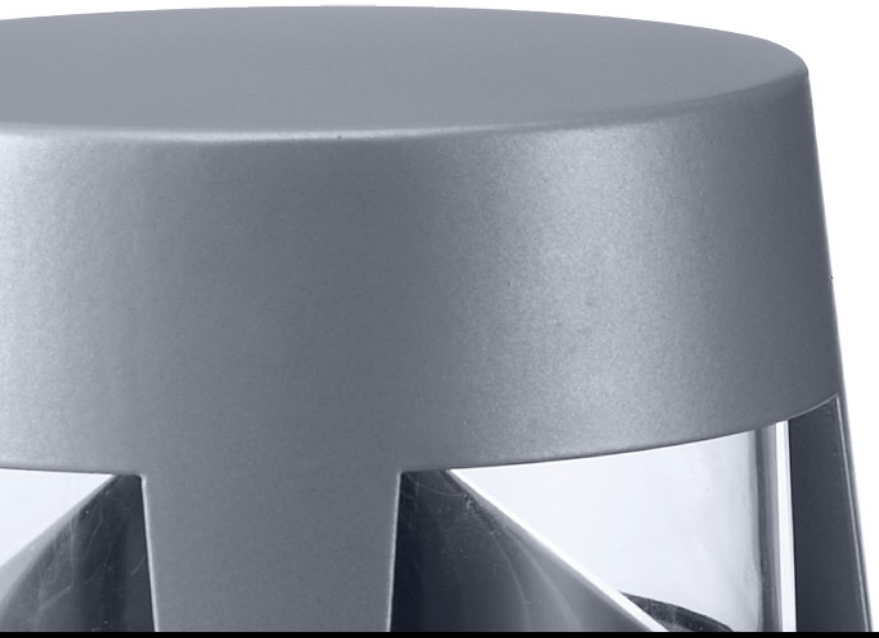
*for DALI option please consult your sales representative

Light Distribution



25 W 3000 K

Unilamp



BUZZ

BUZZ

BUZZ is a robust ground mounted luminaire with excellent light control with three different types of light pattern. BUZZ has a wide beam light distribution from a low mounting height and is the perfect fixture where foliage would normally cover an inground fixture. It is available in two sizes and operated with COB LED. It provides fantastic lighting level with no glare from the above viewing angle. With its strong aluminium construction and clear polycarbonate cover, it protects the luminaire from dust and water and possible harmful impact. BUZZ is generally installed in the walkways and pathways in both private and public areas. It provides visual guidance in the architectural environment. Anchorage unit for concrete foundation is available as an accessory.

Mini BUZZ

1. **Reflector**
   State of art high efficiency Computer-Aided design reflector.

2. **LED Module**
   COB Led directly attached to the body for fastest heat transfer. 2700K, 3000K and 4000K CRI>80 3-Step SDCM.

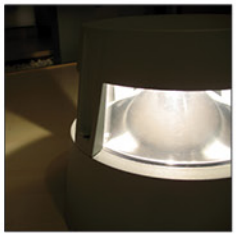
3. **Body Housing**
   Enhanced LM6 Die-Cast Alumnium housing with 16-step coating process including Nano Ceramic film. Low copper content <0.1%

4. **Cover.**
   Self-extinguishing PC protective cover. Protect against UV rays and mechanical impact.

5. **Connector**
   Supplied with IP68 Gel-Filled connector. Prepared for through wiring.

Robust aluminium construction.

Vandal proof PC lens protective cover.


Comfortable light emission.

High quality LED.

Armor shield coating.

Supplied with gel-filled connector.

Accessory

Anchor bolt kit [Not for Mini BUZZ].
Ordering code: 9-2015-00

Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Polycarbonate diffuser.
- Post-cured silicone gasket.
- High quality LED module and driver.
- Anodized aluminium reflector
- M20 cable gland.
- Pre-wired with outdoor cable.
- Gel-filled connection block.
- Installation work has to be carried on according to the enclosed product manual.

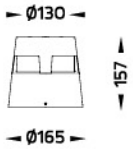
Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Mini BUZZ1 Ground Washer

IP67 IK 08/08

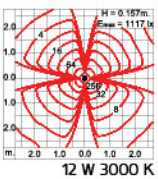
A++



	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	2700 K	1550 lm	710 lm	12 W	15 W	47 lm/W	7163-0-3-503-XX	7163-0-4-503-XX
	3000 K	1620 lm	750 lm	12 W	15 W	50 lm/W	7163-0-3-901-XX	7163-0-4-901-XX
	4000 K	1660 lm	760 lm	12 W	15 W	50 lm/W	7163-0-3-904-XX	7163-0-4-904-XX

*for DALI option please consult your sales representative

Light Distribution

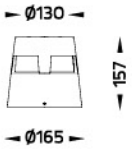


12 W 3000 K

Mini BUZZ2 Ground Washer

IP67 IK 08/08

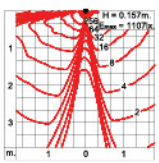
A++



	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	2700 K	1550 lm	360 lm	12 W	15 W	24 lm/W	7164-0-3-503-XX	7164-0-4-503-XX
	3000 K	1620 lm	380 lm	12 W	15 W	25 lm/W	7164-0-3-901-XX	7164-0-4-901-XX
	4000 K	1660 lm	390 lm	12 W	15 W	26 lm/W	7164-0-3-904-XX	7164-0-4-904-XX

*for DALI option please consult your sales representative

Light Distribution



12 W 3000 K

Unilamp

Mini BUZZ3 Ground Washer

IP67 IK 08/08

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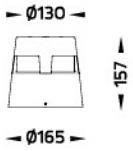
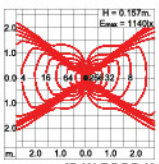


Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On-Off	*1-10V*
2700 K	1550 lm	320 lm	12 W	15 W	21 lm/W	7165-0-3-503-XX	7165-0-4-503-XX
3000 K	1620 lm	340 lm	12 W	15 W	22 lm/W	7165-0-3-901-XX	7165-0-4-901-XX
4000 K	1660 lm	340 lm	12 W	15 W	22 lm/W	7165-0-3-904-XX	7165-0-4-904-XX

*for DALI option please consult your sales representative

Light Distribution



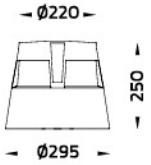
12 W 3000 K

Unilamp

BUZZ1 Ground Washer

IP67 IK 10/10

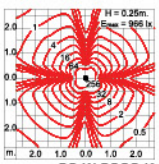
A++ A+

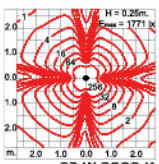


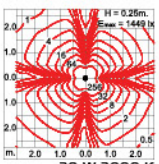
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	1800 lm	880 lm	20 W	20 W	44 lm/w	7160-0-3-873-XX	-
	4000 K	1900 lm	920 lm	20 W	20 W	46 lm/w	7160-0-3-874-XX	-
	2700 K	3160 lm	1690 lm	23 W	27 W	62 lm/W	7160-0-3-506-XX	7160-0-4-506-XX
	3000 K	3300 lm	1770 lm	23 W	27 W	65 lm/W	7160-0-3-887-XX	7160-0-4-887-XX
	4000 K	3390 lm	1810 lm	23 W	27 W	67 lm/W	7160-0-3-891-XX	7160-0-4-891-XX
	3000 K	2700 lm	1370 lm	30 W	30 W	45 lm/W	7160-0-3-877-XX	-
	4000 K	2850 lm	1440 lm	30 W	30 W	48 lm/W	7160-0-3-878-XX	-
	2700 K	4590 lm	2460 lm	36 W	40 W	61 lm/W	7160-0-3-505-XX	-
	3000 K	4790 lm	2570 lm	36 W	40 W	64 lm/W	7160-0-3-902-XX	-
	4000 K	4920 lm	2630 lm	36 W	40 W	65 lm/W	7160-0-3-905-XX	-

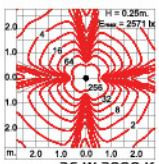
*for DALI option please consult your sales representative

Light Distribution


20 W 3000 K


23 W 3000 K

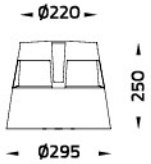

30 W 3000 K


36 W 3000 K

BUZZ2 Ground Washer

IP67 IK10/10

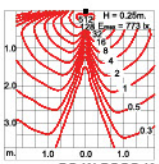
A++ A+

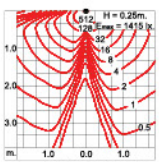


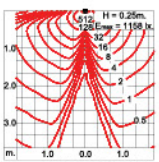
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	1800 lm	220 lm	20 W	20 W	11 lm/W	7161-0-3-873-XX	-
	4000 K	1900 lm	240 lm	20 W	20 W	12 lm/W	7161-0-3-874-XX	-
	2700 K	3160 lm	390 lm	23 W	27 W	14 lm/W	7161-0-3-506-XX	7161-0-4-506-XX
	3000 K	3300 lm	410 lm	23 W	27 W	15 lm/W	7161-0-3-887-XX	7161-0-4-887-XX
	4000 K	3390 lm	420 lm	23 W	27 W	15 lm/W	7161-0-3-891-XX	7161-0-4-891-XX
	3000 K	2700 lm	340 lm	30 W	30 W	11 lm/W	7161-0-3-877-XX	-
	4000 K	2850 lm	370 lm	30 W	30 W	12 lm/W	7161-0-3-878-XX	-
	2700 K	4590 lm	570 lm	36 W	40 W	14 lm/W	7161-0-3-505-XX	-
	3000 K	4790 lm	600 lm	36 W	40 W	15 lm/W	7161-0-3-902-XX	-
	4000 K	4920 lm	610 lm	36 W	40 W	15 lm/W	7161-0-3-905-XX	-

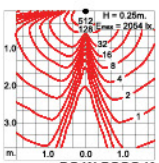
*for DALI option please consult your sales representative

Light Distribution


20 W 3000 K


23 W 3000 K

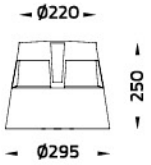

30 W 3000 K


36 W 3000 K

BUZZ3 Ground Washer

IP67 IK 10/10

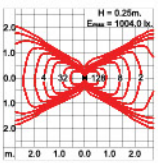
A++ A+

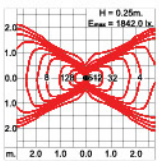


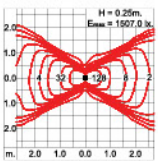
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	1800 lm	280 lm	20 W	20 W	14 lm/W	7162-0-3-873-XX	-
	4000 K	1900 lm	290 lm	20 W	20 W	14 lm/W	7162-0-3-874-XX	-
	2700 K	3160 lm	480 lm	23 W	27 W	17 lm/W	7162-0-3-506-XX	7162-0-4-506-XX
	3000 K	3300 lm	510 lm	23 W	27 W	18 lm/W	7162-0-3-887-XX	7162-0-4-887-XX
	4000 K	3390 lm	520 lm	23 W	27 W	19 lm/W	7162-0-3-891-XX	7162-0-4-891-XX
	3000 K	2700 lm	430 lm	30 W	30 W	14 lm/W	7162-0-3-877-XX	-
	4000 K	2850 lm	450 lm	30 W	30 W	15 lm/W	7162-0-3-878-XX	-
	2700 K	4590 lm	580 lm	36 W	40 W	14 lm/W	7162-0-3-505-XX	-
	3000 K	4790 lm	750 lm	36 W	40 W	18 lm/W	7162-0-3-902-XX	-
	4000 K	4920 lm	760 lm	36 W	40 W	19 lm/W	7162-0-3-905-XX	-

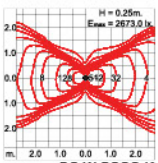
*for DALI option please consult your sales representative

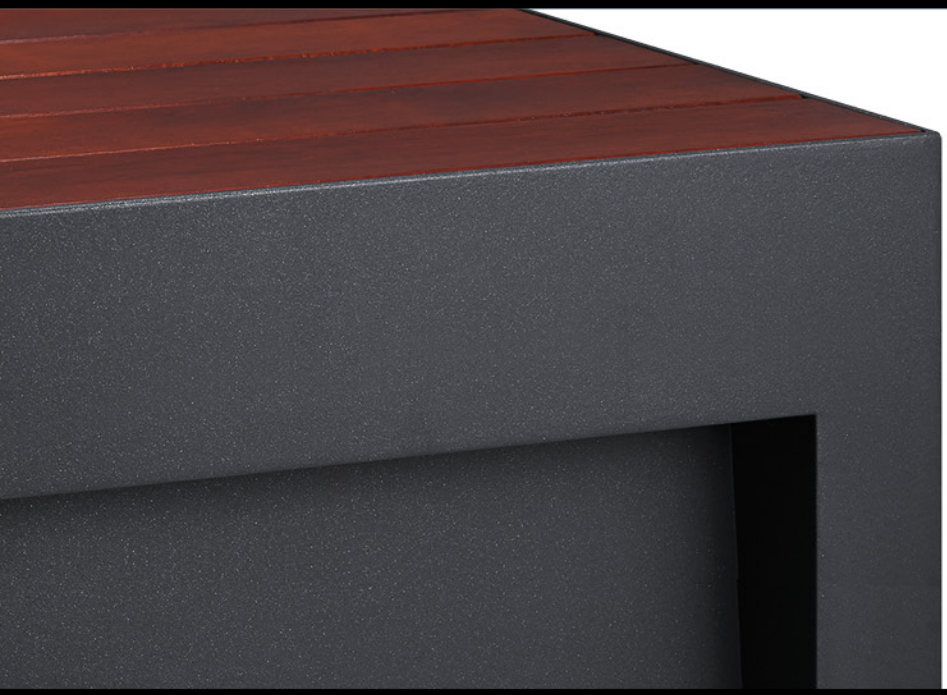
Light Distribution


20 W 3000 K


23 W 3000 K


30 W 3000 K

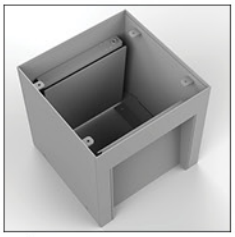

36 W 3000 K



HEXAHEDRON

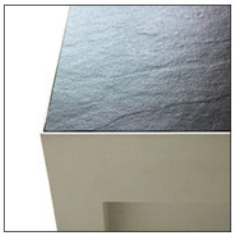
HEXAHEDRON

HEXAHEDRON is a unique combination of an outdoor luminaire and public seating. The solid aluminium structure allows **HEXHEDRON** to be used in the seaside environments and areas of high vandalism. Equipped with high quality LED modules and drivers, **HEXADEDRON** provides glare free light with a long service life. It is available in 3000K and 4000K color temperature options with a high CRI. The luminaire stands out during the day and attractively illuminate the surroundings at night. Finished with an architectural material Granito Ceramic top or Engineered Wood top.



Robust construction.

Eye catching object.



Granito ceramic top.

Low glare.

Sit-able.

High quality LED.

Coated with nano ceramic film.

Armor shield coating.

HEXAHEDRON

Specification

- Designed, Manufactured and tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium and Extruded Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- High quality LED module and driver.
- GFR PA6.6 Terminal block.
- M20 Cable gland.
- Pre-wired with outdoor cable.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

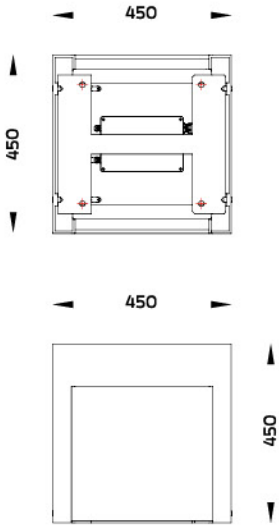
HEXAHEDRON

HEXAHEDRON/1

IP66 IK 10/07

A++

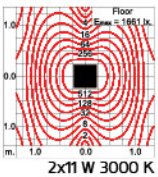
*With Engineered Wood top



	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	2x1280 lm	960 lm	2x11 W	26 W	36 lm/W	7198-0-3-895-XX	-
	4000 K	2x1400 lm	1050 lm	2x11 W	26 W	40 lm/W	7198-0-3-896-XX	-

*for DALI option please consult your sales representative

Light Distribution



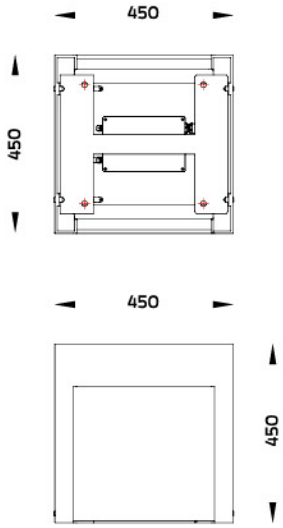
2x11 W 3000 K

HEXAHEDRON

IP66 IK 10/07

A++

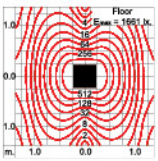
*With Granito Ceramic top



	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	2x1280 lm	960 lm	2x11 W	26 W	36 lm/W	7199-0-3-895-XX	-
	4000 K	2x1400 lm	1050 lm	2x11 W	26 W	40 lm/W	7199-0-3-896-XX	-

*for DALI option please consult your sales representative

Light Distribution

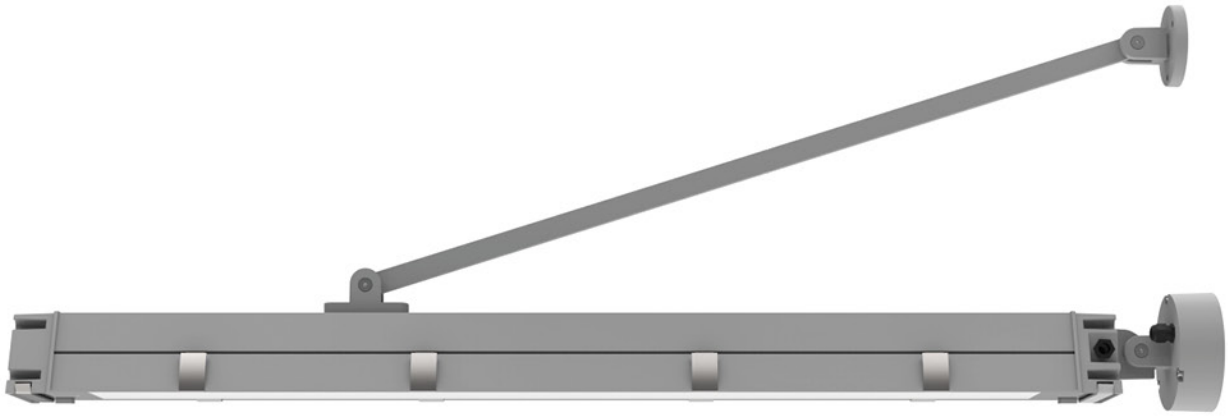


2x11 W 3000 K

EQUINOX

EQUINOX

EQUINOX is the trapeze-shaped extendable light fixture for residential and public spaces. It is operated with LED light source. It can be used on a pole with a clamping unit and also as a wall mounted fixture. With high quality LED in 3000K and 4000K color temperature, **EQUINOX** is an economical luminaire that provides general illumination with excellent lighting levels. The exceptional reflector system distributes the light efficiently to the lighting tasks. The IP rated clip-lock system enables **EQUINOX** to be used in an outdoor environment without any ingress of harmful dust and water. Available as an option are Aluminium Poles, Galvanized steel poles and anchorage unit for concrete foundations.



Corrosion resistant aluminium body.

No light spill above horizontal line.

Also available as well mount luminaire.

Adjustable angle.

High quality LED.

Approved components.

EQUINOX

Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium and Extruded Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- Molded Lens from renowned manufacturer.
- Adjustable optic.
- GFR PA6.6 Terminal block.
- M20 cable gland/ weather proof TPE grommet.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Accessories

Anchor Bolt Kit for Aluminium Pole
Ordering code : 9-2020-00

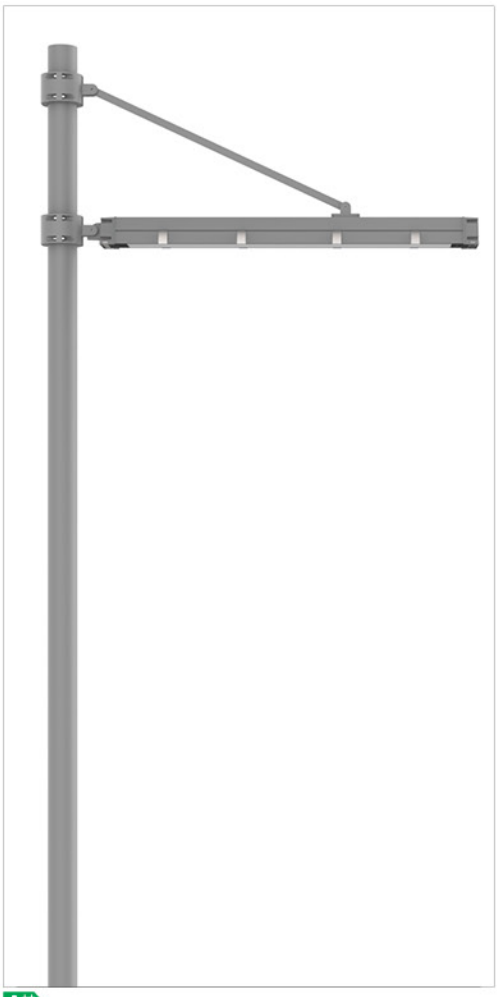
Anchor Bolt Kit for Galvanized Steel Pole (for Diameter 102mm.)
Ordering code : 9-2023-00

Extruded Aluminium Pole Ø105mm.
(Please see detail on page 713)

Galvanized Steel Pole Ø102mm.
(Please see detail on page 716)

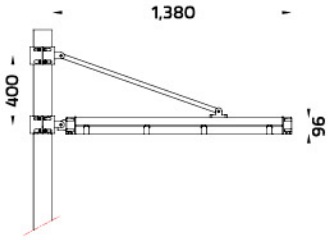
EQUINOX – Pole Light / Single Sided

IP65 IK 08/07



A++

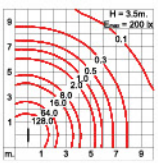
EQUINOX Pole light is also available in double-sided.
For double-sided version: please replace the first 4 digit of ordering code with 7218.



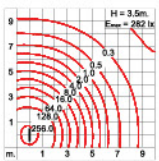
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	5820 lm	5000 lm	39 W	44 W	113 lm/W	7217-0-3-542-XX	-
	4000 K	6140 lm	5280 lm	39 W	44 W	120 lm/W	7217-0-3-543-XX	-
	3000 K	8160 lm	7010 lm	58 W	63 W	111 lm/W	7217-0-3-540-XX	-
	4000 K	8620 lm	7410 lm	58 W	63 W	117 lm/W	7217-0-3-541-XX	-

*for DALI option please consult your sales representative

Light Distribution



39 W 3000 K



58 W 3000 K

EQUINOX – Wall Light

IP65 IK 08/07

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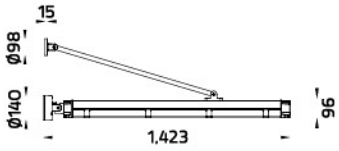
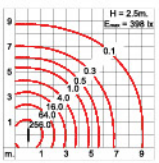


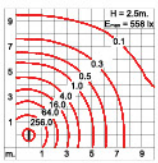
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	3000 K	5820 lm	5000 lm	39 W	44 W	113 lm/W	7617-0-3-542-XX	–
	4000 K	6140 lm	5280 lm	39 W	44 W	120 lm/W	7617-0-3-543-XX	–
	3000 K	8160 lm	7010 lm	58 W	63 W	111 lm/W	7617-0-3-540-XX	–
	4000 K	8620 lm	7410 lm	58 W	63 W	117 lm/W	7617-0-3-541-XX	–

*for DALI option please consult your sales representative

Light Distribution



39 W 3000 K

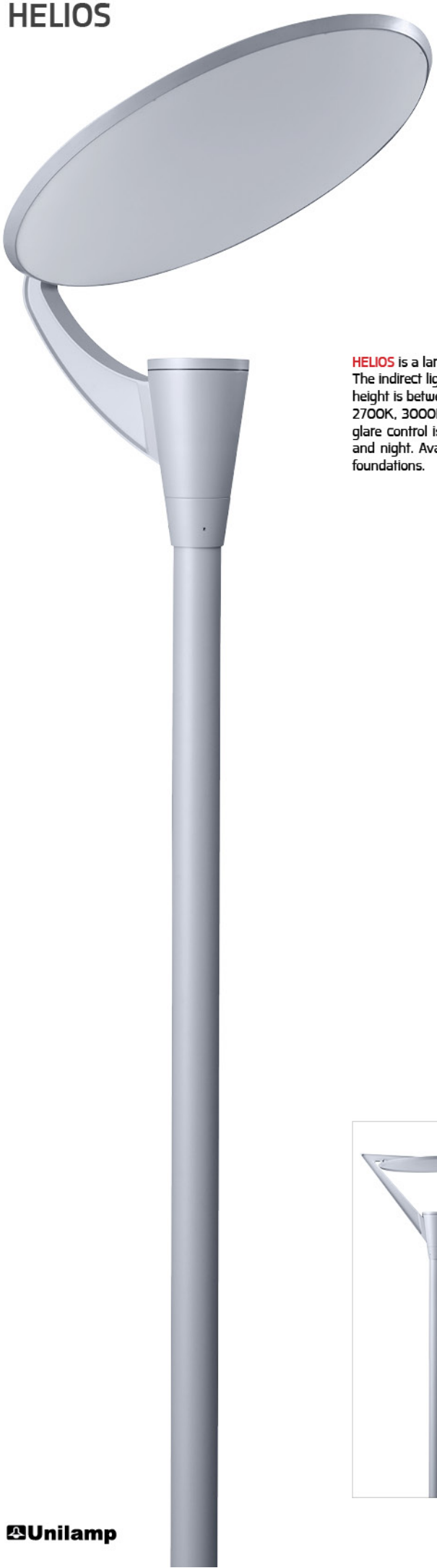


58 W 3000 K

Unilamp

HELIOS

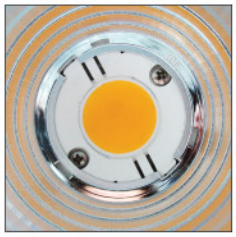
HELIOS



HELIOS is a large wall mounted or pole-top luminaire with symmetrical and asymmetrical indirect light distribution. The indirect light from the luminaire generates an uniform and glare free illumination. The recommended mounting height is between 3 – 5 meters from the ground. **HELIOS** is available with COB LED light source in two wattages in 2700K, 3000K or 4000K. It is suitable for parking lots, public parks, pedestrian, squares and open areas where glare control is required. The luminaire blends well with all contemporary architectural design durnuing the day and night. Available as an option are Aluminium Poles, Galvanized steel poles and anchorage unit for concrete foundations.

Glare free indirect light distribution.

Injected GFR Polymer reflecting disc.

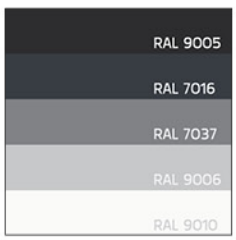


High performance LED.

High purity reflector.

High strength die-cast aluminium arm.

Wall light version equipped with quick connnector.



Available in 5 colors.

Armor shield coating.

HELIOS

Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium and Extruded Aluminium body.
- GFR polymer reflecting disc.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- Anodized aluminium reflector.
- GFR PA6.6 Terminal block.
- Weather proof grommet(Wall Light) or M20 cable gland(Pole Light).
- Pole light pre-wired with outdoor cable.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Accessories

Anchor Bolt Kit for Aluminium Pole
Ordering code : 9-2020-00

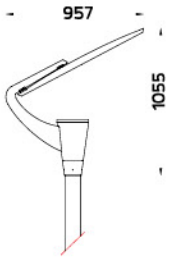
Anchor Bolt Kit for Galvanized Steel Pole (for Ø 102mm.)
Ordering code : 9-2023-00

Extruded Aluminium Pole
Ø 105mm.
(Please see detail on page 710)

Gavalnized Steel Pole
Ø 102mm.
(Please see detail on page 714)

HELIOS – Asymmetric Pole Top

IP65 IK 10/07



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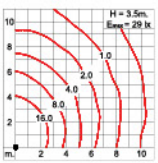
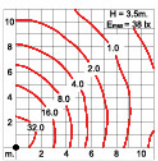
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	2700 K	7110 lm	3910 lm	52 W	58 W	67 lm/W	7221-0-3-508-XX	–
	3000 K	7420 lm	4080 lm	52 W	58 W	70 lm/W	7221-0-3-888-XX	–
	4000 K	7610 lm	4180 lm	52 W	58 W	72 lm/W	7221-0-3-892-XX	–
	2700 K	9300 lm	5110 lm	70 W	77 W	66 lm/W	7221-0-3-507-XX	7221-0-4-507-XX
	3000 K	9700 lm	5330 lm	70 W	77 W	69 lm/W	7221-0-3-903-XX	7221-0-4-903-XX
	4000 K	9950 lm	5470 lm	70 W	77 W	71 lm/W	7221-0-3-906-XX	7221-0-4-906-XX

*for DALI option please consult your sales representative

Light Distribution



52 W 3000 K



70 W 3000 K

HELIOS – Asymmetric Wall Light

IP65 IK 10/07

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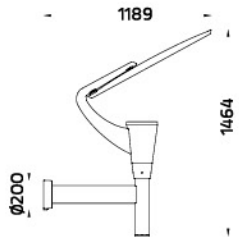
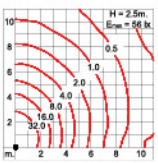


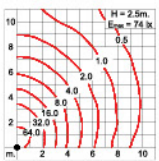
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	2700 K	7110 lm	3910 lm	52 W	58 W	67 lm/W	7621-0-3-508-XX	-
	3000 K	7420 lm	4080 lm	52 W	58 W	70 lm/W	7621-0-3-888-XX	-
	4000 K	7610 lm	4180 lm	52 W	58 W	72 lm/W	7621-0-3-892-XX	-
	2700 K	9300 lm	5110 lm	70 W	77 W	66 lm/W	7621-0-3-507-XX	7621-0-4-507-XX
	3000 K	9700 lm	5330 lm	70 W	77 W	69 lm/W	7621-0-3-903-XX	7621-0-4-903-XX
	4000 K	9950 lm	5470 lm	70 W	77 W	71 lm/W	7621-0-3-906-XX	7621-0-4-906-XX

*for DALI option please consult your sales representative

Light Distribution



52 W 3000 K



70 W 3000 K

HELIOS – Symmetric Pole Top

IP65 IK 10/07

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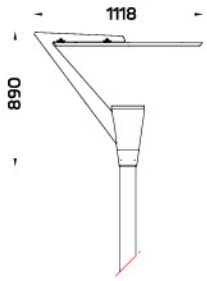
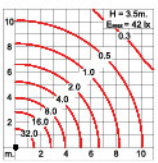


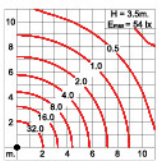
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	2700 K	7110 lm	3910 lm	52 W	58 W	67 lm/W	7224-0-3-508-XX	–
	3000 K	7420 lm	4080 lm	52 W	58 W	70 lm/W	7224-0-3-888-XX	–
	4000 K	7610 lm	4180 lm	52 W	58 W	72 lm/W	7224-0-3-892-XX	–
	2700 K	9300 lm	5110 lm	70 W	77 W	66 lm/W	7224-0-3-507-XX	7224-0-4-507-XX
	3000 K	9700 lm	5330 lm	70 W	77 W	69 lm/W	7224-0-3-903-XX	7224-0-4-903-XX
	4000 K	9950 lm	5470 lm	70 W	77 W	71 lm/W	7224-0-3-906-XX	7224-0-4-906-XX

*for DALI option please consult your sales representative

Light Distribution



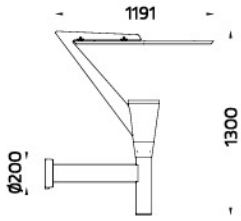
52 W 3000 K



70 W 3000 K

HELIOS – Symmetric Wall Light

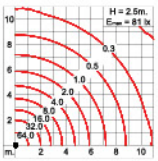
IP65 IK 10/07



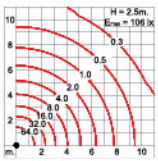
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	2700 K	7110 lm	3910 lm	52 W	58 W	67 lm/W	7624-0-3-508-XX	–
	3000 K	7420 lm	4080 lm	52 W	58 W	70 lm/W	7624-0-3-888-XX	–
	4000 K	7610 lm	4180 lm	52 W	58 W	72 lm/W	7624-0-3-892-XX	–
	2700 K	9300 lm	5110 lm	70 W	77 W	66 lm/W	7624-0-3-507-XX	7624-0-4-507-XX
	3000 K	9700 lm	5330 lm	70 W	77 W	69 lm/W	7624-0-3-903-XX	7624-0-4-903-XX
	4000 K	9950 lm	5470 lm	70 W	77 W	71 lm/W	7624-0-3-906-XX	7624-0-4-906-XX

*for DALI option please consult your sales representative

Light Distribution

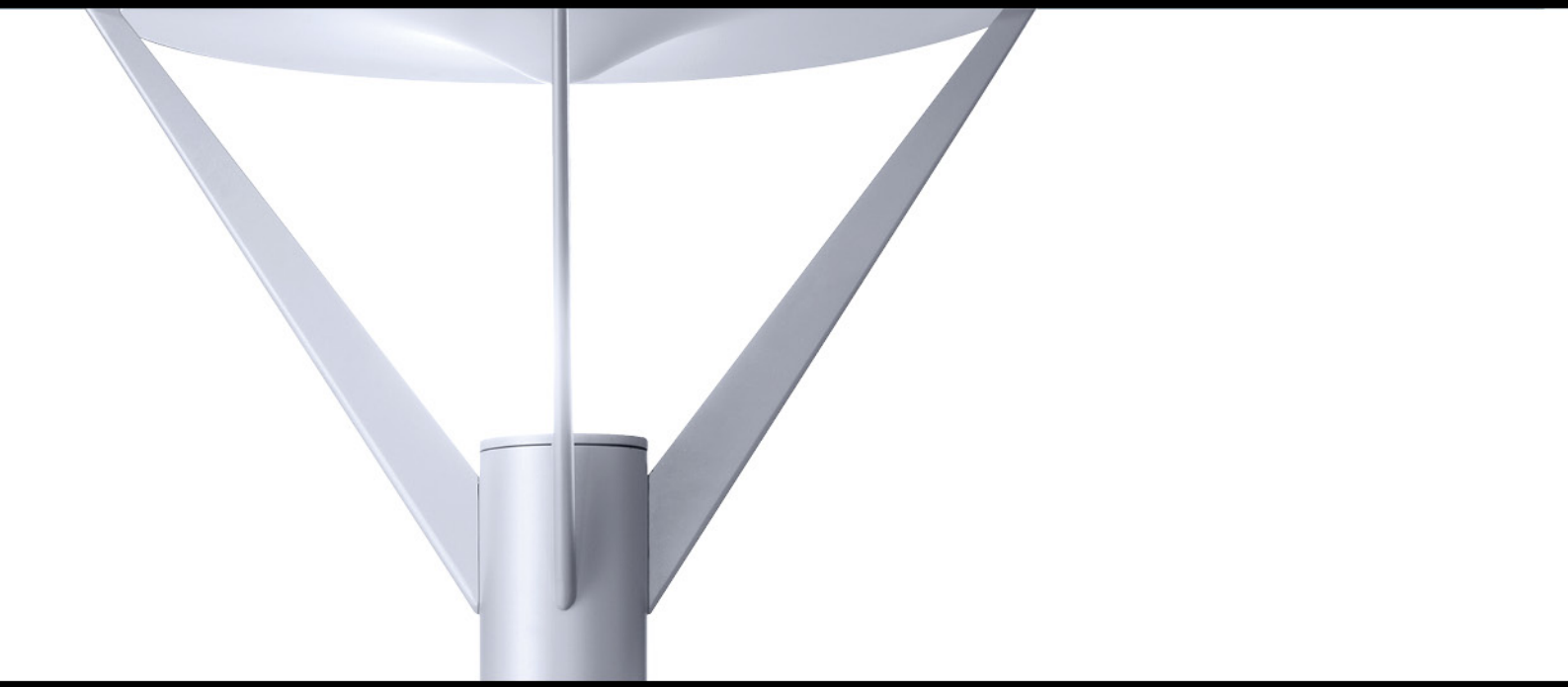


52 W 3000 K



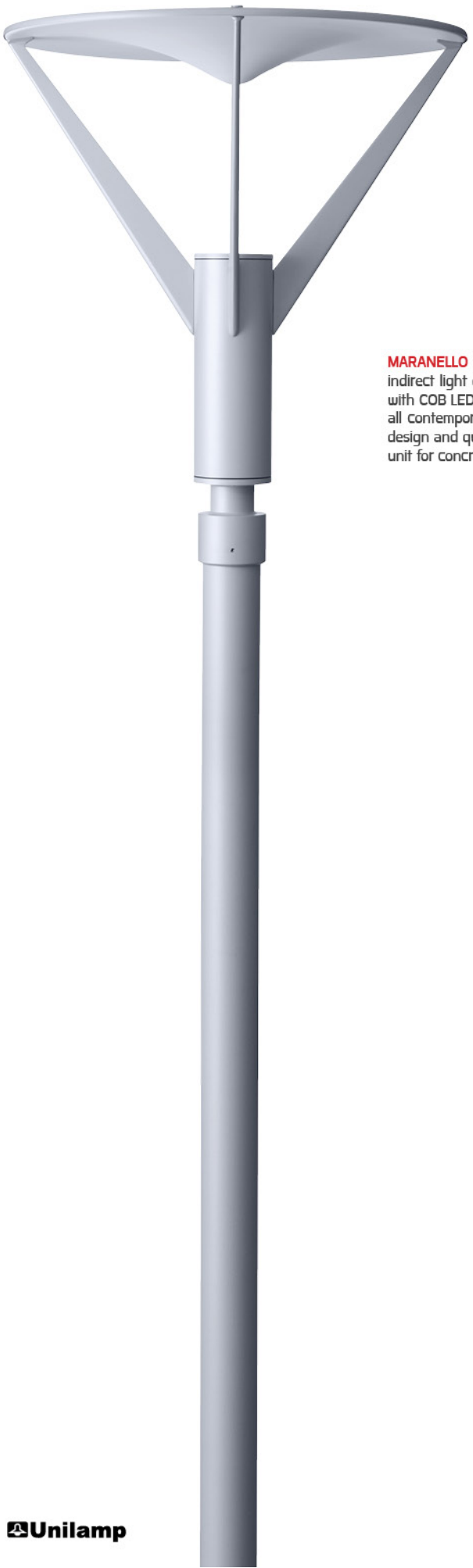
70 W 3000 K

Unilamp



MARANELLO

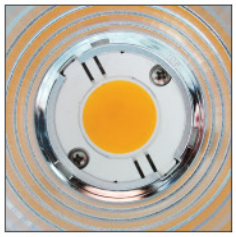
MARANELLO



MARANELLO is a family of large wall mounted and pole-top luminaires with symmetrical low glare indirect light distribution. The recommended mounting height is between 3 – 5 metres. It is available with COB LED light source in two wattages in 2700K, 3000K or 4000K. **MARANELLO** blends well with all contemporary architectural design durcuing the day and night. It has proven its success in both design and quality. Available as an option are Aluminium Poles, Galvanized steel poles and anchorage unit for concrete foundations.

Glare free indirect light distribution.

Strong supporting bracket.

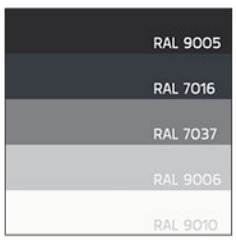


High quality LED.

High purity reflector.

Coated with Nano Ceramic.

Wall light version equipped with quick connnector.



Available in 5 colors.

Armor shield coating.

MARANELLO

Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium and Extruded Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- Anodized aluminium reflector.
- GFR PA6.6 Terminal block.
- Weather proof grommet(Wall Light) or M20 cable gland (Pole Light).
- Pole light pre-wired with outdoor cable.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Accessories

Anchor Bolt Kit for Aluminium Pole
Ordering code : 9-2020-00

Anchor Bolt Kit for Galvanized Steel Pole (for Ø 102mm.)
Ordering code : 9-2023-00

Extruded Aluminium Pole
Ø 105mm.
(Please see detail on page 710)

Gavalnized Steel Pole
Ø 102mm.
(Please see detail on page 714)

MARANELLO – Pole Top

IP65 IK 08/07

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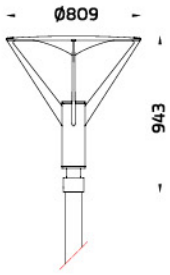
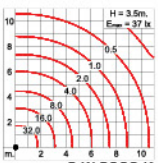


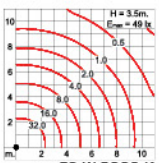
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	2700 K	7110 lm	2130 lm	52 W	57 W	37 lm/W	7222-0-3-508-XX	-
	3000 K	7420 lm	2220 lm	52 W	57 W	38 lm/W	7222-0-3-888-XX	-
	4000 K	7610 lm	2280 lm	52 W	57 W	40 lm/W	7222-0-3-892-XX	-
	2700 K	9300 lm	2790 lm	70 W	74 W	37 lm/W	7222-0-3-507-XX	7222-0-4-507-XX
	3000 K	9700 lm	2910 lm	70 W	74 W	39 lm/W	7222-0-3-903-XX	7222-0-4-903-XX
	4000 K	9950 lm	2980 lm	70 W	74 W	40 lm/W	7222-0-3-906-XX	7222-0-4-906-XX

*for DALI option please consult your sales representative

Light Distribution



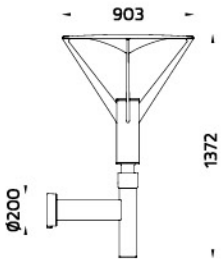
52 W 3000 K



70 W 3000 K

MARANELLO – Wall Light

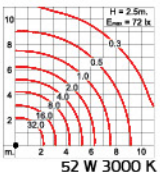
IP65 IK 08/07



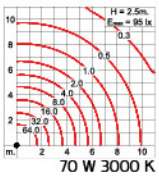
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	2700 K	7110 lm	2130 lm	52 W	57 W	37 lm/W	7622-0-3-508-XX	-
	3000 K	7420 lm	2220 lm	52 W	57 W	38 lm/W	7622-0-3-888-XX	-
	4000 K	7610 lm	2280 lm	52 W	57 W	40 lm/W	7622-0-3-892-XX	-
	2700 K	9300 lm	2790 lm	70 W	74 W	37 lm/W	7622-0-3-507-XX	7622-0-4-507-XX
	3000 K	9700 lm	2910 lm	70 W	74 W	39 lm/W	7622-0-3-903-XX	7622-0-4-903-XX
	4000 K	9950 lm	2980 lm	70 W	74 W	40 lm/W	7622-0-3-906-XX	7622-0-4-906-XX

*for DALI option please consult your sales representative

Light Distribution



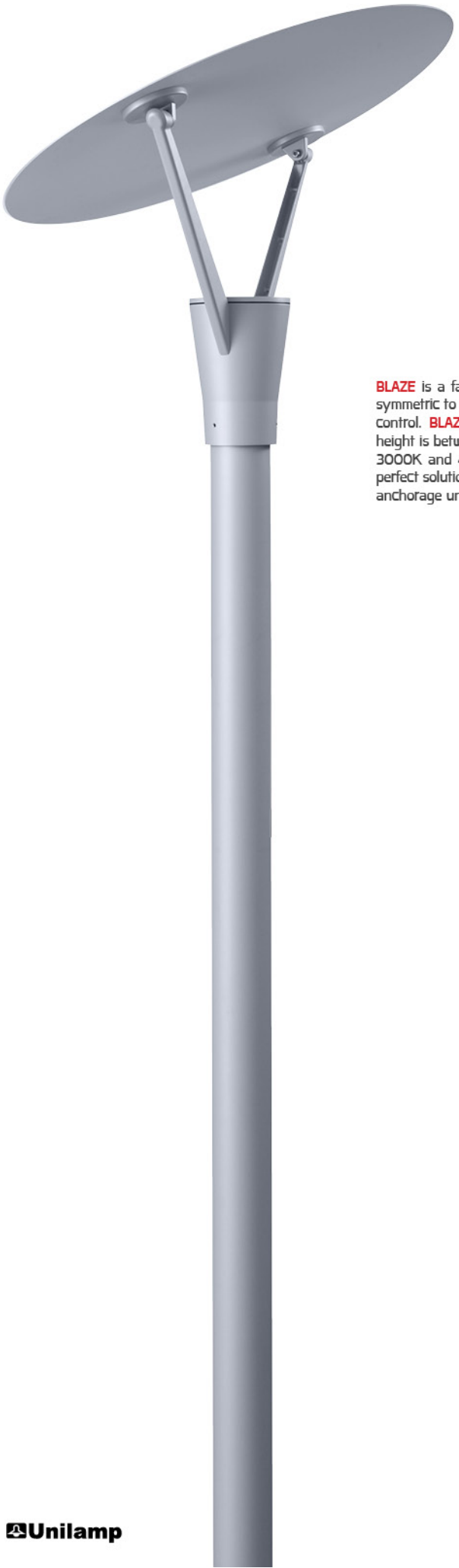
52 W 3000 K



70 W 3000 K

BLAZE

BLAZE



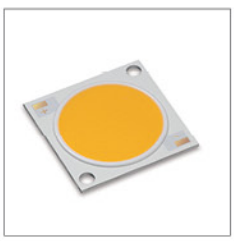
BLAZE is a family of large size wall mount and pole-top luminaires. The top reflector is easily adjustable from symmetric to asymmetric distribution to get the desired light delivered for most applications and assists with glare control. **BLAZE** is made for smooth and uniform light distribution on designated areas. The recommended mounting height is between 3 – 5 meters from the ground. It is equipped with high CRI COB LED and is available in 2700K, 3000K and 4000K. It is most suited in parking lots, public parks, pedestrian and open spaces. **BLAZE** is the perfect solution for a glare free installation. Available as an option are Aluminium Poles, Galvanized steel poles and anchorage unit for concrete foundations.

Glare free indirect light distribution.

High purity reflector.

Adjustable reflecting disc.

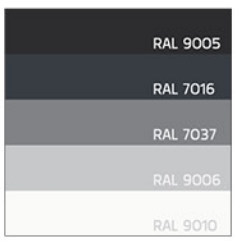
Top glass flushes to the cover.



High quality LED.

Wall light version equipped with quick connector.

Armor shield coating.



Available in 5 colors.

BLAZE

BLAZE

Specification

- Designed, Manufactured and tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium and Extruded Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- Anodized aluminium reflector.
- Adjustable Optic.
- GFR PA6.6 Terminal block.
- Weather proof grommet(Wall Light) or M20 cable gland(Pole Light).
- Pole light pre-wired with outdoor cable.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Accessories

Anchor Bolt Kit for Aluminium Pole
Ordering code : 9-2020-00

Anchor Bolt Kit for Galvanized Steel Pole (for Ø 102mm.)
Ordering code : 9-2023-00

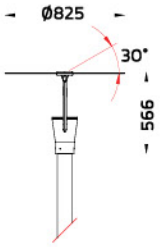
Extruded Aluminium Pole
Ø 105mm.
(Please see detail on page 710)

Gavalnized Steel Pole
Ø 102mm.
(Please see detail on page 714)

BLAZE – Pole Top

IP65 IK 08/07

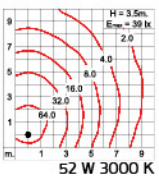
A++



	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	2700 K	7110 lm	2130	52 W	57 W	37 lm/W	7223-0-3-507-XX	7223-0-4-507-XX
	3000 K	7420 lm	2220	52 W	57 W	38 lm/W	7223-0-3-903-XX	7223-0-4-903-XX
	4000 K	7610 lm	2280	52 W	57 W	40 lm/W	7223-0-3-906-XX	7223-0-4-906-XX

*for DALI option please consult your sales representative

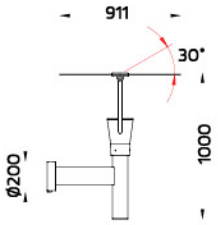
Light Distribution



52 W 3000 K

BLAZE – Wall Light

IP65 IK 08/07

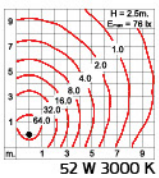


A++

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	2700 K	7110 lm	2130	52 W	57 W	37 lm/W	7623-0-3-507-XX	7623-0-4-507-XX
	3000 K	7420 lm	2220	52 W	57 W	38 lm/W	7623-0-3-903-XX	7623-0-4-903-XX
	4000 K	7610 lm	2280	52 W	57 W	40 lm/W	7623-0-3-906-XX	7623-0-4-906-XX

*for DALI option please consult your sales representative

Light Distribution



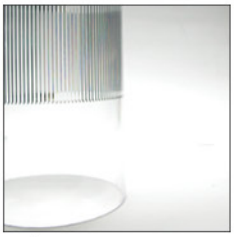
52 W 3000 K

Unilamp

RAY

RAY

RAY is a family of louvered large wall mount and pole-top luminaire with symmetrical light distribution. It is designed to work with LED in combination with an unique 250° wide spread lens. Available with the choices of three different color temperatures from 2700K, 3000K or 4000K in high color consistency and remarkable color rendering index. The internal glare suppression louver improves the lighting quality by limiting the upward light emission. Polycarbonate lens cover protects the lamp compartment from vandalism.
RAY is generally installed in the walkways, gardens, parks, commercial areas and open spaces to provide the general lighting from mid-high level. The recommended mounting height is between 3 – 4 meters above the ground. Available as an option are Aluminium Poles, Galvanized steel poles and anchorage unit for concrete foundations.



High impact resistant PC cover.

Glare suppression louver.

Wall light version supplied with detachable connector.

Powerful COB Led.

High efficiency lens.

Qualified components.

RAY

Specification

- Designed, Manufactured and tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium and Extruded Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Polycarbonate protective cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- Anodized aluminium louvers.
- GFR PA6.6 Terminal block.
- Weather proof grommet (Wall Light) or M20 cable gland (PoleLight).
- Pole light pre-wired with outdoor cable.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Accessories

Anchor Bolt Kit for Aluminium Pole
Ordering code : 9-2020-00

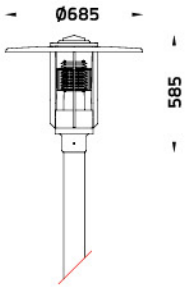
Anchor Bolt Kit for Galvanized Steel Pole (for Ø 102mm.)
Ordering code : 9-2023-00

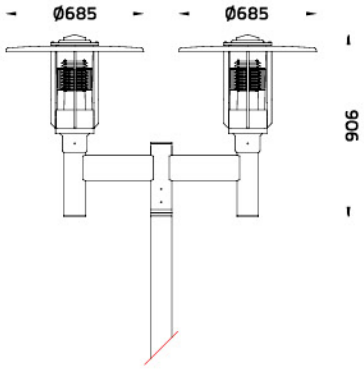
Extruded Aluminium Pole
Ø 105mm.
(Please see detail on page 710 & 712)

Gavalnized Steel Pole
Ø 102mm.
(Please see detail on page 714 & 715)

RAY – Pole Top Light

IP65 IK 09 09





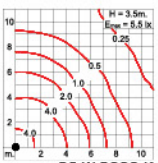
A++

RAY Pole light is also available in double-sided.

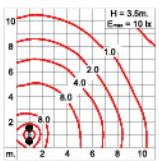
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	2700 K	4590 lm	1640 lm	36 W	39 W	42 lm/W	7201-0-3-505-XX	-
	3000 K	4790 lm	1720 lm	36 W	39 W	44 lm/W	7201-0-3-902-XX	-
	4000 K	4920 lm	1760 lm	36 W	39 W	45 lm/W	7201-0-3-905-XX	-
	2700 K	2x4590 lm	3280 lm	2x36 W	78 W	42 lm/W	7233-0-3-505-XX	-
	3000 K	2x4790 lm	3440 lm	2x36 W	78 W	44 lm/W	7233-0-3-902-XX	-
	4000 K	2x4920 lm	3520 lm	2x36 W	78 W	45 lm/W	7233-0-3-905-XX	-

*for DALI option please consult your sales representative

Light Distribution



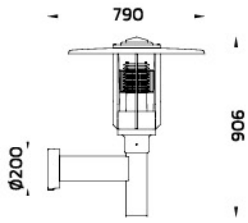
36 W 3000 K



2x36 W 3000 K

RAY – Wall light

IP65 IK 09 09

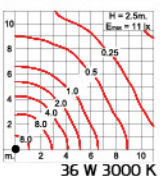


A++

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	2700 K	4590 lm	1640 lm	36 W	39 W	42 lm/W	7601-0-3-505-XX	-
	3000 K	4790 lm	1720 lm	36 W	39 W	44 lm/W	7601-0-3-902-XX	-
	4000 K	4920 lm	1760 lm	36 W	39 W	45 lm/W	7601-0-3-905-XX	-

*for DALI option please consult your sales representative

Light Distribution



36 W 3000 K

Unilamp

EPSYLON

EPSYLON

EPSYLON is the family of pole top and wall mount luminaires with unshielded symmetrical distribution. The recommended mounting height is between 3 – 5 meters. High quality PMMA material is used to avoid discolouration of the diffuser. **EPSYLON** gives a broad spread light distribution with low glare. This luminaire is generally used to illuminate gardens, parks, pedestrian, squares and open spaces. It is assembled with high brightness LEDs. Available as an option are Aluminium Poles, Galvanized steel poles and anchorage unit for concrete foundations.

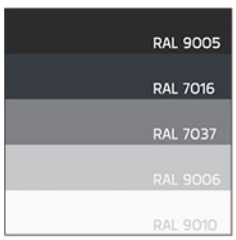
High quality Led module.

Qualified components.

Board spread light distribution.

Wall light version supplied with detachable connector.

Coated with Nano Ceramic.



Available in 5 colors.

EPSYLON

Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium and Spun Aaluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Clear PMMA diffuser.
- Post-cured silicone gasket.
- High quality LED module and driver.
- GFR PA6.6 Terminal block.
- M20 cable gland or TPE grommet.
- Pole light pre-wired with outdoor cable.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Accessories

Anchor Bolt Kit for Aluminium Pole
Ordering code : 9-2020-00

Anchor Bolt Kit for Galvanized Steel Pole (for Ø 102mm.)
Ordering code : 9-2023-00

Extruded Aluminium Pole
Ø 105mm.
(Please see detail on page 711 & 712)

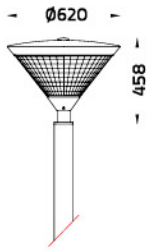
Gavalnized Steel Pole
Ø 102mm.
(Please see detail on page 715)

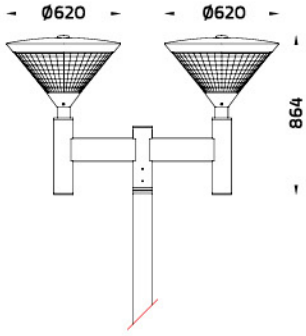
EPSYLON – Pole Top Light

IP54 IK 08 06

A++

Double-sided version.

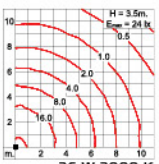




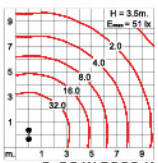
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	3610 lm	2780 lm	26 W	29 W	95 lm/W	7210-0-3-875-XX	-
	4000 K	3800 lm	2920 lm	26 W	29 W	100 lm/W	7210-0-3-876-XX	-
	3000 K	2x3610 lm	5560 lm	2x26 W	58 W	95 lm/W	7236-0-3-875-XX	-
	4000 K	2x3800 lm	5840 lm	2x26 W	58 W	100 lm/W	7236-0-3-876-XX	-

*for DALI option please consult your sales representative

Light Distribution



26 W 3000 K

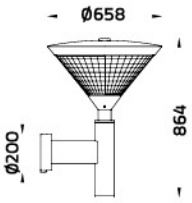


2x26 W 3000 K

EPSYLON – Wall light

IP54 IK 08/06

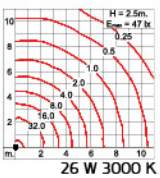
A++



	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	3000 K	3610 lm	2780 lm	26 W	29 W	95 lm/W	7610–0–3–875–XX	–
	4000 K	3800 lm	2920 lm	26 W	29 W	100 lm/W	7610–0–3–876–XX	–

*for DALI option please consult your sales representative

Light Distribution



26 W 3000 K

Unilamp

NeoPLACE

NeoPLACE

NeoPLACE is a family of large wall light and pole-top luminaires with symmetrical low glare indirect light distribution. The recommended mounting height is between 3 – 5 meters It is available in LED light source in 2 different color temperature 3000K and 4000K with 1-10V dimming option. **NeoPLACE** is suitable wherever glare control is preferred and is a perfect alternative to replace old style cone-shaped conventional luminaires. It is suitable to illuminate parking lots, public parks, pedestrian and open spaces. Available as an option are Aluminium Poles, Galvanized steel poles and anchorage unit for concrete foundations.

Vandal resistant PC cover.

High quality Led.

Qualified components.

Armor shield coating.

NeoPLACE

Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium and Extruded Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Polycarbonate diffuser.
- Post-cured silicone gasket.
- High quality LED module and driver.
- Anodized aluminium reflector.
- GFR PA6.6 Terminal block.
- Weather proof grommet (Wall Light) or M20 cable gland (Pole Light).
- Pole light pre-wired with outdoor cable.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Accessories

Anchor Bolt Kit for Aluminium Pole
Ordering code : 9-2020-00

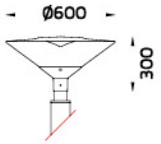
Anchor Bolt Kit for Galvanized Steel Pole (for Ø 102mm.)
Ordering code : 9-2023-00

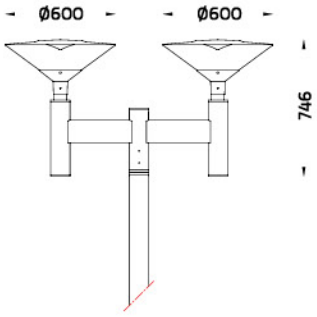
Extruded Aluminium Pole
Ø 105mm.
(Please see detail on page 711 & 712)

Gavalnized Steel Pole
Ø 102mm.
(Please see detail on page 715)

NEOPLACE – Pole Top Light

IP65 IK 08/08



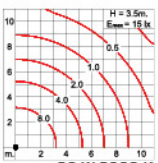


A++

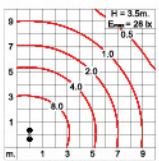
NeoPLACE Pole light is also available in double-sided.

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	3360 lm	1980 lm	28 W	30 W	66 lm/W	7220-0-3-829-XX	7220-0-4-829-XX
	4000 K	3580 lm	2110 lm	28 W	30 W	70 lm/W	7220-0-3-830-XX	7220-0-4-830-XX
	3000 K	2x3360 lm	3960 lm	2x28 W	60 W	66 lm/W	7230-0-3-829-XX	7230-0-4-829-XX
	4000 K	2x3580 lm	4220 lm	2x28 W	60 W	70 lm/W	7230-0-3-830-XX	7230-0-4-830-XX

Light Distribution



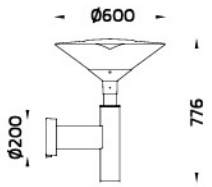
28 W 3000 K



2x28 W 3000 K

NEOPLACE – Wall light

IP65 IK 08/08

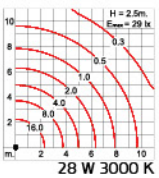


A++

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	3000 K	3360 lm	1980 lm	28 W	30 W	66 lm/W	7620-0-3-829-XX	7620-0-4-829-XX
	4000 K	3580 lm	2110 lm	28 W	30 W	70 lm/W	7620-0-3-830-XX	7620-0-4-830-XX

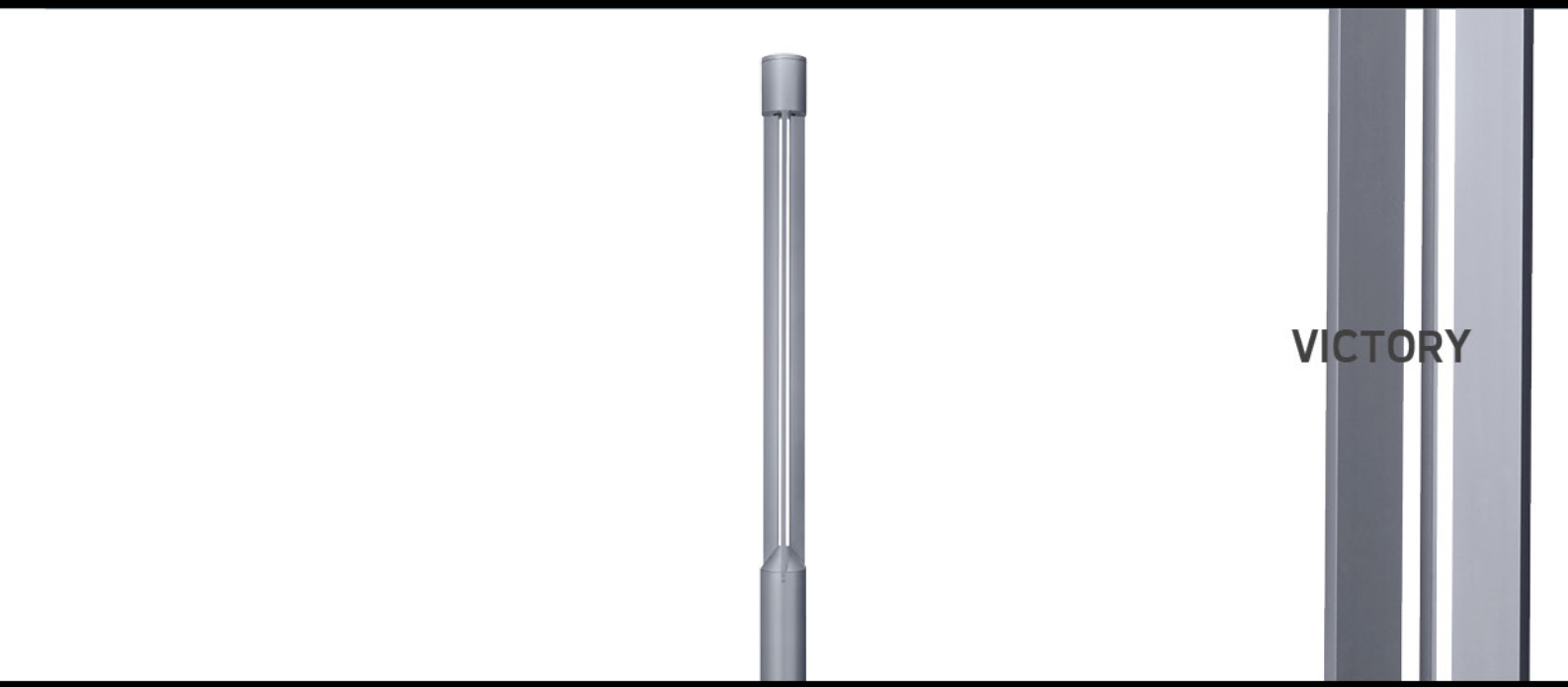
*for DALI option please consult your sales representative

Light Distribution



28 W 3000 K

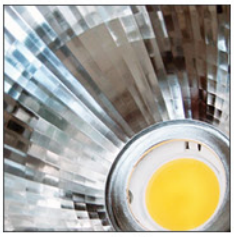
Unilamp


VICTORY

VICTORY

VICTORY Architecturally designed light tower with a comfortable light output and low glare. A high performance aluminium reflector delivers a symmetrical downward light distribution in a distinctive pattern. Operated with COB LED light source in 2700K, 3000K or 4000K with three SDCM. Made of impact resistant aluminium, coated with Nano ceramic film and double layer paint. It is ideally for walkways, parks, commercial areas and open spaces to give guidance to people and vehicles during the night. **VICTORY** is an interesting addition to modern landscape.

Eye catching architectural element.



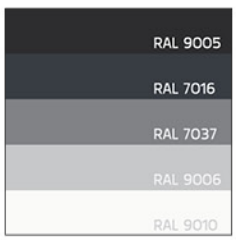
Computer aided design reflector.

No light spill above horizontal line.

Weather proof silicone gasket.

Coated with Nano Ceramic.

Impact resistant aluminium body.



Available in 5 colors.

Armor shield coating.

VICTORY

Specification

- Designed, Manufactured and tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- Cast Aluminium and Extruded Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- Anodized aluminium reflector.
- GFR PA6.6 Terminal block.
- Pre-wired with outdoor cable.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

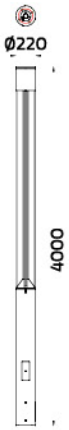
Accessories

Anchor bolt kit.
Ordering code: 9-2026-00

VICTORY Light Column

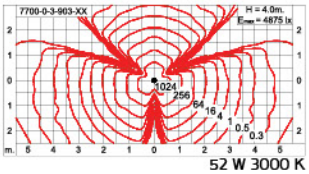
IP65 IK 10/07

A++



	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	2700 K	7110 lm	3550 lm	52 W	56 W	63 lm/W	7700-0-3-507-XX	7700-0-4-507-XX
	3000 K	7420 lm	3710 lm	52 W	56 W	66 lm/W	7700-0-3-903-XX	7700-0-4-903-XX
	4000 K	7610 lm	3800 lm	52 W	56 W	67 lm/W	7700-0-3-906-XX	7700-0-4-906-XX

Light Distribution



52 W 3000 K

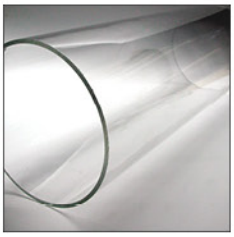
Unilamp

STICK

STICK

STICK is a family of cylindrical-shaped light column and wall luminaire with symmetrical light distribution. It is designed to work with LED in combination with an unique 250° wide spread lens. Available with the choices of three different color temperatures from 2700K, 3000K or 4000K in high color consistency and remarkable color rendering index. The internal glare suppression louver improves the lighting quality by limiting the upward light emission. Discoloration of the diffuser is avoided by using PMMA UV stabilized material and the light output is maintained throughout its life time.

STICK is generally installed in the walkways, gardens, parks, commercial areas and open spaces to provide the general lighting from mid-high level. The recommended mounting height is between 3 – 4 meters above the ground. Available as an option are Aluminium Poles, Galvanized steel poles and anchorage unit for concrete foundations.



Anti-aging PMMA cover.

Glare suppression louver.

Wall light version supplied with detachable connector.

Powerful COB Led.

High efficiency lens.

Qualified components.

Specification

- Designed, Manufactured and tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium and Extruded Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- PMMA protective cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- Anodized aluminium louvers.
- GFR PA6.6 Terminal block.
- Weather proof grommet.
- Pole light pre-wired with outdoor cable.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Accessories

Anchor Bolt Kit.
Ordering code: 0278-0-9-000-00

STICK Louver – Light Column

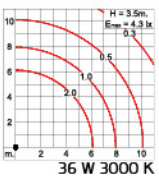
IP65 IK 09/07

A++

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	2700 K	4590 lm	1130 lm	36 W	40 W	28 lm/W	7207-0-3-505-XX	–
	3000 K	4790 lm	1180 lm	36 W	40 W	29 lm/W	7207-0-3-902-XX	–
	4000 K	4920 lm	1210 lm	36 W	40 W	30 lm/W	7207-0-3-905-XX	–

*for DALI option please consult your sales representative

Light Distribution

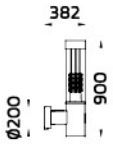


36 W 3000 K

STICK Louver – Wall light

IP65 IK 09/07

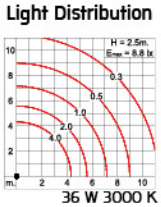
A++



Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On–Off	*1–10V*
2700 K	4590 lm	1130 lm	36 W	40 W	28 lm/W	7607–0–3–505–XX	–
3000 K	4790 lm	1180 lm	36 W	40 W	29 lm/W	7607–0–3–902–XX	–
4000 K	4920 lm	1210 lm	36 W	40 W	30 lm/W	7607–0–3–905–XX	–

*for DALI option please consult your sales representative

Light Distribution



36 W 3000 K

Unilamp

PILLAR

PILLAR

PILLAR is a cylindrical shaped light column with unshielded and diffused symmetrical light distribution. It is utilizing multiple LED with integrated constant current driver and surge protection device. Discoloration of the diffuser is avoided by using PMMA UV stabilized material and the light output is maintained throughout its life time. The simple but effective shape of **PILLAR** does not clash with surrounding structures in modern architectural spaces. The standard height of this luminaire is presented in this catalogue; however, it can be customized according to specific requirement. An anchorage unit is available as an accessory.

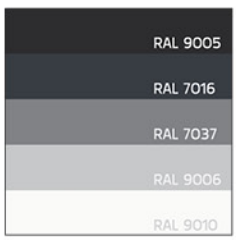
Anti-aging PMMA cover.

Corrosion resistant Aluminium body.

High quality Led module.

IP67 dimmable driver.

Coated with Nano-Ceramic film.



Available in 5 colors.

PILLAR

Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- Cast Aluminium and Extruded Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- PMMA opal diffuser.
- Post-cured silicone gasket.
- High quality LED module and driver.
- GFR PA6.6 Terminal block.
- Weather proof TPE grommet.
- Pre-wired with outdoor cable.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Accessories

Anchor bolt kit.
Ordering code: 0278-0-9-000-00

PILLAR/1

IP65 IK 10/07

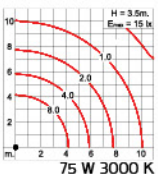
A++

Lamp Type	L
LED 75W	4080

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	9010 lm	5720 lm	75 W	80 W	71 lm/W	7219-0-3-937-XX	-
	4000 K	9510 lm	6020 lm	75 W	80 W	75 lm/W	7219-0-3-986-XX	-

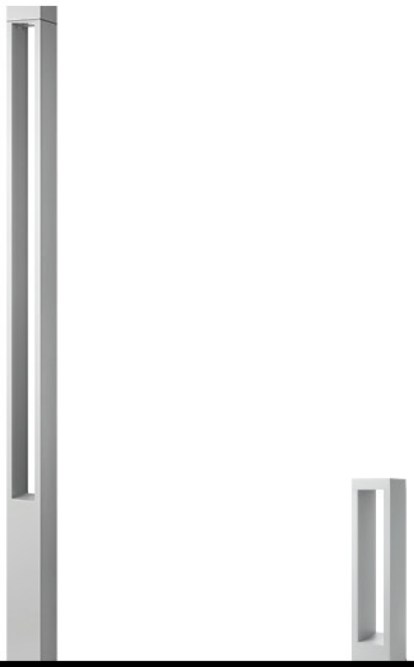
*for DALI option please consult your sales representative

Light Distribution



75 W 3000 K

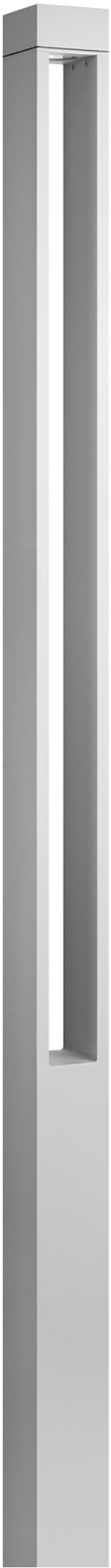
Unilamp



NEW
Release

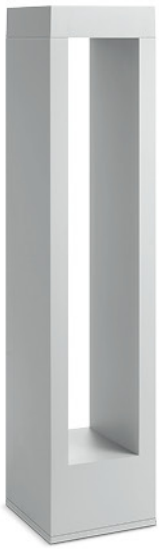
BICEPS

BICEPS

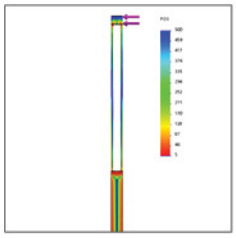


NEW Release

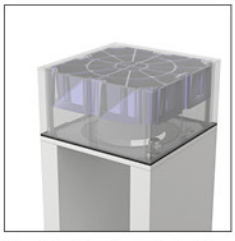
BICEPS is a light tower and bollard designed for architectural spaces with functional low glare light output. It is generally installed in walkways, parks, commercial areas and open spaces to give direction to people and vehicles. It is designed and built for a high power COB LED utilizing top performance vacuum metalized reflector. It generates an even symmetrical downward light distribution and emits no upward light in accordance to light pollution regulation. Manufactured in impact resistant welded aluminium structure and maximized thermal management through integrated heat sink. Available in five colors and coated with Nano Ceramic film and super durable powder. **BICEPS** is a bold statement to a modern landscape.



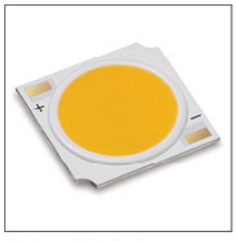
Clear and clean-cut line.



Strong construction.

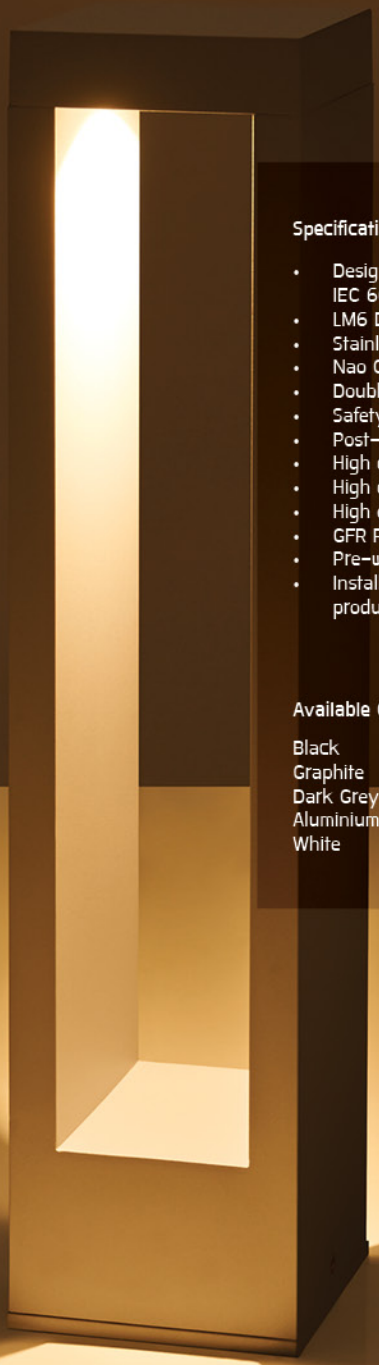


Excellent heat sink design



High quality Led.

BICEPS



Specification

- Designed, Manufactured and tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium and Extruded Aluminium body.
- Stainless steel screws.
- Nao Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED moduel and driver.
- High quality AC COB model (Bollard).
- High efficiency reflector.
- GFR PA6.6 Terminal block.
- Pre-wired with outdoor cable.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Accessories

Anchor Bolt Kit for Bollard.
Ordering code: 9-2013-00

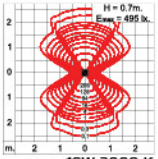
Anchor Bolt Kit for Light column.
Ordering code:
0279-0-9-000-00

BICEPS Bollard

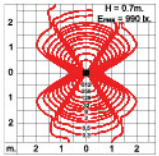
IP65 IK 08/07

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	900 lm	810 lm	10 W	10 W	81 lm/W	7179-0-3-869-XX	-
	4000 K	950 lm	850 lm	10 W	10 W	85 lm/W	7179-0-3-870-XX	-
	3000 K	1800 lm	1620 lm	20 W	20 W	81 lm/W	7179-0-3-873-XX	-
	4000 K	1900 lm	1700 lm	20 W	20 W	85 lm/W	7179-0-3-874-XX	-

Light Distribution



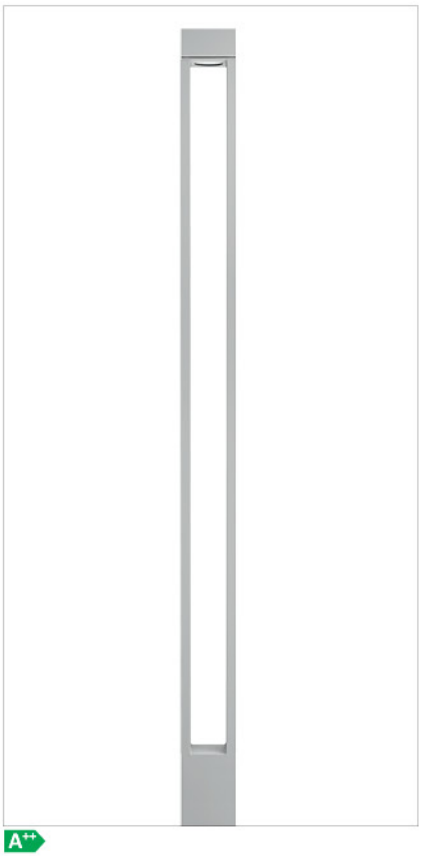
10W 3000 K



20W 3000 K

BICEPS Light Column

IP65 IK 10/07



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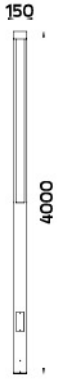
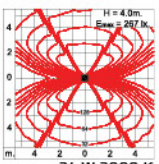
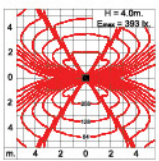


	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	2700 K	4840 lm	3190 lm	34 W	38 W	83 lm/W	7710-0-3-508-XX	-
	3000 K	5040 lm	3320 lm	34 W	38 W	87 lm/W	7710-0-3-888-XX	-
	4000 K	5180 lm	3420 lm	34 W	38 W	90 lm/W	7710-0-3-892-XX	-
	2700 K	7110 lm	4690 lm	52 W	56 W	83 lm/W	7710-0-3-507-XX	7710-0-4-507-XX
	3000 K	7420 lm	4900 lm	52 W	56 W	87 lm/W	7710-0-3-903-XX	7710-0-4-903-XX
	4000 K	7610 lm	5020 lm	52 W	56 W	89 lm/W	7710-0-3-906-XX	7710-0-4-906-XX

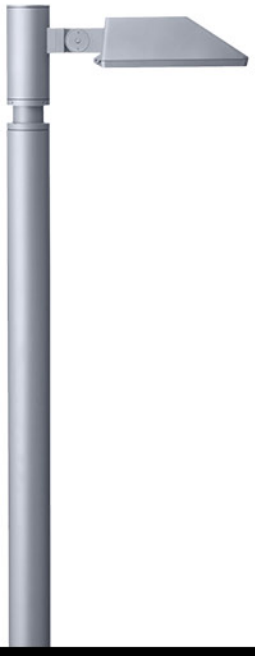
*for DALI option please consult your sales representative

Light Distribution


34 W 3000 K

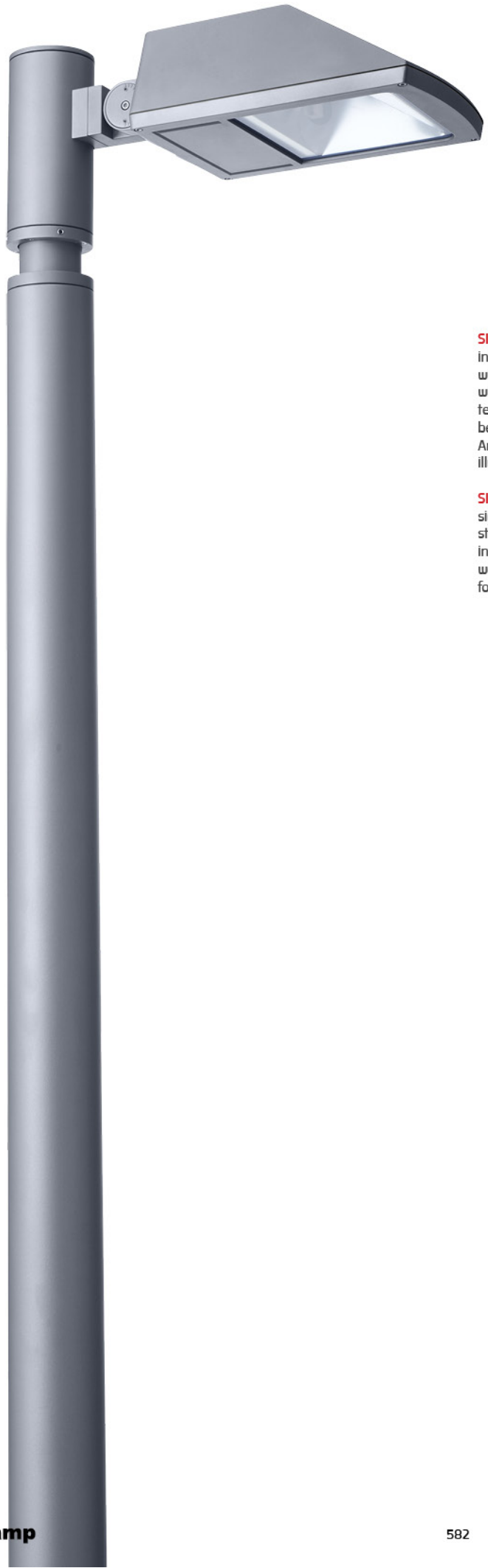

52 W 3000 K

Unilamp



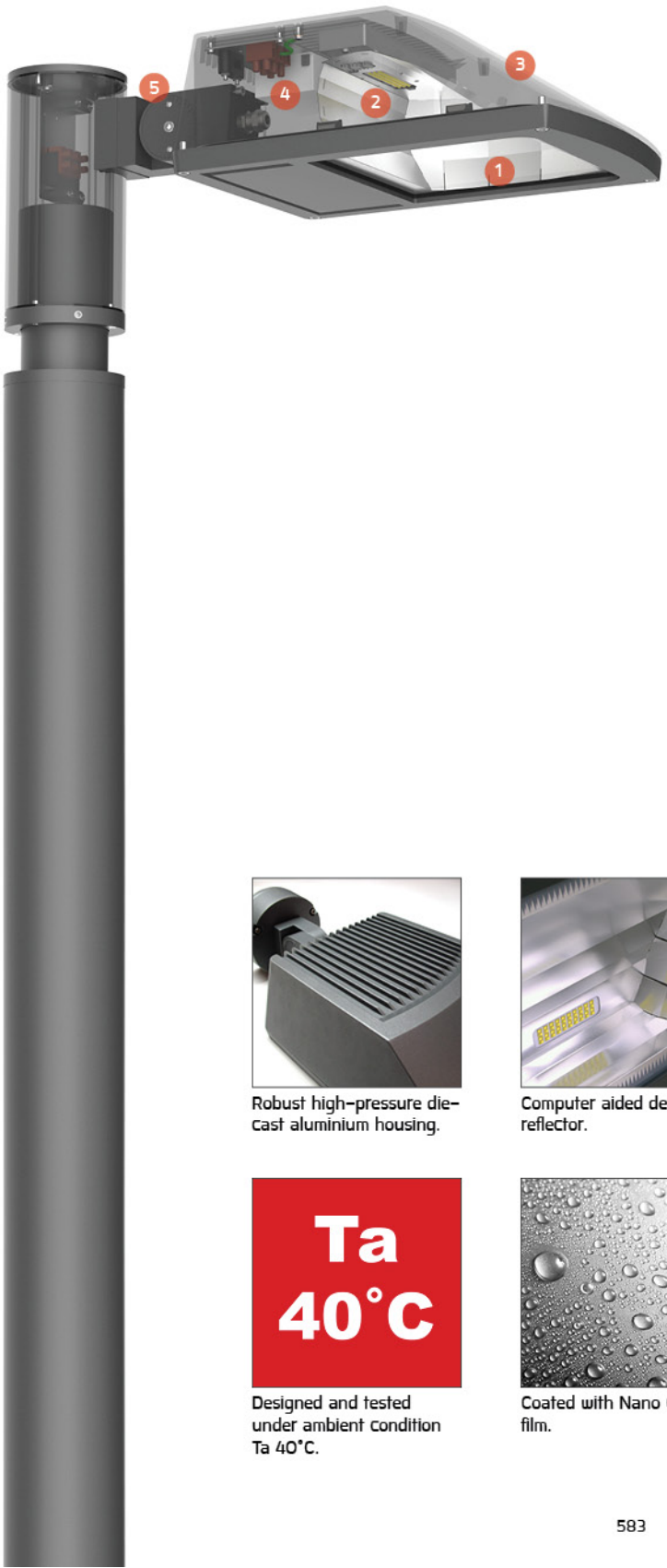
SIROCCO

SIROCCO



SIROCCO is a solid outdoor luminaire for public space illumination. Avialable in two types of light distribution, asymmetric and bi-symmetric and equipped with a high power LED with high CRI in 3000K or 4000K color temperature with 3 SDCM. Reflectors for **SIROCCO** have been engineered utilizing the latest technology and software for maximum performance. The heat management has been delicately designed and tested under ambient thermal condition Ta 40°C. An integrated scale allows precise aiming of the luminaire to achieve the desired illumination level.

SIROCCO is suitable to illuminate medium to large size objects or areas such as signage boards, building facades, parking lots, public parks, pedestrian, small streets and squares. Available as an option are a range of mounting accessories including ground mount base, pole top mount, and wall/pole mounting arm as well as Aluminium Poles, Galvanized steel poles and anchorage unit for concrete foundations.



SIROCCO

1. **Reflector**
   High reflection CNC formed Miro reflector.

2. **LED**
   Array of High power LED from world renowned manufacturer. Module attached directly to the body for fastest heat transfer. 3000K and 4000K CRI>80 3-Step SDCM.

3. **Body Housing**
   Enhanced LM6 Die-Cast Alumnium housing with 16-step coating process including Nano Ceramic film. Low copper content <0.1%

4. **Driver**
   High quality Dimmable Driver (1-10V) in constant current. Conform to applicable safety standards and electromagnetic compatibility.

5. **Aiming**
   Graduated scale with locking mechanism. Adjustable with Hexagon tool.

Robust high-pressure die-cast aluminium housing.

Computer aided design reflector.

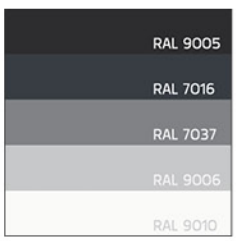
Graduated scale for accurate aimming.

ZHAGA compliance LED module.

Designed and tested under ambient condition Ta 40°C.

Coated with Nano Ceramic film.

Double layer coating.



Available in 5 colors.

SIROCCO

Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- Anodized aluminium reflector.
- Adjustable optic.
- GFR PA6.6 Terminal block.
- M16 cable gland or weather proof grommet.
- Pole light and flood light pre-wired with outdoor cable.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Accessories

Anchor bolt kit for concrete foundation installing. (Please see detail on page 712 & 715)

Extruded Aluminium Pole (Please see detail on page 712)

Galvanized Steel Pole (Please see detail on page 715)

Mounting base (for flood light) for ground mounting. Ordering code: 9-0200-XX / 0395-0-9-000-XX (for dimming interface (1-10V) or Dali)

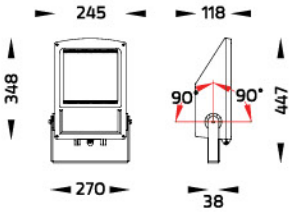
Pole top mount adaptor (for flood light) - spigot size 76mm. Ordering code: 9-0212-XX

Wall / Pole mounting arm (for flood light). Ordering code: 9-0220-XX

Small SIROCCO – Flood Light / Asymmetric

IP65 IK 08/07

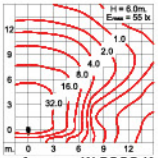
A++ A+



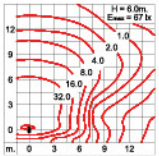
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
Asym	3000 K	6490 lm	4740 lm	55 W	59 W	80 lm/W	2240-1-3-929-XX	-
	4000 K	6950 lm	5080 lm	55 W	59 W	86 lm/W	2240-1-3-907-XX	-
Asym	3000 K	7900 lm	5780 lm	73 W	77 W	75 lm/W	2240-1-3-859-XX	2240-1-4-859-XX
	4000 K	8560 lm	6260 lm	73 W	77 W	81 lm/W	2240-1-3-860-XX	2240-1-4-860-XX

*for DALI option please consult your sales representative

Light Distribution



Asym 55W 3000 K

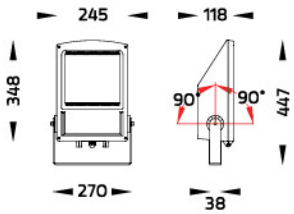


Asym 73W 3000 K

Small SIROCCO – Flood Light / Bi-symmetric

IP65 IK 08/07

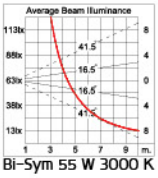
A++ A+



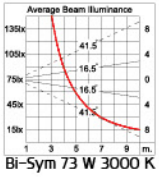
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
Bi-Sym	3000 K	6490 lm	5210 lm	55 W	59 W	88 lm/W	2241-7-3-929-XX	-
	4000 K	6950 lm	5580 lm	55 W	59 W	94 lm/W	2241-7-3-907-XX	-
Bi-Sym	3000 K	7900 lm	6350 lm	73 W	77 W	82 lm/W	2241-7-3-859-XX	2241-7-4-859-XX
	4000 K	8560 lm	6880 lm	73 W	77 W	89 lm/W	2241-7-3-860-XX	2241-7-4-860-XX

*for DALI option please consult your sales representative

Light Distribution



Bi-Sym 55 W 3000 K

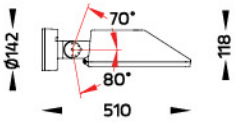


Bi-Sym 73 W 3000 K

Unilamp

Small SIROCCO – Surface Washer / Asymmetric

IP65 IK 08/07

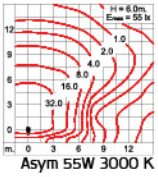


A++ A+

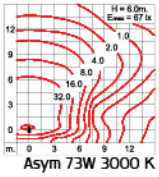
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
Asym	3000 K	6490 lm	4740 lm	55 W	59 W	80 lm/W	2340-1-3-929-XX	-
	4000 K	6950 lm	5080 lm	55 W	59 W	86 lm/W	2340-1-3-907-XX	-
Asym	3000 K	7900 lm	5780 lm	73 W	77 W	75 lm/W	2340-1-3-859-XX	2340-1-4-859-XX
	4000 K	8560 lm	6260 lm	73 W	77 W	81 lm/W	2340-1-3-860-XX	2340-1-4-860-XX

*for DALI option please consult your sales representative

Light Distribution



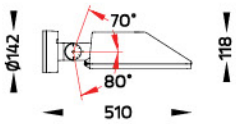
Asym 55W 3000 K



Asym 73W 3000 K

Small SIROCCO – Surface Washer / Bi-Symmetric

IP65 IK 08/07

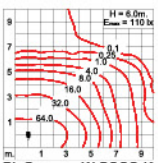


A++ A+

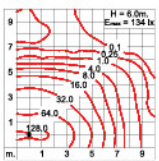
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
Bi-Sym	3000 K	6490 lm	5210 lm	55 W	59 W	88 lm/W	2341-7-3-929-XX	-
	4000 K	6950 lm	5580 lm	55 W	59 W	94 lm/W	2341-7-3-907-XX	-
Bi-Sym	3000 K	7900 lm	6350 lm	73 W	77 W	82 lm/W	2341-7-3-859-XX	2341-7-4-859-XX
	4000 K	8560 lm	6880 lm	73 W	77 W	89 lm/W	2341-7-3-860-XX	2341-7-4-860-XX

*for DALI option please consult your sales representative

Light Distribution



Bi-Sym 55 W 3000 K

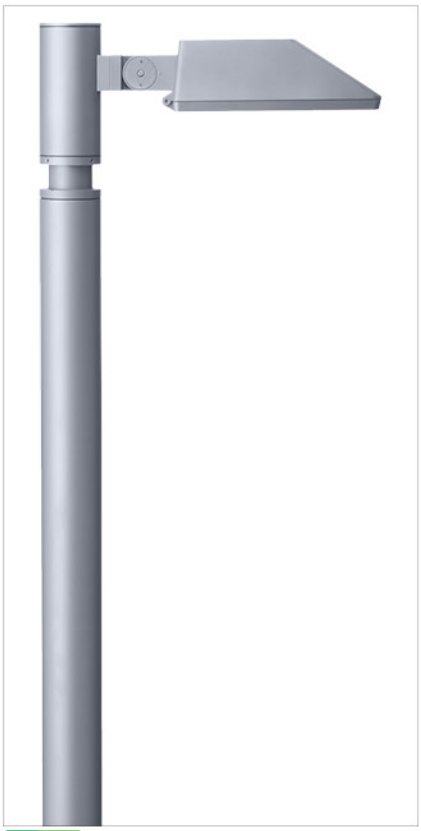


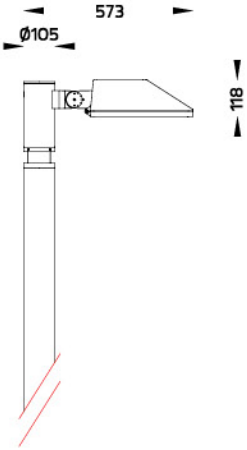
Bi-Sym 73 W 3000 K

Unilamp

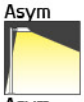
Small SIROCCO – Area Light / Asymmetric Single Sided

IP65 IK 08/07



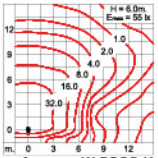


Small SIROCCO Area light Asymmetric is also available in double-sided. For double-sided version: please replace the first 4 digit of ordering code with 7242.

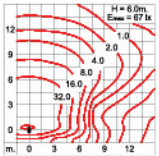
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
Asym 	3000 K	6490 lm	4740 lm	55 W	59 W	80 lm/W	7240-1-3-929-XX	-
	4000 K	6950 lm	5080 lm	55 W	59 W	86 lm/W	7240-1-3-907-XX	-
Asym	3000 K	7900 lm	5780 lm	73 W	77 W	75 lm/W	7240-1-3-859-XX	7240-1-4-859-XX
	4000 K	8560 lm	6260 lm	73 W	77 W	81 lm/W	7240-1-3-860-XX	7240-1-4-860-XX

*for DALI option please consult your sales representative

Light Distribution



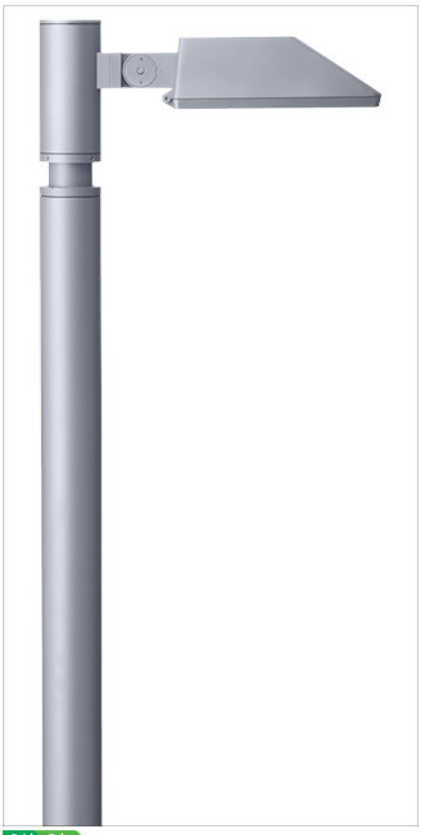
Asym 55W 3000 K

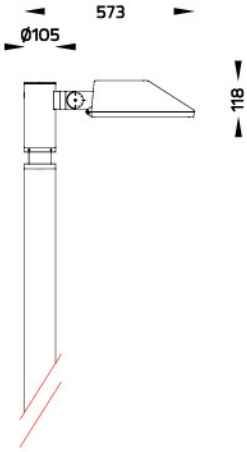


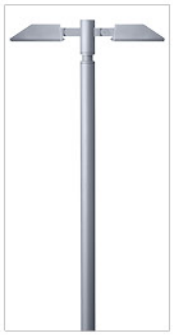
Asym 73W 3000 K

Small SIROCCO – Area Light / Bi-Symmetric Single Sided

IP65 IK 08/07







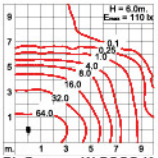
A++ A+

Small SIROCCO Area light Bi-Symmetric is also available in double-sided.
For double-sided version: please replace the first 4 digit of ordering code with 7243.

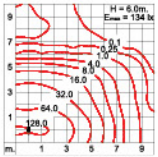
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
Bi-Sym	3000 K	6490 lm	5210 lm	55 W	59 W	88 lm/W	7241-7-3-929-XX	-
	4000 K	6950 lm	5580 lm	55 W	59 W	94 lm/W	7241-7-3-907-XX	-
Bi-Sym	3000 K	7900 lm	6350 lm	73 W	77 W	82 lm/W	7241-7-3-859-XX	7241-7-4-859-XX
	4000 K	8560 lm	6880 lm	73 W	77 W	89 lm/W	7241-7-3-860-XX	7241-7-4-860-XX

*for DALI option please consult your sales representative

Light Distribution



Bi-Sym 55 W 3000 K



Bi-Sym 73 W 3000 K

Unilamp

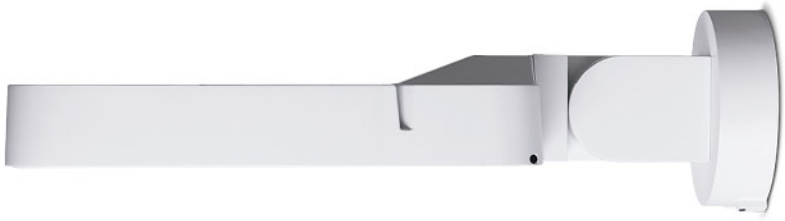
NEW
Release

KRONOS

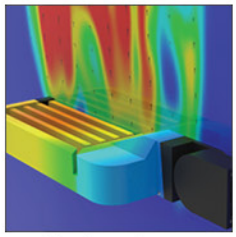
KRONOS

NEW Release

A family of Area Light, Surface Washer and Flood Light in various mounting application **KRONOS** utilizes the latest LED technology from renowned manufacturers with high CRI in 3000K or 4000K. The high quality corrosion resistance aluminium housing is filmed with Nano Ceramic and coated with super durable coating. The heat management has been delicately designed and tested under ambient thermal condition Ta 50°C. A graduated scale provides accurate aiming of the luminaire. **KRONOS** offers various light distribution patterns e.g. Asymmetric Flat Beam (Road Optic) for European, USA and Asian streets regulations, Asymmetric Forward Throw for squares and open spaces, as well as Narrow, Medium, Wide and Elliptical beams for flood and facade lighting.



Robust aluminium body.



Excellent heat dissipation.

Large drainage line.

Accuracy aiming scale.

Prepared with bridging device.

Multiple beam option.

Changeable PCB for future upgrade.

Armor shield coating.

KRONOS

Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- Die Cast Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover with AR coating.
- Post-cured silicone gasket.
- High quality LED module and driver.
- Molded lens from renowned manufacturer.
- Adjustable optic.
- GFR PA6.6 terminal block.
- M20 Cable gland or Weather proof TPE grommet.
- Pole light provided with pre-wired outdoor cable.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Accessories

Anchor Bolt Kit for Galvanized Steel Pole (for Ø114mm. and Ø114/140mm.)
Ordering code: 9-2024-00

Anchor bolt kit. (for KRONOS Area Light Horizontal Entry)
Ordering code: 9-2028-00

Galvanized Steel Pole (Please see detail on page 718 & 719, 722 & 723)

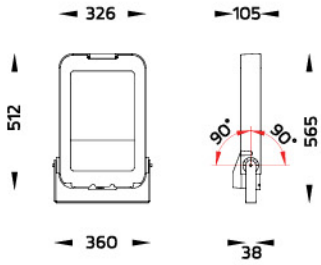
Mounting base (for flood light) for ground mounting.
Ordering code:
9-0200-XX /
0395-0-9-000-XX
(for dimming interface 1-10V or Dali)

Pole top mount adaptor (for flood light) – spigot size 76mm.
Ordering code: 9-0212-XX

Wall / Pole mounting arm (for flood light).
Ordering code: 9-0220-XX

KRONOS – Flood Light / Asymmetric

IP65 IK 10/07

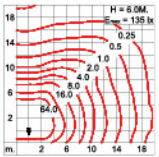


A++

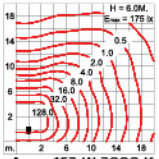
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
Asym	3000 K	14960 lm	11900 lm	114 W	119 W	100 lm/W	2270-1-3-863-XX	-
	4000 K	17380 lm	13820 lm	114 W	119 W	116 lm/W	2270-1-3-864-XX	-
Asym	3000 K	19960 lm	15680 lm	162 W	167 W	93 lm/W	2270-1-3-861-XX	2270-1-4-861-XX
	4000 K	23160 lm	18190 lm	162 W	167 W	108 lm/W	2270-1-3-862-XX	2270-1-4-862-XX

*for DALI option please consult your sales representative

Light Distribution



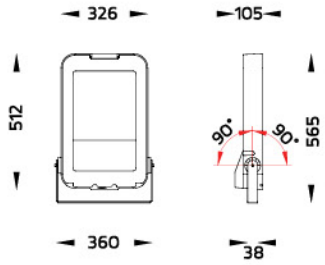
Asym 114 W 3000 K



Asym 162 W 3000 K

KRONOS – Flood Light / Bi-symmetric

IP65 IK 10/07

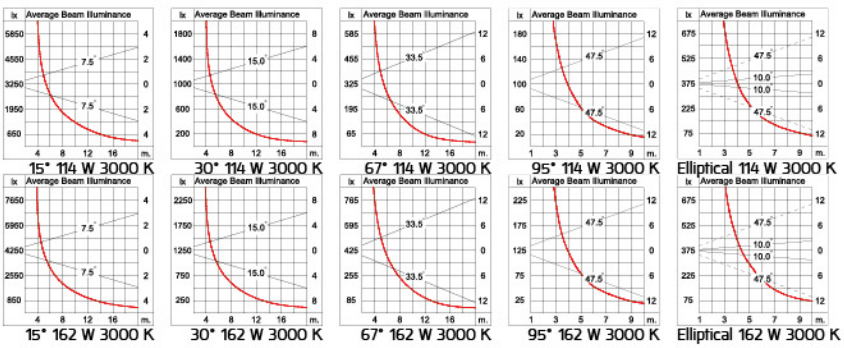


A++

	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
15°	3000 K	14960 lm	13120 lm	114 W	119 W	110 lm/W	2271-5-3-863-XX	-
	4000 K	17380 lm	15240 lm	114 W	119 W	128 lm/W	2271-5-3-864-XX	-
30°	3000 K	14960 lm	12760 lm	114 W	119 W	107 lm/W	2271-6-3-863-XX	-
	4000 K	17380 lm	14820 lm	114 W	119 W	124 lm/W	2271-6-3-864-XX	-
67°	3000 K	14960 lm	12490 lm	114 W	119 W	104 lm/W	2271-7-3-863-XX	-
	4000 K	17380 lm	14510 lm	114 W	119 W	121 lm/W	2271-7-3-864-XX	-
95°	3000 K	14960 lm	11920 lm	114 W	119 W	100 lm/W	2271-2-3-863-XX	-
	4000 K	17380 lm	13840 lm	114 W	119 W	116 lm/W	2271-2-3-864-XX	-
Elliptical	3000 K	14960 lm	12410 lm	114 W	119 W	104 lm/W	2271-3-3-863-XX	-
	4000 K	17380 lm	14410 lm	114 W	119 W	121 lm/W	2271-3-3-864-XX	-
15°	3000 K	19960 lm	17590 lm	162 W	167 W	105 lm/W	2271-5-3-861-XX	2271-5-4-861-XX
	4000 K	23160 lm	20410 lm	162 W	167 W	122 lm/W	2271-5-3-862-XX	2271-5-4-862-XX
30°	3000 K	19960 lm	16940 lm	162 W	167 W	101 lm/W	2271-6-3-861-XX	2271-6-4-861-XX
	4000 K	23160 lm	19650 lm	162 W	167 W	117 lm/W	2271-6-3-862-XX	2271-6-4-862-XX
67°	3000 K	19960 lm	16600 lm	162 W	167 W	99 lm/W	2271-7-3-861-XX	2271-7-4-861-XX
	4000 K	23160 lm	19260 lm	162 W	167 W	115 lm/W	2271-7-3-862-XX	2271-7-4-862-XX
95°	3000 K	19960 lm	15690 lm	162 W	167 W	93 lm/W	2271-2-3-861-XX	2271-2-4-861-XX
	4000 K	23160 lm	18200 lm	162 W	167 W	108 lm/W	2271-2-3-862-XX	2271-2-4-862-XX
Elliptical	3000 K	19960 lm	16320 lm	162 W	167 W	97 lm/W	2271-3-3-861-XX	2271-3-4-861-XX
	4000 K	23160 lm	18930 lm	162 W	167 W	113 lm/W	2271-3-3-862-XX	2271-3-4-862-XX

*for DALI option please consult your sales representative

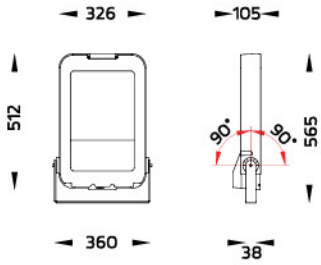
Light Distribution



Unilamp

KRONOS – Flood Light / Road Optic

IP65 IK 10/07

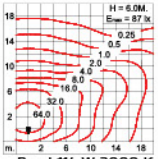


A++

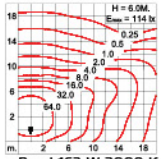
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
Road	3000 K	14960 lm	11100 lm	114 W	119 W	93 lm/W	2272-9-3-863-XX	-
	4000 K	17380 lm	12890 lm	114 W	119 W	108 lm/W	2272-9-3-864-XX	-
Road	3000 K	19960 lm	14450 lm	162 W	167 W	86 lm/W	2272-9-3-861-XX	2272-9-4-861-XX
	4000 K	23160 lm	16760 lm	162 W	167 W	100 lm/W	2272-9-3-862-XX	2272-9-4-862-XX

*for DALI option please consult your sales representative

Light Distribution

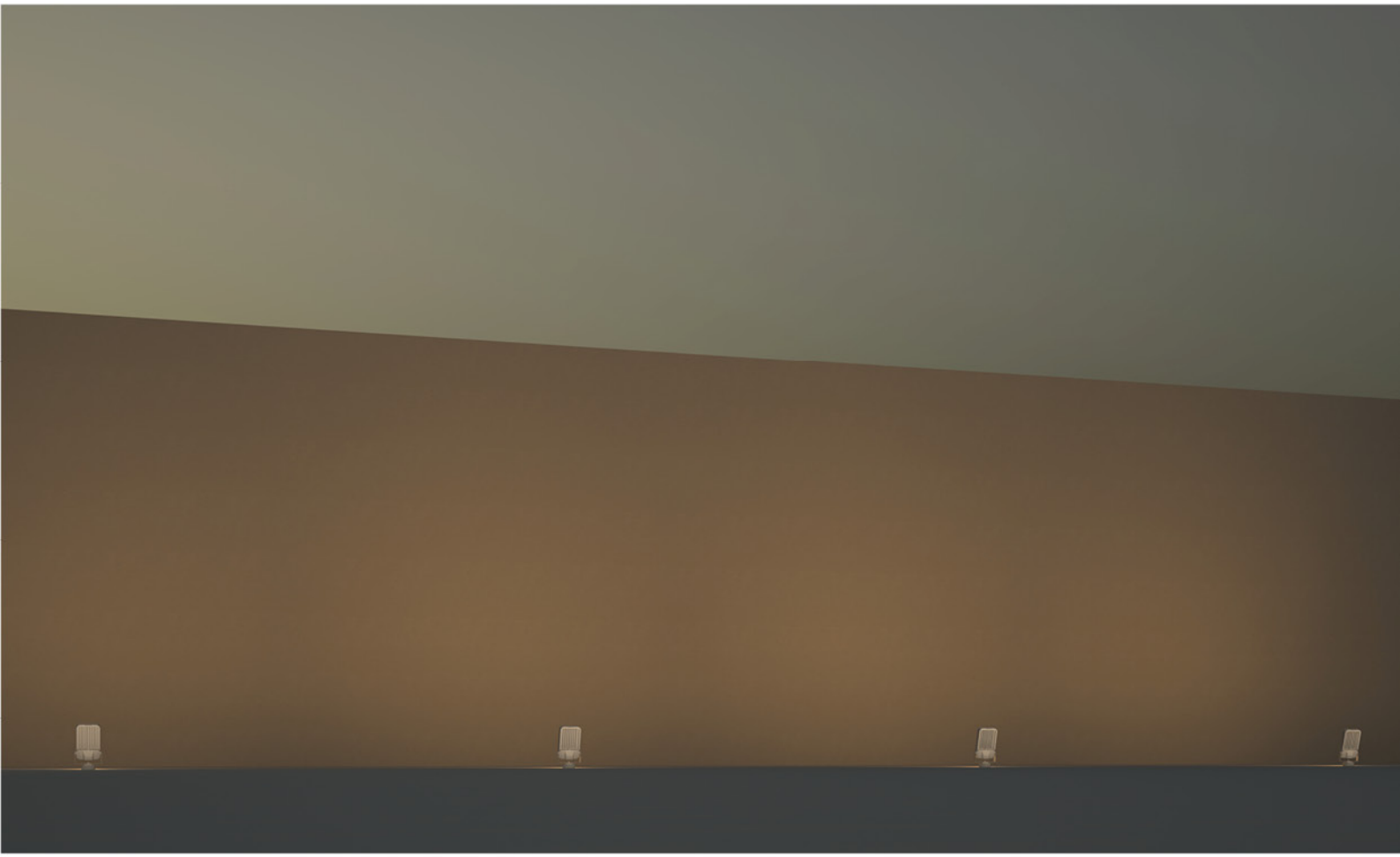


Road 114 W 3000 K



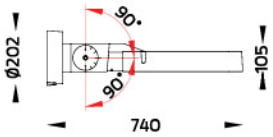
Road 162 W 3000 K

15°
30°
67°
95°

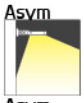
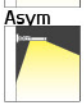


KRONOS – Surface Washer / Asymmetric

IP65 IK 10/07

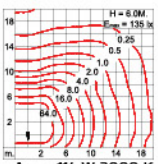


A++

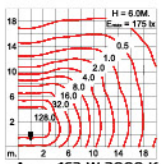
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
Asym 	3000 K	14960 lm	11900 lm	114 W	119 W	100 lm/W	2370-1-3-863-XX	-
	4000 K	17380 lm	13820 lm	114 W	119 W	116 lm/W	2370-1-3-864-XX	-
Asym 	3000 K	19960 lm	15680 lm	162 W	167 W	93 lm/W	2370-1-3-861-XX	2370-1-4-861-XX
	4000 K	23160 lm	18190 lm	162 W	167 W	108 lm/W	2370-1-3-862-XX	2370-1-4-862-XX

*for DALI option please consult your sales representative

Light Distribution



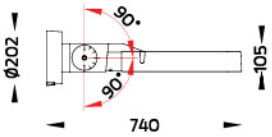
Asym 114 W 3000 K



Asym 162 W 3000 K

KRONOS – Surface Washer / Bi-symmetric

IP65 IK 10/07



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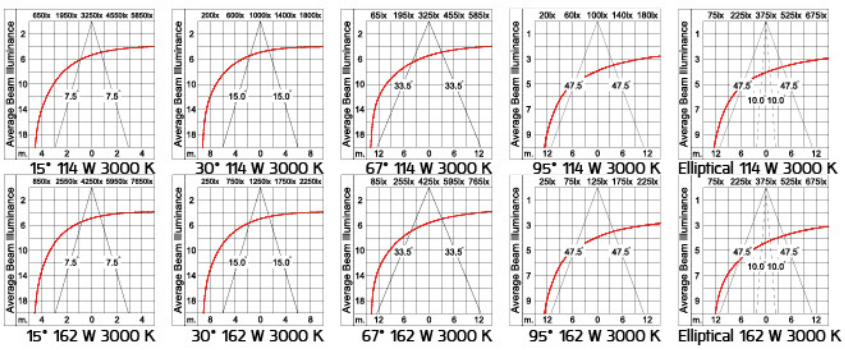
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
15°	3000 K	14960 lm	13120 lm	114 W	119 W	110 lm/W	2371-5-3-863-XX	-
	4000 K	17380 lm	15240 lm	114 W	119 W	128 lm/W	2371-5-3-864-XX	-
30°	3000 K	14960 lm	12760 lm	114 W	119 W	107 lm/W	2371-6-3-863-XX	-
	4000 K	17380 lm	14820 lm	114 W	119 W	124 lm/W	2371-6-3-864-XX	-
67°	3000 K	14960 lm	12490 lm	114 W	119 W	104 lm/W	2371-7-3-863-XX	-
	4000 K	17380 lm	14510 lm	114 W	119 W	121 lm/W	2371-7-3-864-XX	-
95°	3000 K	14960 lm	11920 lm	114 W	119 W	100 lm/W	2371-2-3-863-XX	-
	4000 K	17380 lm	13840 lm	114 W	119 W	116 lm/W	2371-2-3-864-XX	-
Elliptical	3000 K	14960 lm	12410 lm	114 W	119 W	104 lm/W	2371-3-3-863-XX	-
	4000 K	17380 lm	14410 lm	114 W	119 W	121 lm/W	2371-3-3-864-XX	-
15°	3000 K	19960 lm	17590 lm	162 W	167 W	105 lm/W	2371-5-3-861-XX	2371-5-4-861-XX
	4000 K	23160 lm	20410 lm	162 W	167 W	122 lm/W	2371-5-3-862-XX	2371-5-4-862-XX
30°	3000 K	19960 lm	16940 lm	162 W	167 W	101 lm/W	2371-6-3-861-XX	2371-6-4-861-XX
	4000 K	23160 lm	19650 lm	162 W	167 W	117 lm/W	2371-6-3-862-XX	2371-6-4-862-XX
67°	3000 K	19960 lm	16600 lm	162 W	167 W	99 lm/W	2371-7-3-861-XX	2371-7-4-861-XX
	4000 K	23160 lm	19260 lm	162 W	167 W	115 lm/W	2371-7-3-862-XX	2371-7-4-862-XX
95°	3000 K	19960 lm	15690 lm	162 W	167 W	93 lm/W	2371-2-3-861-XX	2371-2-4-861-XX
	4000 K	23160 lm	18200 lm	162 W	167 W	108 lm/W	2371-2-3-862-XX	2371-2-4-862-XX
Elliptical	3000 K	19960 lm	16320 lm	162 W	167 W	97 lm/W	2371-3-3-861-XX	2371-3-4-861-XX
	4000 K	23160 lm	18930 lm	162 W	167 W	113 lm/W	2371-3-3-862-XX	2371-3-4-862-XX

*for DALI option please consult your sales representative

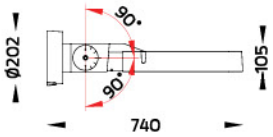
Light Distribution



Unilamp

KRONOS – Surface Washer / Road Optic

IP65 IK 10/07



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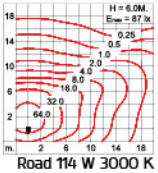
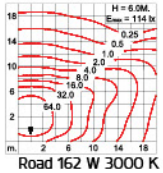
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
Road	3000 K	14960 lm	11100 lm	114 W	119 W	93 lm/W	2372-9-3-863-XX	-
	4000 K	17380 lm	12890 lm	114 W	119 W	108 lm/W	2372-9-3-864-XX	-
Road	3000 K	19960 lm	14450 lm	162 W	167 W	86 lm/W	2372-9-3-861-XX	2372-9-4-861-XX
	4000 K	23160 lm	16760 lm	162 W	167 W	100 lm/W	2372-9-3-862-XX	2372-9-4-862-XX

*for DALI option please consult your sales representative

Light Distribution



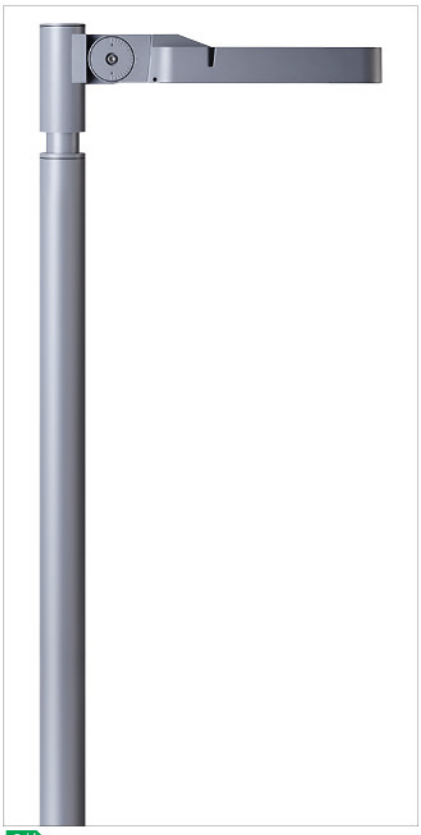
Road 114 W 3000 K

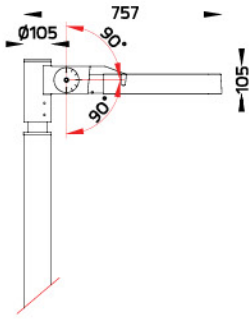


Road 162 W 3000 K

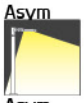
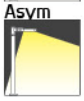
KRONOS – Area Light / Asymmetric Single Sided

IP65 IK 10/07



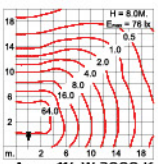


KRONOS Area light Asymmetric is also available in double-sided.
For double-sided version: please replace the first 4 digit of ordering code with 7773.

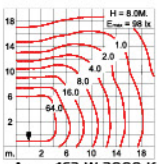
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
Asym 	3000 K	14960 lm	11900 lm	114 W	119 W	100 lm/W	7770-1-3-863-XX	-
	4000 K	17380 lm	13820 lm	114 W	119 W	116 lm/W	7770-1-3-864-XX	-
Asym 	3000 K	19960 lm	15680 lm	162 W	167 W	93 lm/W	7770-1-3-861-XX	7770-1-4-861-XX
	4000 K	23160 lm	18190 lm	162 W	167 W	108 lm/W	7770-1-3-862-XX	7770-1-4-862-XX

*for DALI option please consult your sales representative

Light Distribution



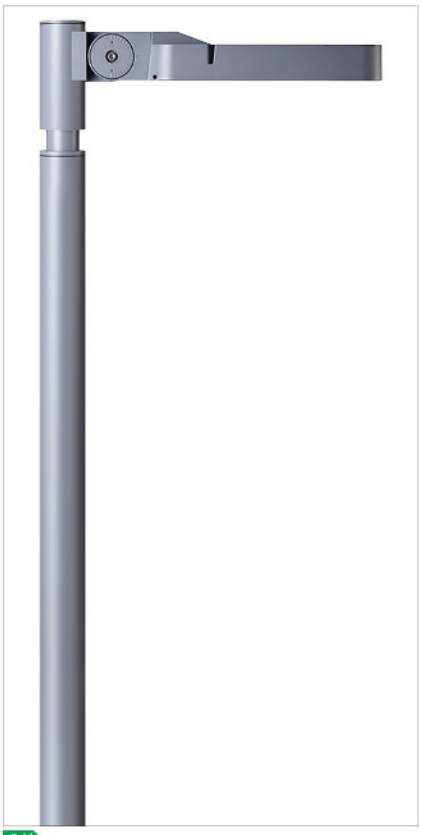
Asym 114 W 3000 K

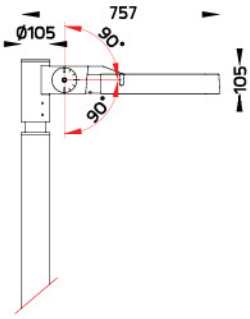


Asym 162 W 3000 K

KRONOS – Area Light / Bi-Symmetric Single Sided

IP65 IK 10/07





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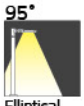
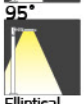
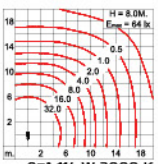
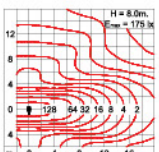
KRONOS Area light Bi-Symmetric is also available in double-sided.
For double-sided version: please replace the first 4 digit of ordering code with 7774.

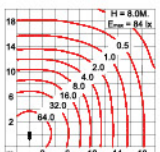
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
95°								
	3000 K	14960 lm	11920 lm	114 W	119 W	100 lm/W	7771-2-3-863-XX	-
	4000 K	17380 lm	13840 lm	114 W	119 W	116 lm/W	7771-2-3-864-XX	-
Elliptical								
	3000 K	14960 lm	12410 lm	114 W	119 W	104 lm/W	7771-3-3-863-XX	-
	4000 K	17380 lm	14410 lm	114 W	119 W	121 lm/W	7771-3-3-864-XX	-
95°								
	3000 K	19960 lm	15690 lm	162 W	167 W	93 lm/W	7771-2-3-861-XX	7771-2-4-861-XX
	4000 K	23160 lm	18200 lm	162 W	167 W	108 lm/W	7771-2-3-862-XX	7771-2-4-862-XX
Elliptical								
	3000 K	19960 lm	16320 lm	162 W	167 W	97 lm/W	7771-3-3-861-XX	7771-3-4-861-XX
	4000 K	23160 lm	18930 lm	162 W	167 W	113 lm/W	7771-3-3-862-XX	7771-3-4-862-XX

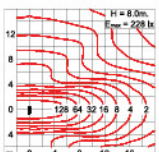
*for DALI option please consult your sales representative

Light Distribution


95° 114 W 3000 K


Elliptical 114 W 3000 K

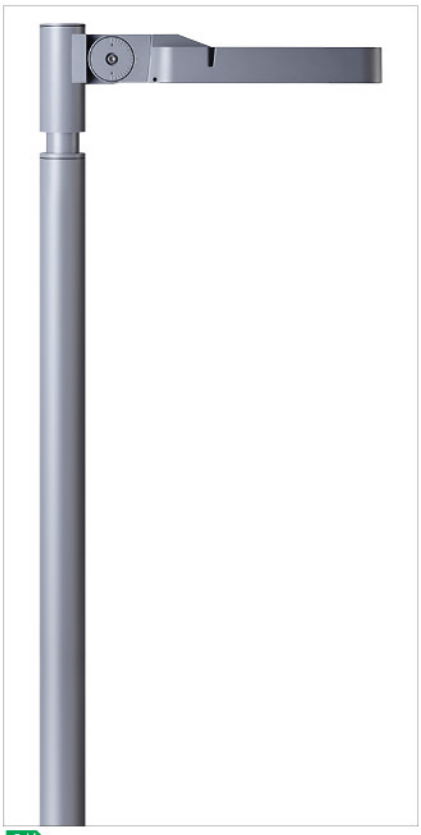

95° 162 W 3000 K

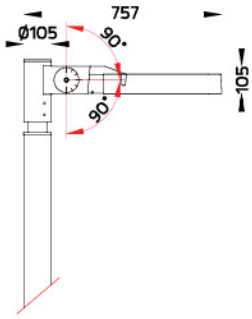

Elliptical 162 W 3000 K

Unilamp

KRONOS – Area Light / Road Optic Single Sided

IP65 IK 10/07



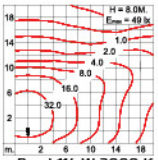


KRONOS Area light Asymmetric is also available in double-sided.
For double-sided version: please replace the first 4 digit of ordering code with 7775

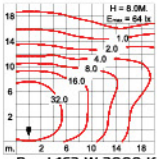
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
Road	3000 K	14960 lm	11100 lm	114 W	119 W	93 lm/W	7772-9-3-863-XX	-
	4000 K	17380 lm	12890 lm	114 W	119 W	108 lm/W	7772-9-3-864-XX	-
Road	3000 K	19960 lm	14450 lm	162 W	167 W	86 lm/W	7772-9-3-861-XX	7772-9-4-861-XX
	4000 K	23160 lm	16760 lm	162 W	167 W	100 lm/W	7772-9-3-862-XX	7772-9-4-862-XX

*for DALI option please consult your sales representative

Light Distribution



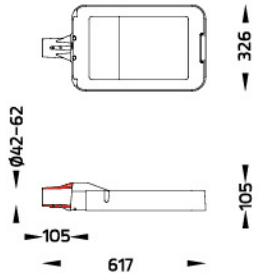
Road 114 W 3000 K



Road 162 W 3000 K

KRONOS – Area Light Horizontal Entry/ Asymmetric

IP65 IK 10/07

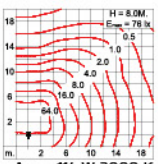


A++

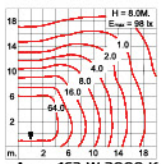
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
ASYM	3000 K	14960 lm	11900 lm	114 W	119 W	100 lm/W	7776-1-3-863-XX	-
	4000 K	17380 lm	13820 lm	114 W	119 W	116 lm/W	7776-1-3-864-XX	-
ASYM	3000 K	19960 lm	15680 lm	162 W	167 W	93 lm/W	7776-1-3-861-XX	7776-1-4-861-XX
	4000 K	23160 lm	18190 lm	162 W	167 W	108 lm/W	7776-1-3-862-XX	7776-1-4-862-XX

*for DALI option please consult your sales representative

Light Distribution



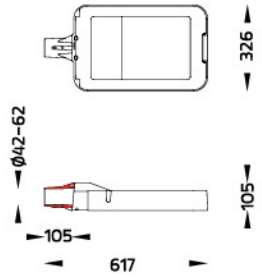
Asym 114 W 3000 K



Asym 162 W 3000 K

KRONOS – Area Light Horizontal Entry / Bi-symmetric

IP65 IK 10/07

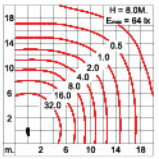


A++

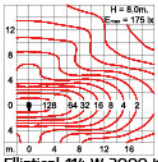
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
95°	3000 K	14960 lm	11920 lm	114 W	119 W	100 lm/W	7777-2-3-863-XX	-
	4000 K	17380 lm	13840 lm	114 W	119 W	116 lm/W	7777-2-3-864-XX	-
Elliptical	3000 K	14960 lm	12410 lm	114 W	119 W	104 lm/W	7777-3-3-863-XX	-
	4000 K	17380 lm	14410 lm	114 W	119 W	121 lm/W	7777-3-3-864-XX	-
95°	3000 K	19960 lm	15690 lm	162 W	167 W	93 lm/W	7777-2-3-861-XX	7777-2-4-861-XX
	4000 K	23160 lm	18200 lm	162 W	167 W	108 lm/W	7777-2-3-862-XX	7777-2-4-862-XX
Elliptical	3000 K	19960 lm	16320 lm	162 W	167 W	97 lm/W	7777-3-3-861-XX	7777-3-4-861-XX
	4000 K	23160 lm	18930 lm	162 W	167 W	113 lm/W	7777-3-3-862-XX	7777-3-4-862-XX

*for DALI option please consult your sales representative

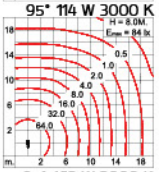
Light Distribution



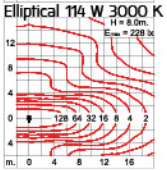
95° 114 W 3000 K



Elliptical 114 W 3000 K



95° 162 W 3000 K

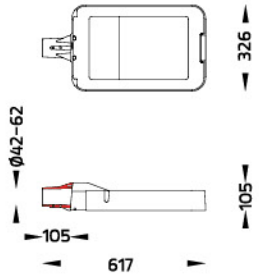


Elliptical 162 W 3000 K

Unilamp

KRONOS – Area Light Horizontal Entry / Road Optic

IP65 IK 10/07

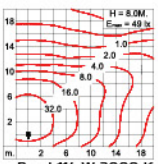


A++

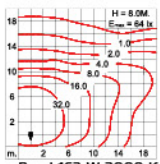
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
Road	3000 K	14960 lm	11100 lm	114 W	119 W	93 lm/W	7778-9-3-863-XX	-
	4000 K	17380 lm	12890 lm	114 W	119 W	108 lm/W	7778-9-3-864-XX	-
Road	3000 K	19960 lm	14450 lm	162 W	167 W	86 lm/W	7778-9-3-861-XX	7778-9-4-861-XX
	4000 K	23160 lm	16760 lm	162 W	167 W	100 lm/W	7778-9-3-862-XX	7778-9-4-862-XX

*for DALI option please consult your sales representative

Light Distribution



Road 114 W 3000 K



Road 162 W 3000 K

Unilamp

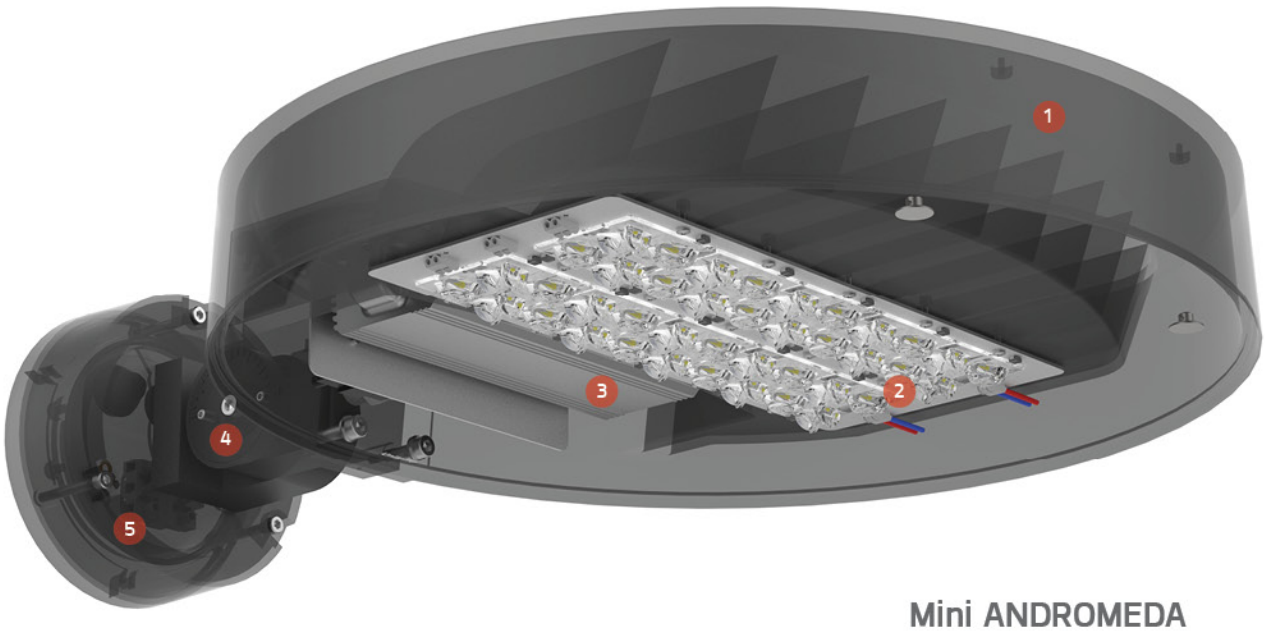
NEW
Release

ANDROMEDA

ANDROMEDA

NEW Release

Mini ANDROMEDA is a round-shaped robust outdoor luminaire for public space illumination. The housing is made of corrosion resistant LM6 die-cast aluminium and is passivated with Nano Ceramic layer then coated with primer and super durable Polyester powder paint. It is equipped with a high power LED with high CRI in 3000K or 4000K color temperature with 3 SDCM. Mini ANDROMEDA offers perfectly engineered light distributions for various lighting applications such as road lighting, car parks, open spaces and facade lighting. Mini ANDROMEDA fulfills the dark sky requirement and is free from light pollution. The heat management has been delicately designed and tested under ambient thermal condition Ta 40°C. An integrated scale allows precise aiming of the luminaire to achieve the desired illumination level. The recommended mounting height is between 4 – 8 meters depending on the application. Available as an option are Aluminium Poles, Galvanized steel poles and anchorage unit for concrete foundations.



Mini ANDROMEDA

1. **Heat Sink Body**
   Computer-aided design heat sink with flow simulation analysis. Suitable for any area even without wind blow. Tested under ambient thermal condition Ta 50°C.

2. **Lens + LED**
   LED and optical lens from world renowned manufacturer. Available in narrow, medium, wide, elliptical, asymmetric forward throw and road optics – 2700K, 3000K and 4000K CRI>80 3-Step SDCM.

3. **Driver**
   High quality IP67 LED constant current driver. Complied with Safety and EMC regulations.

4. **Aiming**
   Graduated scale with locking mechanism. Adjustable with Hexagon tool.

5. **Quick Connector**
   Supplied with detachable connector for easy installation.

No light spill above the horizontal line.

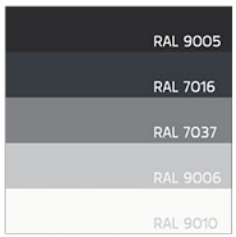
Adjustable aiming angle.

Graduated scale for aiming.

High quality LED.

Prepared for water drainage.

Multiple beam option.



Available in 5 colors.

Armor shield coating.

ANDROMEDA

Unilamp

ANDROMEDA

Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- Die Cast Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- Molded Lens from renowned manufacturer.
- Adjustable optic.
- GFR PA6.6 Terminal block.
- M20 cable gland.
- Pole light pre-wired with outdoor cable.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Accessories

Anchor Bolt Kit for Aluminium Pole
Ordering code: 9-2020-00

Anchor Bolt Kit for Galvanized Steel Pole (for Ø102mm.)
Ordering code: 9-2023-00

Anchor Bolt Kit for Galvanized Steel Pole (for Ø114mm. and Ø114/140mm.)
Ordering code: 9-2024-00

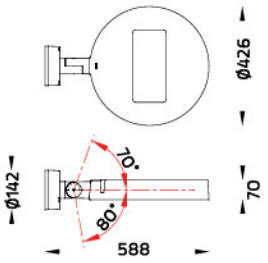
Anchor bolt kit.
Ordering code: 9-2028-00

Extruded Aluminium Pole
(Please see detail on page 712)

Galvanized Steel Pole
(Please see detail on page 715, 718 & 719, 722 & 723)

Mini ANDROMEDA Wall Light/Flood Light

IP65 IK 10/07

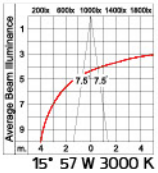


A++

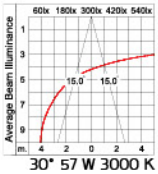
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
15°	3000 K	7480 lm	5790 lm	57 W	61 W	94 lm/W	7697-5-3-863-XX	-
	4000 K	8690 lm	6720 lm	57 W	61 W	110 lm/W	7697-5-3-864-XX	-
30°	3000 K	7480 lm	5450 lm	57 W	61 W	89 lm/W	7697-6-3-863-XX	-
	4000 K	8690 lm	6330 lm	57 W	61 W	103 lm/W	7697-6-3-864-XX	-
67°	3000 K	7480 lm	5390 lm	57 W	61 W	88 lm/W	7697-7-3-863-XX	-
	4000 K	8690 lm	6260 lm	57 W	61 W	102 lm/W	7697-7-3-864-XX	-
95°	3000 K	7480 lm	5190 lm	57 W	61 W	85 lm/W	7697-2-3-863-XX	-
	4000 K	8690 lm	6020 lm	57 W	61 W	98 lm/W	7697-2-3-864-XX	-
Asym	3000 K	7480 lm	5150 lm	57 W	61 W	84 lm/W	7697-1-3-863-XX	-
	4000 K	8690 lm	5980 lm	57 W	61 W	98 lm/W	7697-1-3-864-XX	-
Elliptical	3000 K	7480 lm	5070 lm	57 W	61 W	83 lm/W	7697-3-3-863-XX	-
	4000 K	8690 lm	5880 lm	57 W	61 W	96 lm/W	7697-3-3-864-XX	-
Road	3000 K	7480 lm	4650 lm	57 W	61 W	76 lm/W	7697-9-3-863-XX	-
	4000 K	8690 lm	5400 lm	57 W	61 W	88 lm/W	7697-9-3-864-XX	-

*for DALI option please consult your sales representative

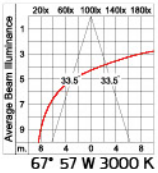
Light Distribution



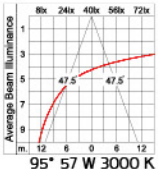
15° 57 W 3000 K



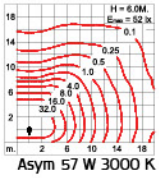
30° 57 W 3000 K



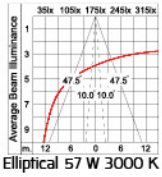
67° 57 W 3000 K



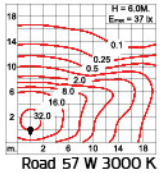
95° 57 W 3000 K



Asym 57 W 3000 K



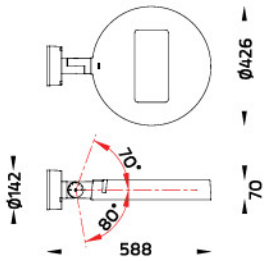
Elliptical 57 W 3000 K



Road 57 W 3000 K

Mini ANDROMEDA Wall Light/Flood Light

IP65 IK 10/07

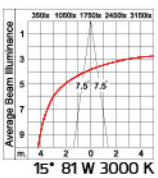


A++

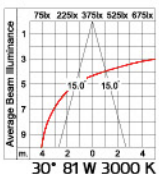
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
15°	3000 K	9980 lm	7730 lm	81 W	85 W	90 lm/W	7697-5-3-861-XX	7697-5-4-861-XX
	4000 K	11580 lm	8970 lm	81 W	85 W	105 lm/W	7697-5-3-862-XX	7697-5-4-862-XX
30°	3000 K	9980 lm	7280 lm	81 W	85 W	85 lm/W	7697-6-3-861-XX	7697-6-4-861-XX
	4000 K	11580 lm	8450 lm	81 W	85 W	99 lm/W	7697-6-3-862-XX	7697-6-4-862-XX
67°	3000 K	9980 lm	7200 lm	81 W	85 W	84 lm/W	7697-7-3-861-XX	7697-7-4-861-XX
	4000 K	11580 lm	8360 lm	81 W	85 W	98 lm/W	7697-7-3-862-XX	7697-7-4-862-XX
95°	3000 K	9980 lm	6930 lm	81 W	85 W	81 lm/W	7697-2-3-861-XX	7697-2-4-861-XX
	4000 K	11580 lm	8050 lm	81 W	85 W	94 lm/W	7697-2-3-862-XX	7697-2-4-862-XX
Asym	3000 K	9980 lm	6880 lm	81 W	85 W	80 lm/W	7697-1-3-861-XX	7697-1-4-861-XX
	4000 K	11580 lm	7990 lm	81 W	85 W	94 lm/W	7697-1-3-862-XX	7697-1-4-862-XX
Elliptical	3000 K	9980 lm	6770 lm	81 W	85 W	79 lm/W	7697-3-3-861-XX	7697-3-4-861-XX
	4000 K	11580 lm	7860 lm	81 W	85 W	92 lm/W	7697-3-3-862-XX	7697-3-4-862-XX
Road	3000 K	9980 lm	6210 lm	81 W	85 W	73 lm/W	7697-9-3-861-XX	7697-9-4-861-XX
	4000 K	11580 lm	7210 lm	81 W	85 W	84 lm/W	7697-9-3-862-XX	7697-9-4-862-XX

*for DALI option please consult your sales representative

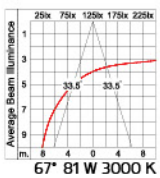
Light Distribution



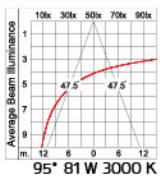
15° 81 W 3000 K



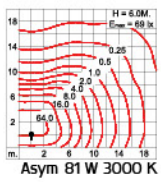
30° 81 W 3000 K



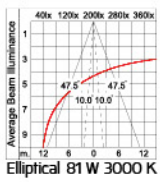
67° 81 W 3000 K



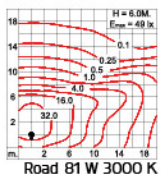
95° 81 W 3000 K



Asym 81 W 3000 K



Elliptical 81 W 3000 K

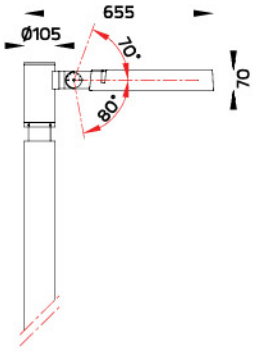


Road 81 W 3000 K

Unilamp

Mini ANDROMEDA Area Light / Single Sided

IP65 IK 10/07



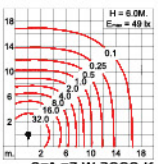
A++

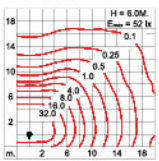
Mini ANDROMEDA Area light is also available in double-sided.
For double-sided version: please replace the first 4 digit of ordering code with 7298.

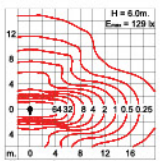
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
95°	3000 K	7480 lm	5190 lm	57 W	61 W	85 lm/W	7297-2-3-863-XX	-
	4000 K	8690 lm	6020 lm	57 W	61 W	98 lm/W	7297-2-3-864-XX	-
Asym	3000 K	7480 lm	5150 lm	57 W	61 W	84 lm/W	7297-1-3-863-XX	-
	4000 K	8690 lm	5980 lm	57 W	61 W	98 lm/W	7297-1-3-864-XX	-
Elliptical	3000 K	7480 lm	5070 lm	57 W	61 W	83 lm/W	7297-3-3-863-XX	-
	4000 K	8690 lm	5880 lm	57 W	61 W	96 lm/W	7297-3-3-864-XX	-
Road	3000 K	7480 lm	4650 lm	57 W	61 W	76 lm/W	7297-9-3-863-XX	-
	4000 K	8690 lm	5400 lm	57 W	61 W	88 lm/W	7297-9-3-864-XX	-

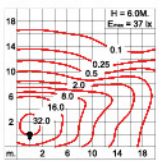
*for DALI option please consult your sales representative

Light Distribution


95° 57 W 3000 K

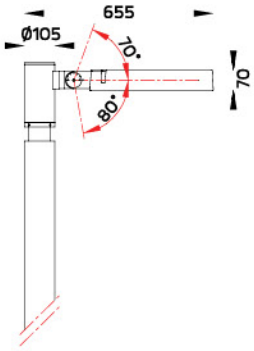

Asym 57 W 3000 K


Elliptical 57 W 3000 K


Road 57 W 3000 K

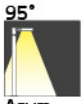
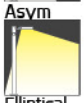
Mini ANDROMEDA Area Light / Single Sided

IP65 IK 10/07



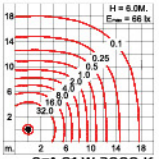
A++

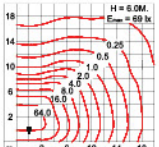
Mini ANDROMEDA Area light is also available in double-sided.
For double-sided version: please replace the first 4 digit of ordering code with 7298.

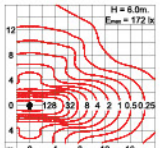
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
95° 	3000 K	9980 lm	6930 lm	81 W	85 W	81 lm/W	7297-2-3-861-XX	7297-2-4-861-XX
	4000 K	11580 lm	8050 lm	81 W	85 W	94 lm/W	7297-2-3-862-XX	7297-2-4-862-XX
Asym 	3000 K	9980 lm	6880 lm	81 W	85 W	80 lm/W	7297-1-3-861-XX	7297-1-4-861-XX
	4000 K	11580 lm	7990 lm	81 W	85 W	94 lm/W	7297-1-3-862-XX	7297-1-4-862-XX
Elliptical	3000 K	9980 lm	6770 lm	81 W	85 W	79 lm/W	7297-3-3-861-XX	7297-3-4-861-XX
	4000 K	11580 lm	7860 lm	81 W	85 W	92 lm/W	7297-3-3-862-XX	7297-3-4-862-XX
Road	3000 K	9980 lm	6210 lm	81 W	85 W	73 lm/W	7297-9-3-861-XX	7297-9-4-861-XX
	4000 K	11580 lm	7210 lm	81 W	85 W	84 lm/W	7297-9-3-862-XX	7297-9-4-862-XX

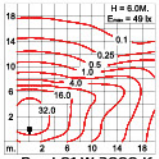
*for DALI option please consult your sales representative

Light Distribution


95° 81 W 3000 K


Asym 81 W 3000 K

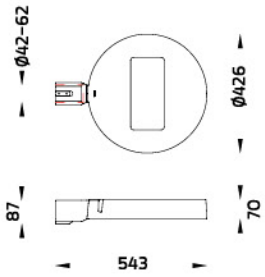

Elliptical 81 W 3000 K


Road 81 W 3000 K

Unilamp

Mini ANDROMEDA Area Light – Horizontal Entry

IP65 IK 10/07



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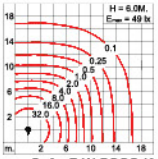
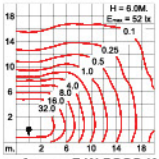
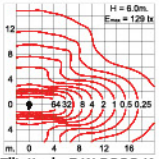
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
95°							*On-Off*	*1-10V*
	3000 K	7480 lm	5190 lm	57 W	61 W	85 lm/W	7797-2-3-863-XX	-
	4000 K	8690 lm	6020 lm	57 W	61 W	98 lm/W	7797-2-3-864-XX	-
Asym								
	3000 K	7480 lm	5150 lm	57 W	61 W	84 lm/W	7797-1-3-863-XX	-
	4000 K	8690 lm	5980 lm	57 W	61 W	98 lm/W	7797-1-3-864-XX	-
Elliptical								
	3000 K	7480 lm	5070 lm	57 W	61 W	83 lm/W	7797-3-3-863-XX	-
	4000 K	8690 lm	5880 lm	57 W	61 W	96 lm/W	7797-3-3-864-XX	-
Road								
	3000 K	7480 lm	4650 lm	57 W	61 W	76 lm/W	7797-9-3-863-XX	-
	4000 K	8690 lm	5400 lm	57 W	61 W	88 lm/W	7797-9-3-864-XX	-

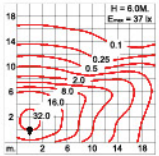
*for DALI option please consult your sales representative

Light Distribution


95° 57 W 3000 K

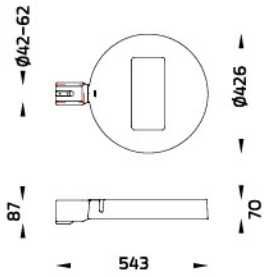

Asym 57 W 3000 K


Elliptical 57 W 3000 K


Road 57 W 3000 K

Mini ANDROMEDA Area Light – Horizontal Entry

IP65 IK 10/07



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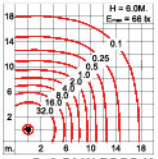
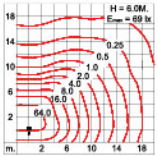
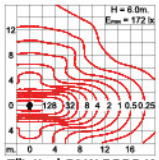
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
95°							*On-Off*	*1-10V*
	3000 K	9980 lm	6930 lm	81 W	85 W	81 lm/W	7797-2-3-861-XX	7797-2-4-861-XX
	4000 K	11580 lm	8050 lm	81 W	85 W	94 lm/W	7797-2-3-862-XX	7797-2-4-862-XX
Asym								
	3000 K	9980 lm	6880 lm	81 W	85 W	80 lm/W	7797-1-3-861-XX	7797-1-4-861-XX
	4000 K	11580 lm	7990 lm	81 W	85 W	94 lm/W	7797-1-3-862-XX	7797-1-4-862-XX
Elliptical								
	3000 K	9980 lm	6770 lm	81 W	85 W	79 lm/W	7797-3-3-861-XX	7797-3-4-861-XX
	4000 K	11580 lm	7860 lm	81 W	85 W	92 lm/W	7797-3-3-862-XX	7797-3-4-862-XX
Road								
	3000 K	9980 lm	6210 lm	81 W	85 W	73 lm/W	7797-9-3-861-XX	7797-9-4-861-XX
	4000 K	11580 lm	7210 lm	81 W	85 W	84 lm/W	7797-9-3-862-XX	7797-9-4-862-XX

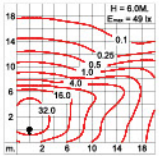
*for DALI option please consult your sales representative

Light Distribution


95° 81 W 3000 K


Asym 81 W 3000 K


Elliptical 81 W 3000 K


Road 81 W 3000 K

Unilamp

BRUDA

BRUDA

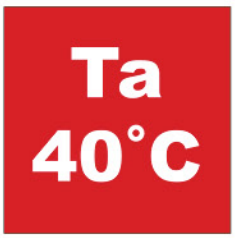
BRUDA is a single piece high pressure die cast area light designed for tool free maintenance with a removable control gear plate. The reflector is specially designed by Ray Tracing software giving wide spread light distribution for auxiliary road and area lighting.

BRUDA is equipped with high quality LED module in 3000K and 4000K. It is passivated with Nano Ceramic film and double layer of UV resistant Polyester powder paint. It is generally installed in walkways, parks, commercial areas and small road with light traffic. **BRUDA** is designed and tested under ambient thermal condition Ta 40°C.

Single piece high-pressure dieCasting aluminium housing.

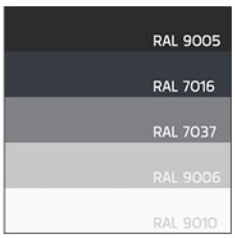
Non-yellowing tempered glass cover.

ZHAGA compliance LED module.



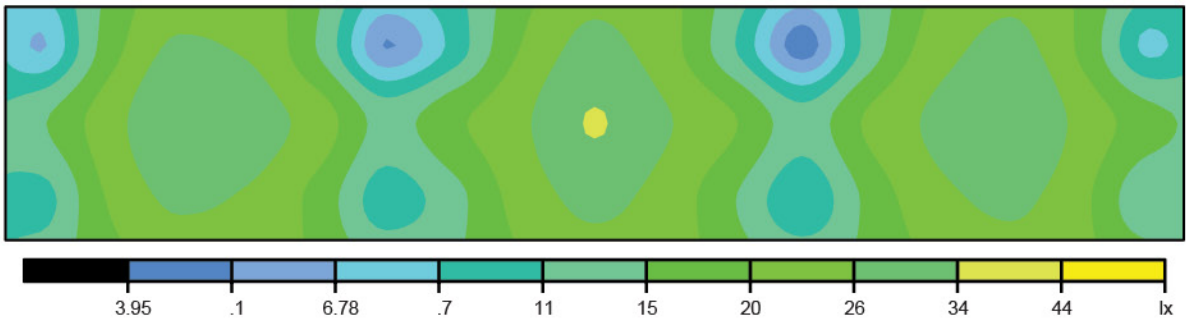
Designed and tested under ambient thermal condition Ta 40°C.

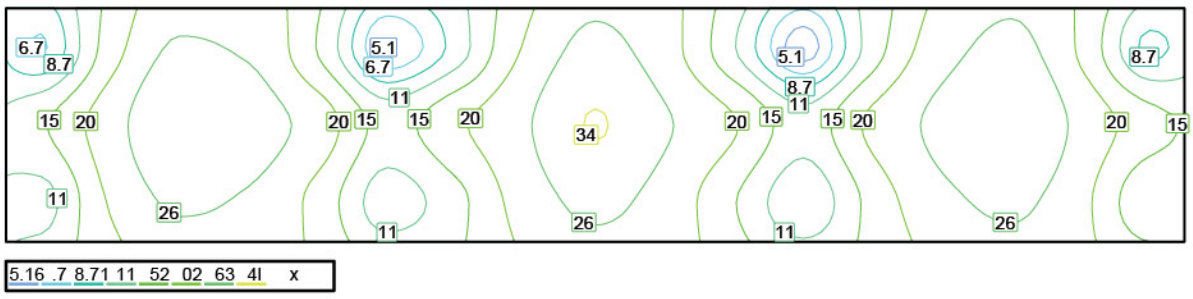
Armor shield coating.



Available in 5 colors.

PRODUCT NAME	: BRUDA Area Light	DISTANCE A	: 17 METERS
TYPE	: LED 54W 6530lm 4000K	DISTANCE B	: 2 METERS
ORDERING CODE	: 7751-9-3-907-XX	MOUNTING HEIGHT	: 7 METERS





Unilamp

BRUDA

Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 Die Cast Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- CNC designed reflector.
- GFR PA6.6 terminal block.
- Pole light pre-wired with outdoor cable.
- Installation work has to be carried on according to the enclosed product manual.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Accessories

Galvanized Tapered Steel Pole. (Please see detail on page 722 & 723).

Anchor bolt kit for BRUDA
Ordering Code: 9-2028-00

BRUDA – Wall Light

IP65 IK 08/07

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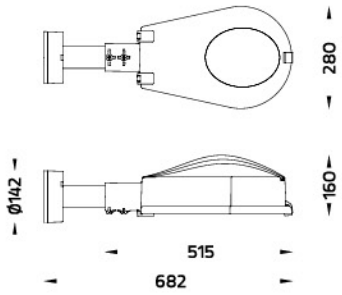
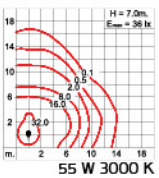


	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	3000 K	6490 lm	5170 lm	55 W	60 W	86 lm/W	7651-9-3-929-XX	7651-9-4-929-XX
	4000 K	6950 lm	5530 lm	55 W	60 W	92 lm/W	7651-9-3-907-XX	7651-9-4-907-XX

*for DALI option please consult your sales representative

Light Distribution



55 W 3000 K

BRUDA – Area Light

IP65 IK 08/07

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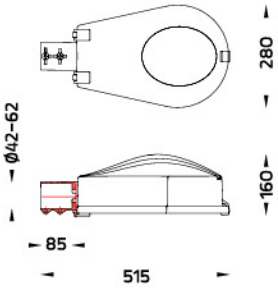
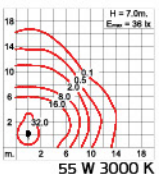


	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	3000 K	6490 lm	5170 lm	55 W	60 W	86 lm/W	7751-9-3-929-XX	7751-9-4-929-XX
	4000 K	6950 lm	5530 lm	55 W	60 W	92 lm/W	7751-9-3-907-XX	7751-9-4-907-XX

*for DALI option please consult your sales representative

Light Distribution



55 W 3000 K

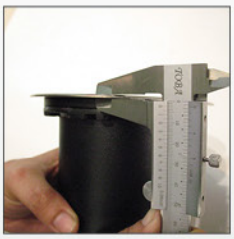
Unilamp

ZET

ZET

ZET a walk-over in ground uplighter is fitted with high power LED or AC COB for cost effective installation. It is supplied with a post-cured silicone gasket and pre-wired IP67 anti-condensation kit.
ZET is commonly used to highlight architectural tasks, wall structures, low ceilings, and columns. The glare-shield honey comb and softening lens are available as accessories. A gel-filled IP68 connection device for water tight connection is also available as accessory.

Can be walked over.


2mm slim cover plate.

316 stainless steel cover.

AC solution. No driver needed.

Supplied with ground recess housing.

LED version features low surface temperature.

High quality LED from Philips Lumiled.

Various beam angle.

Armor shield coating.

ZET

Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-13 and VDE regulations.
- Marine grade 316 stainless steel front cover.
- LM6 die-cast aluminium body.
- GFR polymer recess housing.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module.
- High efficiency reflector for AC version.
- Molded Lens from renowned manufacturer.
- M16 cable gland.
- Pre-wired with outdoor cable.
- Installation work has to be carried on according to the enclosed product manual.
- For ground recess application, the water drainage system must be tested to ensure that it is working sufficiency and efficiency.

Accessories

IP68 Water Tight Connection Device for Through Wiring.
Ordering code: 9-0902-00

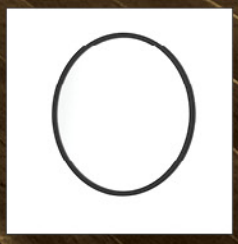
Gel-Filled IP68 Connector for Through Wiring Cable Diameter 6.5 - 12mm.
Ordering code: 9-0904-00

IP68 "Series-Wiring LED" Distribution Box for 1-3 Luminaires.
Ordering code: 9-0907-00

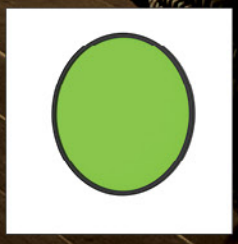
Deeper Ground Recess Housing.
Ordering code: 9-0404-00

LED Constant Current Driver 350mA 1-15W. In IP67 GFR Polymer Box for ZET1, ZET2 (not ACCOB)
Ordering code:
0275-0-9-000-01

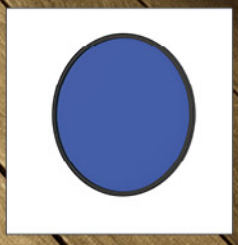
Honey Comb Louver for ZET1 clear (LED), ZET2 clear (LED).
Ordering code: 9-0113-01



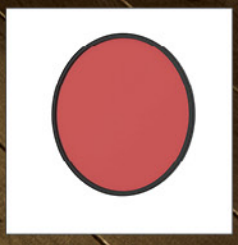
Softening Filter.
Ordering code:
0294-0-9-000-00



Color Filter Green.
Ordering code:
0295-0-9-000-83



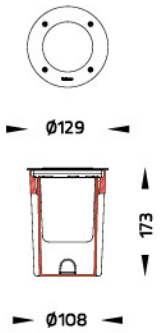
Color Filter Blue.
Ordering code:
0295-0-9-000-84



Color Filter Red.
Ordering code:
0295-0-9-000-81

ZET1 – Frost

IP67 IK 10/10 OR CE LED AC COB

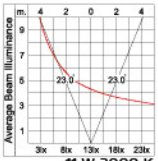


A++ A+

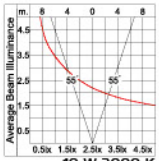
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	2700 K	940 lm	540 lm	8.6 W(350mA)	11 W	49 lm/W	9002-0-2-522-91	-
	3000 K	940 lm	540 lm	8.6 W(350mA)	11 W	49 lm/W	9002-0-2-917-91	-
	4000 K	1010 lm	540 lm	8.6 W(350mA)	11 W	49 lm/W	9002-0-2-920-91	-
	3000 K	900 lm	120 lm	10 W	10 W	12 lm/W	9002-0-3-869-91	-
	4000 K	950 lm	120 lm	10 W	10 W	12 lm/W	9002-0-3-870-91	-

*for DALI option please consult your sales representative

Light Distribution



11 W 3000 K

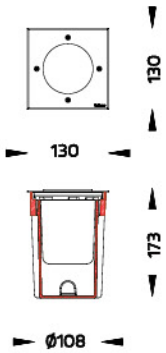


10 W 3000 K

ZET2 – Frost

IP67 IK 10/10 OR LED AC COB

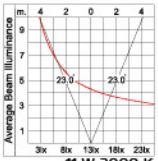
A++ A+



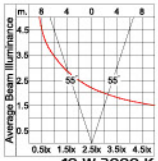
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	2700 K	940 lm	540 lm	8.6 W(350mA)	11 W	49 lm/W	9004-0-2-522-91	–
	3000 K	940 lm	540 lm	8.6 W(350mA)	11 W	49 lm/W	9004-0-2-917-91	–
	4000 K	1010 lm	540 lm	8.6 W(350mA)	11 W	49 lm/W	9004-0-2-920-91	–
	3000 K	900 lm	120 lm	10 W	10 W	12 lm/W	9004-0-3-869-91	–
	4000 K	950 lm	120 lm	10 W	10 W	12 lm/W	9004-0-3-870-91	–

*for DALI option please consult your sales representative

Light Distribution



11 W 3000 K

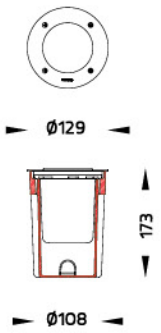


10 W 3000 K

Unilamp

ZET1 – Clear

IP67 IK10/10 OR CE LED AC COB

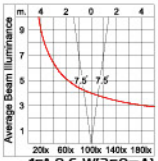


A++ A+

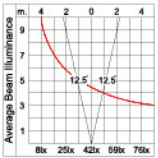
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
15°	2700 K	940 lm	630 lm	8.6 W[350mA]	11 W	57 lm/W	9011-0-2-520-91	–
	3000 K	940 lm	630 lm	8.6 W[350mA]	11 W	57 lm/W	9011-0-2-915-91	–
	4000 K	1010 lm	640 lm	8.6 W[350mA]	11 W	58 lm/W	9011-0-2-918-91	–
25°	2700 K	940 lm	600 lm	8.6 W[350mA]	11 W	54 lm/W	9011-0-2-521-91	–
	3000 K	940 lm	600 lm	8.6 W[350mA]	11 W	54 lm/W	9011-0-2-916-91	–
	4000 K	1010 lm	620 lm	8.6 W[350mA]	11 W	56 lm/W	9011-0-2-919-91	–
38°	2700 K	940 lm	580 lm	8.6 W[350mA]	11 W	52 lm/W	9011-0-2-522-91	–
	3000 K	940 lm	580 lm	8.6 W[350mA]	11 W	52 lm/W	9011-0-2-917-91	–
	4000 K	1010 lm	600 lm	8.6 W[350mA]	11 W	54 lm/W	9011-0-2-920-91	–
13°	3000 K	900 lm	500 lm	10 W	10 W	50 lm/W	9011-5-3-869-91	–
	4000 K	950 lm	530 lm	10 W	10 W	53 lm/W	9011-5-3-870-91	–
40°	3000 K	900 lm	500 lm	10 W	10 W	50 lm/W	9011-7-3-869-91	–
	4000 K	950 lm	530 lm	10 W	10 W	53 lm/W	9011-7-3-870-91	–

*for DALI option please consult your sales representative

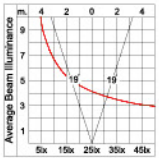
Light Distribution



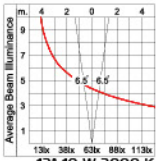
15° 8.6 W[350mA] 3000 K



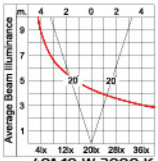
25° 8.6 W[350mA] 3000 K



38° 8.6 W[350mA] 3000 K



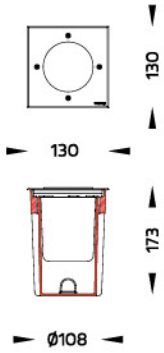
13° 10 W 3000 K



40° 10 W 3000 K

ZET2 – Clear

IP67 IK 10/10 OR CE LED AC COB

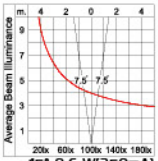


A++ A+

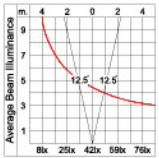
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
15°	2700 K	940 lm	630 lm	8.6 W[350mA]	11 W	57 lm/W	9021-0-2-520-91	–
	3000 K	940 lm	630 lm	8.6 W[350mA]	11 W	57 lm/W	9021-0-2-915-91	–
	4000 K	1010 lm	640 lm	8.6 W[350mA]	11 W	58 lm/W	9021-0-2-918-91	–
25°	2700 K	940 lm	600 lm	8.6 W[350mA]	11 W	54 lm/W	9021-0-2-521-91	–
	3000 K	940 lm	600 lm	8.6 W[350mA]	11 W	54 lm/W	9021-0-2-916-91	–
	4000 K	1010 lm	620 lm	8.6 W[350mA]	11 W	56 lm/W	9021-0-2-919-91	–
38°	2700 K	940 lm	580 lm	8.6 W[350mA]	11 W	52 lm/W	9021-0-2-522-91	–
	3000 K	940 lm	580 lm	8.6 W[350mA]	11 W	52 lm/W	9021-0-2-917-91	–
	4000 K	1010 lm	600 lm	8.6 W[350mA]	11 W	54 lm/W	9021-0-2-920-91	–
13°	3000 K	900 lm	500 lm	10 W	10 W	50 lm/W	9021-5-3-869-91	–
	4000 K	950 lm	530 lm	10 W	10 W	53 lm/W	9021-5-3-870-91	–
40°	3000 K	900 lm	500 lm	10 W	10 W	50 lm/W	9021-7-3-869-91	–
	4000 K	950 lm	530 lm	10 W	10 W	53 lm/W	9021-7-3-870-91	–

*for DALI option please consult your sales representative

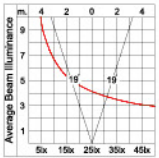
Light Distribution



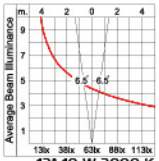
15° 8.6 W[350mA] 3000 K



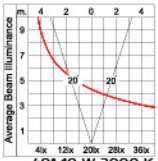
25° 8.6 W[350mA] 3000 K



38° 8.6 W[350mA] 3000 K



13° 10 W 3000 K

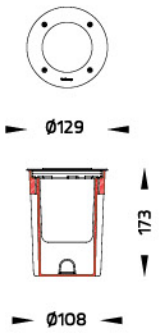


40° 10 W 3000 K

Unilamp

ZET3 – Single LED

IP67 IK 10/10

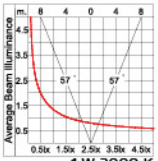


A++ A+

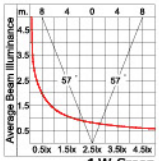
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	2700 K	130 lm	19 lm	1 W	2.4 W	7 lm/W	9012-0-3-525-91	–
	3000 K	130 lm	19 lm	1 W	2.4 W	7 lm/W	9012-0-3-989-91	–
	4000 K	140 lm	20 lm	1 W	2.4 W	8 lm/W	9012-0-3-899-91	–
	Blue	35 lm	7 lm	1 W	2.4 W	2 lm/W	9012-0-3-992-91	–
	Green	102 lm	17 lm	1 W	2.6 W	6 lm/W	9012-0-3-993-91	–
	Red	46 lm	8 lm	1 W	2.0 W	3 lm/W	9012-0-3-994-91	–

*for DALI option please consult your sales representative

Light Distribution



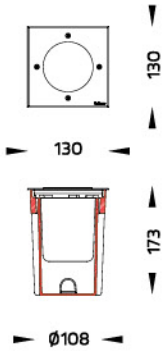
1 W 3000 K



1 W Green

ZET4 – Single LED

IP67 IK 10/10

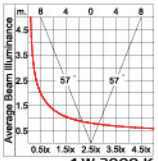


A++ A+

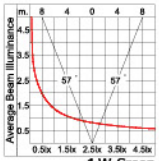
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
	2700 K	130 lm	19 lm	1 W	2.4 W	7 lm/W	9022-0-3-525-91	–
	3000 K	130 lm	19 lm	1 W	2.4 W	7 lm/W	9022-0-3-989-91	–
	4000 K	140 lm	20 lm	1 W	2.4 W	8 lm/W	9022-0-3-899-91	–
	Blue	35 lm	7 lm	1 W	2.4 W	2 lm/W	9022-0-3-992-91	–
	Green	102 lm	17 lm	1 W	2.6 W	6 lm/W	9022-0-3-993-91	–
	Red	46 lm	8 lm	1 W	2.0 W	3 lm/W	9022-0-3-994-91	–

*for DALI option please consult your sales representative

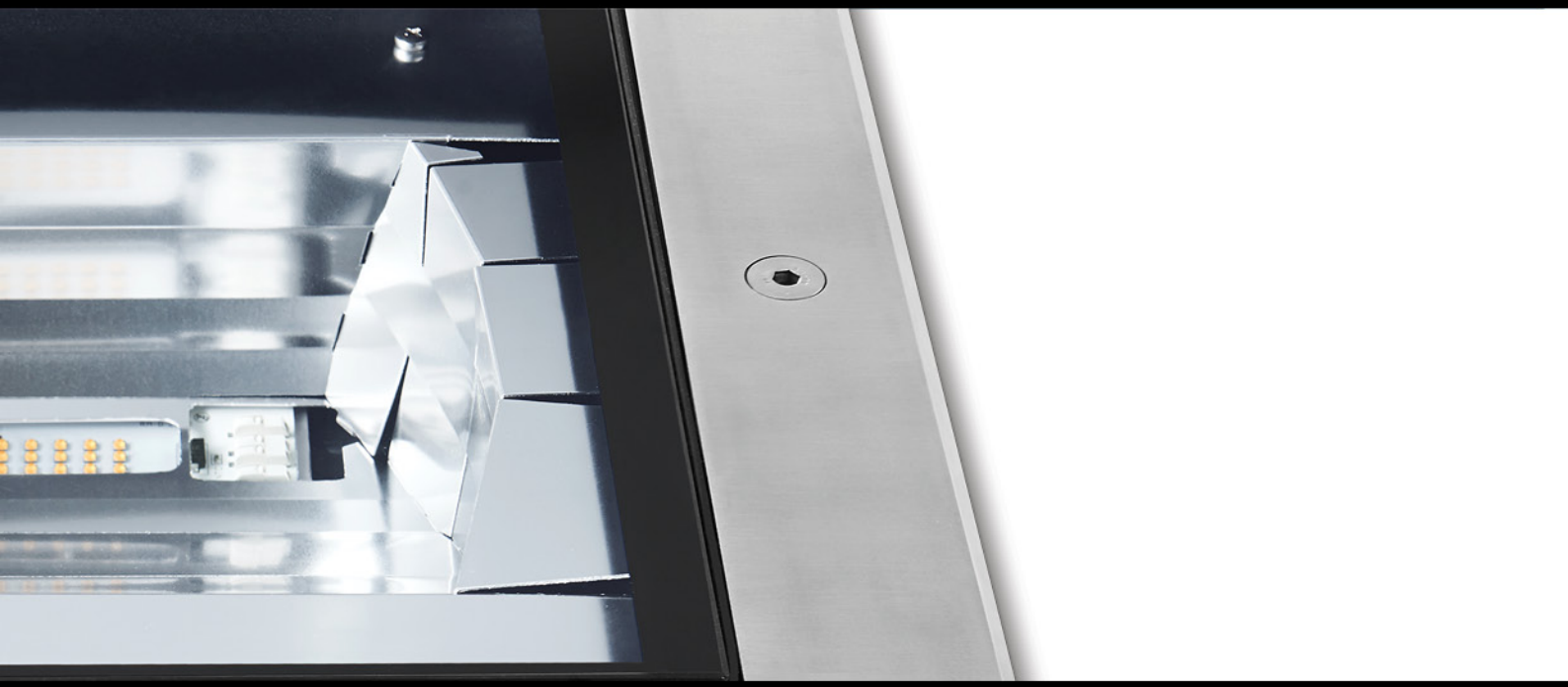
Light Distribution



1 W 3000 K



1 W Green



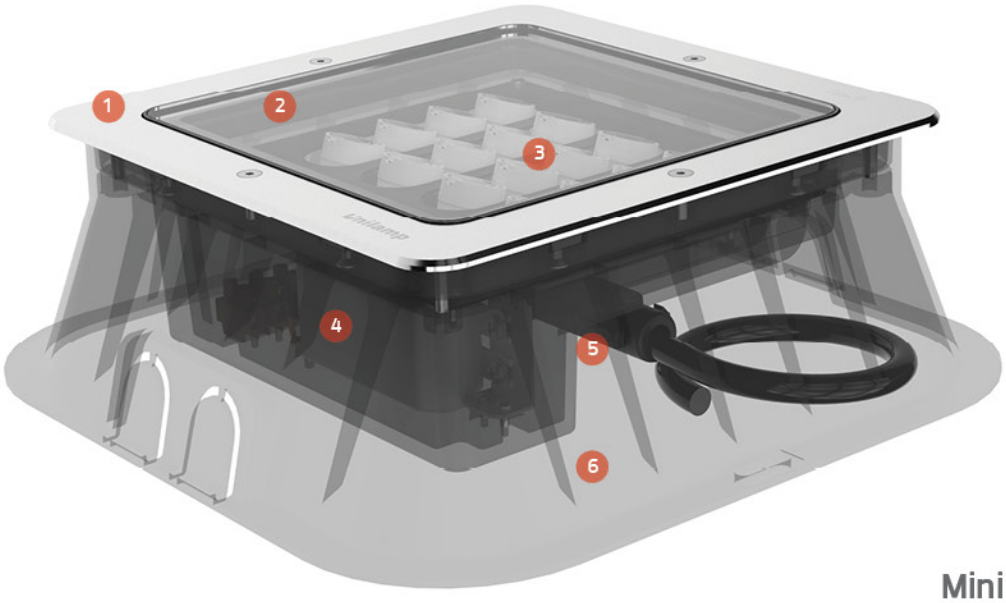
QUARK

QUARK

NEW! Mini Quark

QUARK a family walk-over and drive-over inground uplighter with shallow housing for minimum recess depth. Designed for high power LED with the choices of three different color temperatures from 2700K, 3000K or 4000K in high color consistency and remarkable color rendering index. The light distribution is available in various pattern e.g. wall wash, bi-symmetric, narrow, medium, wide and elliptical beam.

QUARK is ideal for the illumination of plants, flagpoles, columns, walls, building facades and also architectural works and landmarks. To avoid installation issues and add another level of safety, it is pre-wired and is fitted with an anti condensation device. It is available in two sizes with fixed or dimmable light output. Gel-filled IP rated connecting devices are available as an accessory.



Mini QUARK

1. **Front Frame**
   Corrosion resistant marine grade 316 stainless steel frame.

2. **Cover**
   Impact resistant tempered safety glass cover. Glass flushes to the front frame, no accumulation of dust and water.

3. **Lens + LED**
   LED and optical lens from world renowned manufacturer. Available in narrow, medium, wide, elliptical, asymmetric forward forward – 2700K, 3000K and 4000K CRI>80 3-Step SDCM.

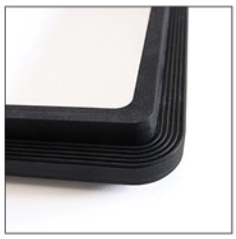
4. **Driver**
   High quality LED constant current driver. Conform to applicable safety standards and electromagnetic compatibility.

5. **Protest against water**
   Factory sealed with cable grand and Neoprene cable with Anti-Humidity kit.

6. **Recess Housing**
   Ground recess housing made from engineering polymer with glass-fiber reinforced. The luminaires can be driven over by small vehicles at low speed.

Integrated heat sink on body.

Corrosion proof stainless steel frame.


Durable silicone gasket.

Robust recess box in GFR polymer.

Pre-wired with anti condensation kit.

Zhaga compliance Led module.

Various types of light distribution.

IP68 connecting accessories.

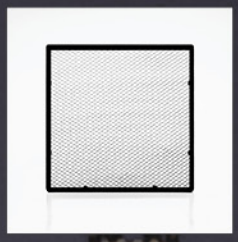
Armor shield coating.

QUARK

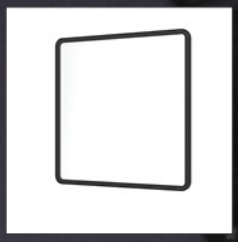
Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-13 and VDE regulations.
- Marine grade 316 stainless steel front cover.
- LM6 die-cast aluminium body.
- GFR polymer recess housing.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- High efficiency reflector.
- Molded Lens from renowned manufacturer.
- M20 cable gland.
- Pre-wired with outdoor cable.
- Installation work has to be carried on according to the enclosed product manual.
- For ground recess application, the water drainage system must be tested to ensure that it is working sufficiency and efficiency.

Accessories



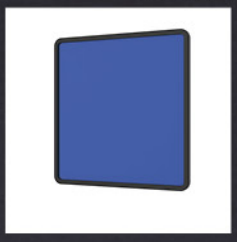
Honey Comb Louver for Mini Quark Square.
Ordering code:
0280-0-9-000-00



Softening Filter for Mini Quark Square.
Ordering code:
0281-0-9-000-00

Color Filter Red for Mini Quark Square.
Ordering code:
0282-0-9-000-81

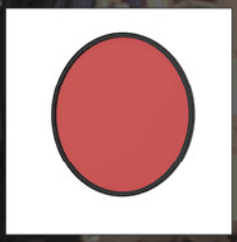
Color Filter Green for Mini Quark Square.
Ordering code:
0282-0-9-000-83



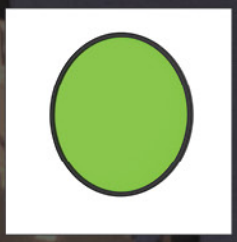
Color Filter Blue for Mini Quark Square.
Ordering code:
0282-0-9-000-84

Honey Comb Louver for Mini Quark Round
Ordering code:
0283-0-9-000-00

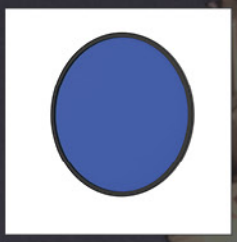
Softening Filter for Mini Quark Round.
Ordering code:
0284-0-9-000-00



Color Filter Red for Mini Quark Round.
Ordering code:
0285-0-9-000-81



Color Filter Green for Mini Quark Round.
Ordering code:
0285-0-9-000-83



Color Filter Blue for Mini Quark Round.
Ordering code:
0285-0-9-000-84

IP67 Connection Box for Through Wiring.
Ordering code: 9-0900-00

IP68 Water Tight Connection Device for Through Wiring.
Ordering code: 9-0902-00

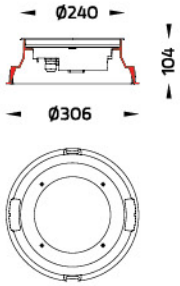
IP68 Water Tight Connecting Device Cable Diameter 7 - 12mm.
Ordering code: 9-0903-00

Gel-Filled IP68 Connector Cable Diameter 8 - 10mm.
Ordering code: 9-0905-00

Gel-Filled IP68 Connector for Through Wiring Cable Diameter 6.5 - 12mm.
Ordering code:
9-0904-00 /
0396-0-9-000-00
for dimming interface 1-10V or Dali)

Mini Quark Round

IP67 IK 10 09

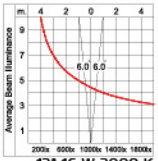


A++

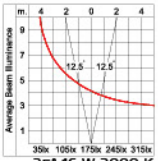
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
12°	2700 K	2120 lm	1970 lm	16 W	19 W	103 lm/W	9035-5-3-523-91	-
	3000 K	2120 lm	1970 lm	16 W	19 W	103 lm/W	9035-5-3-897-91	-
	4000 K	2280 lm	2110 lm	16 W	19 W	111 lm/W	9035-5-3-898-91	-
25°	2700 K	2120 lm	1740 lm	16 W	19 W	91 lm/W	9035-6-3-523-91	-
	3000 K	2120 lm	1740 lm	16 W	19 W	91 lm/W	9035-6-3-897-91	-
	4000 K	2280 lm	1870 lm	16 W	19 W	98 lm/W	9035-6-3-898-91	-
46°	2700 K	2120 lm	1690 lm	16 W	19 W	88 lm/W	9035-7-3-523-91	-
	3000 K	2120 lm	1690 lm	16 W	19 W	88 lm/W	9035-7-3-897-91	-
	4000 K	2280 lm	1810 lm	16 W	19 W	95 lm/W	9035-7-3-898-91	-
Asym	2700 K	2120 lm	1620 lm	16 W	19 W	85 lm/W	9035-9-3-523-91	-
	3000 K	2120 lm	1620 lm	16 W	19 W	85 lm/W	9035-9-3-897-91	-
	4000 K	2280 lm	1740 lm	16 W	19 W	91 lm/W	9035-9-3-898-91	
Elliptical	2700 K	2120 lm	1690 lm	16 W	19 W	88 lm/W	9035-3-3-523-91	-
	3000 K	2120 lm	1690 lm	16 W	19 W	88 lm/W	9035-3-3-897-91	-
	4000 K	2280 lm	1810 lm	16 W	19 W	95 lm/W	9035-3-3-898-91	-

*for DALI option please consult your sales representative

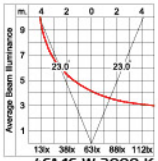
Light Distribution



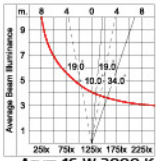
12° 16 W 3000 K



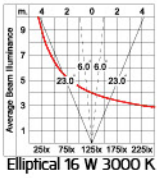
25° 16 W 3000 K



46° 16 W 3000 K



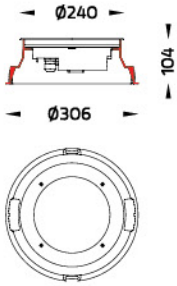
Asym 16 W 3000 K



Elliptical 16 W 3000 K

Mini Quark Round

IP67 IK10 09



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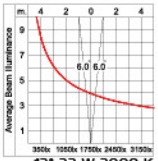
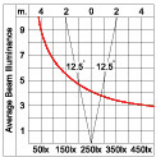
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
12°	2700 K	2880 lm	2220 lm	23 W	27 W	82 lm/W	9035-5-3-524-91	9035-5-4-524-91
	3000 K	2880 lm	2220 lm	23 W	27 W	82 lm/W	9035-5-3-867-91	9035-5-4-867-91
	4000 K	3080 lm	2860 lm	23 W	27 W	105 lm/W	9035-5-3-868-91	9035-5-4-868-91
25°	2700 K	2880 lm	2290 lm	23 W	27 W	84 lm/W	9035-6-3-524-91	9035-6-4-524-91
	3000 K	2880 lm	2290 lm	23 W	27 W	84 lm/W	9035-6-3-867-91	9035-6-4-867-91
	4000 K	3080 lm	2520 lm	23 W	27 W	93 lm/W	9035-6-3-868-91	9035-6-4-868-91
46°	2700 K	2880 lm	2210 lm	23 W	27 W	81 lm/W	9035-7-3-524-91	9035-7-4-524-91
	3000 K	2880 lm	2210 lm	23 W	27 W	81 lm/W	9035-7-3-867-91	9035-7-4-867-91
	4000 K	3080 lm	2450 lm	23 W	27 W	90 lm/W	9035-7-3-868-91	9035-7-4-868-91
Asym	2700 K	2880 lm	2110 lm	23 W	27 W	78 lm/W	9035-9-3-524-91	9035-9-4-524-91
	3000 K	2880 lm	2110 lm	23 W	27 W	78 lm/W	9035-9-3-867-91	9035-9-4-867-91
	4000 K	3080 lm	2350 lm	23 W	27 W	87 lm/W	9035-9-3-868-91	9035-9-4-868-91
Elliptical	2700 K	2880 lm	2210 lm	23 W	27 W	81 lm/W	9035-3-3-524-91	9035-3-4-524-91
	3000 K	2880 lm	2210 lm	23 W	27 W	81 lm/W	9035-3-3-867-91	9035-3-4-867-91
	4000 K	3080 lm	2450 lm	23 W	27 W	90 lm/W	9035-3-3-868-91	9035-3-4-868-91

*for DALI option please consult your sales representative

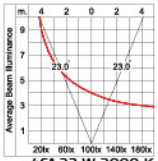
Light Distribution



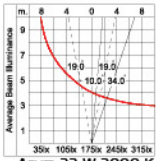
12° 23 W 3000 K



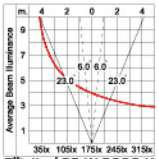
25° 23 W 3000 K



46° 23 W 3000 K



Asym 23 W 3000 K

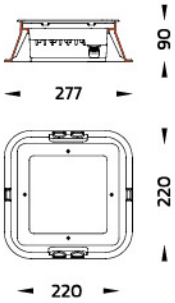


Elliptical 23 W 3000 K

Unilamp

Mini Quark Square

IP67 IK 10 09



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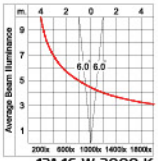
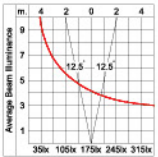
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
12°	2700 K	2120 lm	1970 lm	16 W	19 W	103 lm/W	9045-5-3-523-91	-
	3000 K	2120 lm	1970 lm	16 W	19 W	103 lm/W	9045-5-3-897-91	-
	4000 K	2280 lm	2110 lm	16 W	19 W	111 lm/W	9045-5-3-898-91	-
25°	2700 K	2120 lm	1740 lm	16 W	19 W	91 lm/W	9045-6-3-523-91	-
	3000 K	2120 lm	1740 lm	16 W	19 W	91 lm/W	9045-6-3-897-91	-
	4000 K	2280 lm	1870 lm	16 W	19 W	98 lm/W	9045-6-3-898-91	-
46°	2700 K	2120 lm	1690 lm	16 W	19 W	88 lm/W	9045-7-3-523-91	-
	3000 K	2120 lm	1690 lm	16 W	19 W	88 lm/W	9045-7-3-897-91	-
	4000 K	2280 lm	1810 lm	16 W	19 W	95 lm/W	9045-7-3-898-91	-
Asym	2700 K	2120 lm	1620 lm	16 W	19 W	85 lm/W	9045-9-3-523-91	-
	3000 K	2120 lm	1620 lm	16 W	19 W	85 lm/W	9045-9-3-897-91	-
	4000 K	2280 lm	1740 lm	16 W	19 W	91 lm/W	9045-9-3-898-91	
Elliptical	2700 K	2120 lm	1690 lm	16 W	19 W	88 lm/W	9045-3-3-523-91	-
	3000 K	2120 lm	1690 lm	16 W	19 W	88 lm/W	9045-3-3-897-91	-
	4000 K	2280 lm	1810 lm	16 W	19 W	95 lm/W	9045-3-3-898-91	-

*for DALI option please consult your sales representative

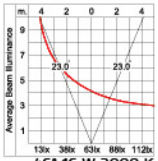
Light Distribution



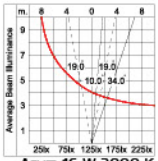
12° 16 W 3000 K



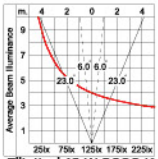
25° 16 W 3000 K



46° 16 W 3000 K



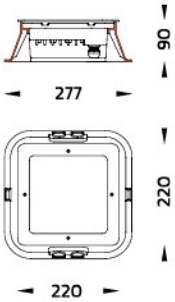
Asym 16 W 3000 K



Elliptical 16 W 3000 K

Mini Quark Square

IP67 IK 10 09



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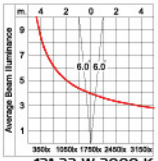
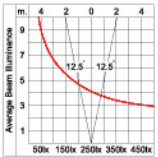
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
12°	2700 K	2880 lm	2220 lm	23 W	27 W	82 lm/W	9045-5-3-524-91	9045-5-4-524-91
	3000 K	2880 lm	2220 lm	23 W	27 W	82 lm/W	9045-5-3-867-91	9045-5-4-867-91
	4000 K	3080 lm	2860 lm	23 W	27 W	105 lm/W	9045-5-3-868-91	9045-5-4-868-91
25°	2700 K	2880 lm	2290 lm	23 W	27 W	84 lm/W	9045-6-3-524-91	9045-6-4-524-91
	3000 K	2880 lm	2290 lm	23 W	27 W	84 lm/W	9045-6-3-867-91	9045-6-4-867-91
	4000 K	3080 lm	2520 lm	23 W	27 W	93 lm/W	9045-6-3-868-91	9045-6-4-868-91
46°	2700 K	2880 lm	2210 lm	23 W	27 W	81 lm/W	9045-7-3-524-91	9045-7-4-524-91
	3000 K	2880 lm	2210 lm	23 W	27 W	81 lm/W	9045-7-3-867-91	9045-7-4-867-91
	4000 K	3080 lm	2450 lm	23 W	27 W	90 lm/W	9045-7-3-868-91	9045-7-4-868-91
Asym	2700 K	2880 lm	2110 lm	23 W	27 W	78 lm/W	9045-9-3-524-91	9045-9-4-524-91
	3000 K	2880 lm	2110 lm	23 W	27 W	78 lm/W	9045-9-3-867-91	9045-9-4-867-91
	4000 K	3080 lm	2350 lm	23 W	27 W	87 lm/W	9045-9-3-868-91	9045-9-4-868-91
Elliptical	2700 K	2880 lm	2210 lm	23 W	27 W	81 lm/W	9045-3-3-524-91	9045-3-4-524-91
	3000 K	2880 lm	2210 lm	23 W	27 W	81 lm/W	9045-3-3-867-91	9045-3-4-867-91
	4000 K	3080 lm	2450 lm	23 W	27 W	90 lm/W	9045-3-3-868-91	9045-3-4-868-91

*for DALI option please consult your sales representative

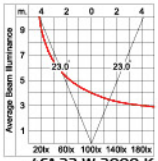
Light Distribution



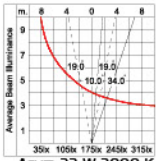
12° 23 W 3000 K



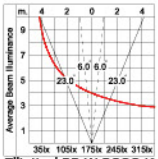
25° 23 W 3000 K



46° 23 W 3000 K



Asym 23 W 3000 K



Elliptical 23 W 3000 K

Unilamp

QUARK Round – Asymmetric

IP67 IK 10 09

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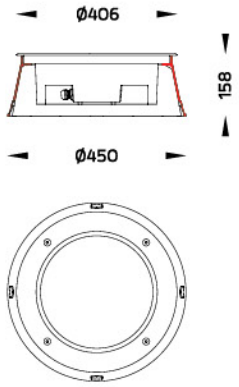
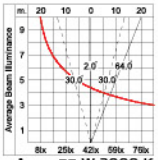


	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
Asym	3000 K	6490 lm	5020 lm	55 W	59 W	85 lm/W	9031-1-3-929-91	9031-1-4-929-91
	4000 K	6950 lm	5370 lm	55 W	59 W	91 lm/W	9031-1-3-907-91	9031-1-4-907-91

*for DALI option please consult your sales representative

Light Distribution



Asym 55 W 3000 K

QUARK Round – Bi-Symmetric

IP67 IK 10/09

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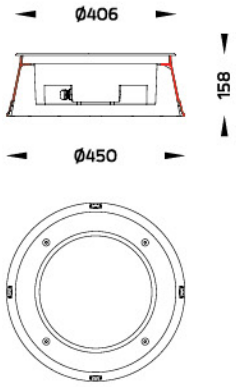
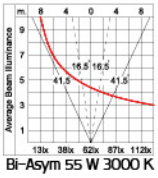


	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
Bi-Asym	3000 K	6490 lm	5370 lm	55 W	59 W	91 lm/W	9032-7-3-929-91	9032-7-4-929-91
	4000 K	6950 lm	5750 lm	55 W	59 W	97 lm/W	9032-7-3-907-91	9032-7-4-907-91

*for DALI option please consult your sales representative

Light Distribution



Bi-Asym 55 W 3000 K

Unilamp

QUARK Square – Asymmetric

IP67 IK 10/09

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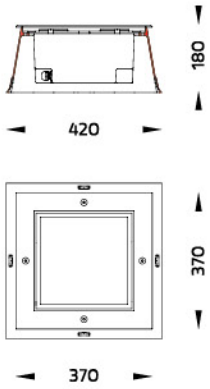
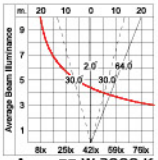


	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
Asym	3000 K	6490 lm	5020 lm	55 W	59 W	85 lm/W	9041-1-3-929-91	9041-1-4-929-91
	4000 K	6950 lm	5370 lm	55 W	59 W	91 lm/W	9041-1-3-907-91	9041-1-4-907-91

*for DALI option please consult your sales representative

Light Distribution

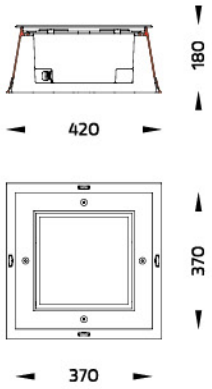


Asym 55 W 3000 K

QUARK Square – Bi-Symmetric

IP67 IK 10 09

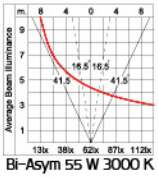
A++



	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
Bi-Asym	3000 K	6490 lm	5370 lm	55 W	59 W	91 lm/W	9042-7-3-929-91	9042-7-4-929-91
	4000 K	6950 lm	5750 lm	55 W	59 W	97 lm/W	9042-7-3-907-91	9042-7-4-907-91

*for DALI option please consult your sales representative

Light Distribution



Bi-Asym 55 W 3000 K

Unilamp

GRAVITON

GRAVITON

GRAVITON is designed for all kind of uplight illumination tasks where high level of illumination is needed. It is able to withstand loads up to 1000KG. It is supplied with a post-cured silicone gasket and pre-wired IP67 anti-condensation kit. **GRAVITON** is available with COB LED light source with choices of beam and color temperature. It can be used to illuminate plants, flagpoles, columns, building facades and other architectural works. We highly recommend that the luminaire lay out should be considered during specifying and planning processes.

Powerful COB Led.

Choices beam angle.

Drive over at low speed.

Post-cured treated sealing.

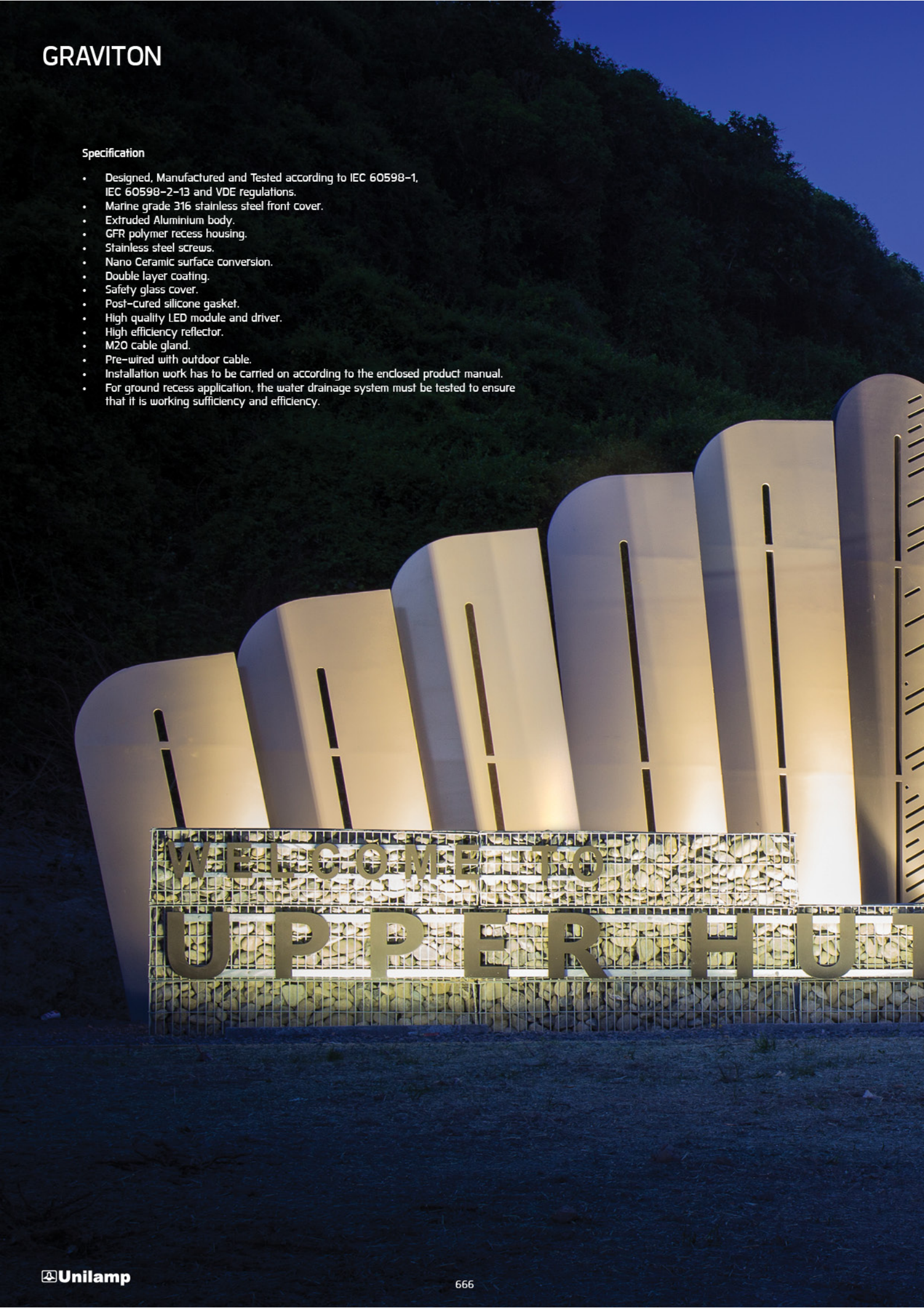
Pre-wired with anti-condensation kit.

IP68 connection accessory.

GRAVITON

Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-13 and VDE regulations.
- Marine grade 316 stainless steel front cover.
- Extruded Aluminium body.
- GFR polymer recess housing.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- High efficiency reflector.
- M20 cable gland.
- Pre-wired with outdoor cable.
- Installation work has to be carried on according to the enclosed product manual.
- For ground recess application, the water drainage system must be tested to ensure that it is working sufficiency and efficiency.



Accessories

IP68 Water Tight Connection Device for Through Wiring.
Ordering code: 9-0902-00

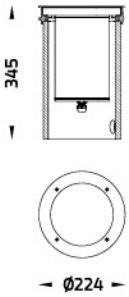
IP68 Water Tight Connecting Device Cable Diameter 7 – 12mm.
Ordering code: 9-0903-00

Gel-Filled IP68 Connector Cable Diameter 8 – 10mm.
Ordering code: 9-0905-00

Gel-Filled IP68 Connector for Through Wiring Cable Diameter 6.5 – 12mm.
Ordering code:
9-0904-00 /
0396-0-9-000-00
(for dimming interface 1-10V or Dali)

GRAVITON Round In-ground Uplighter

IP67 IK 09 09



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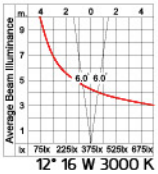
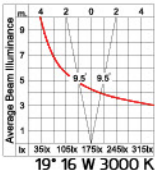
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
12°	2700 K	2300 lm	1790 lm	16 W	19 W	94 lm/W	9091-5-3-506-91	-
	3000 K	2410 lm	1870 lm	16 W	19 W	98 lm/W	9091-5-3-887-91	-
	4000 K	2470 lm	1920 lm	16 W	19 W	101 lm/W	9091-5-3-891-91	-
19°	2700 K	2300 lm	1720 lm	16 W	19 W	90 lm/W	9091-6-3-506-91	-
	3000 K	2410 lm	1810 lm	16 W	19 W	95 lm/W	9091-6-3-887-91	-
	4000 K	2470 lm	1850 lm	16 W	19 W	97 lm/W	9091-6-3-891-91	-
43°	2700 K	2300 lm	1650 lm	16 W	19 W	86 lm/W	9091-7-3-506-91	-
	3000 K	2410 lm	1730 lm	16 W	19 W	91 lm/W	9091-7-3-887-91	-
	4000 K	2470 lm	1780 lm	16 W	19 W	93 lm/W	9091-7-3-891-91	-
12°	2700 K	3160 lm	2460 lm	23 W	27 W	91 lm/W	9091-5-3-505-91	9091-5-4-505-91
	3000 K	3300 lm	2570 lm	23 W	27 W	95 lm/W	9091-5-3-902-91	9091-5-4-902-91
	4000 K	3390 lm	2640 lm	23 W	27 W	97 lm/W	9091-5-3-905-91	9091-5-4-905-91
19°	2700 K	3160 lm	2370 lm	23 W	27 W	87 lm/W	9091-6-3-505-91	9091-6-4-505-91
	3000 K	3300 lm	2480 lm	23 W	27 W	91 lm/W	9091-6-3-902-91	9091-6-4-902-91
	4000 K	3390 lm	2540 lm	23 W	27 W	94 lm/W	9091-6-3-905-91	9091-6-4-905-91
43°	2700 K	3160 lm	2270 lm	23 W	27 W	84 lm/W	9091-7-3-505-91	9091-7-4-505-91
	3000 K	3300 lm	2380 lm	23 W	27 W	88 lm/W	9091-7-3-902-91	9091-7-4-902-91
	4000 K	3390 lm	2440 lm	23 W	27 W	90 lm/W	9091-7-3-905-91	9091-7-4-905-91

*for DALI option please consult your sales representative

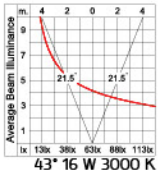
Light Distribution



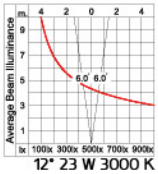
12° 16 W 3000 K



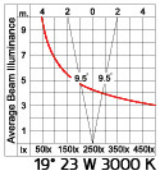
19° 16 W 3000 K



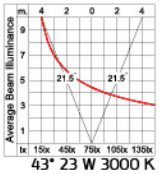
43° 16 W 3000 K



12° 23 W 3000 K



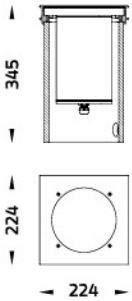
19° 23 W 3000 K



43° 23 W 3000 K

GRAVITON Square In-ground Uplighter

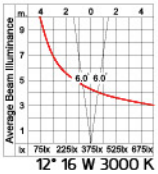
IP67 IK 09/09



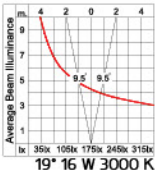
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
12°	2700 K	2300 lm	1790 lm	16 W	19 W	94 lm/W	9092-5-3-506-91	-
	3000 K	2410 lm	1870 lm	16 W	19 W	98 lm/W	9092-5-3-887-91	-
	4000 K	2470 lm	1920 lm	16 W	19 W	101 lm/W	9092-5-3-891-91	-
19°	2700 K	2300 lm	1720 lm	16 W	19 W	90 lm/W	9092-6-3-506-91	-
	3000 K	2410 lm	1810 lm	16 W	19 W	95 lm/W	9092-6-3-887-91	-
	4000 K	2470 lm	1850 lm	16 W	19 W	97 lm/W	9092-6-3-891-91	-
43°	2700 K	2300 lm	1650 lm	16 W	19 W	86 lm/W	9092-7-3-506-91	-
	3000 K	2410 lm	1730 lm	16 W	19 W	91 lm/W	9092-7-3-887-91	-
	4000 K	2470 lm	1780 lm	16 W	19 W	93 lm/W	9092-7-3-891-91	-
12°	2700 K	3160 lm	2460 lm	23 W	27 W	91 lm/W	9092-5-3-505-91	9092-5-4-505-91
	3000 K	3300 lm	2570 lm	23 W	27 W	95 lm/W	9092-5-3-902-91	9092-5-4-902-91
	4000 K	3390 lm	2640 lm	23 W	27 W	97 lm/W	9092-5-3-905-91	9092-5-4-905-91
19°	2700 K	3160 lm	2370 lm	23 W	27 W	87 lm/W	9092-6-3-505-91	9092-6-4-505-91
	3000 K	3300 lm	2480 lm	23 W	27 W	91 lm/W	9092-6-3-902-91	9092-6-4-902-91
	4000 K	3390 lm	2540 lm	23 W	27 W	94 lm/W	9092-6-3-905-91	9092-6-4-905-91
43°	2700 K	3160 lm	2270 lm	23 W	27 W	84 lm/W	9092-7-3-505-91	9092-7-4-505-91
	3000 K	3300 lm	2380 lm	23 W	27 W	88 lm/W	9092-7-3-902-91	9092-7-4-902-91
	4000 K	3390 lm	2440 lm	23 W	27 W	90 lm/W	9092-7-3-905-91	9092-7-4-905-91

*for DALI option please consult your sales representative

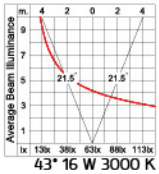
Light Distribution



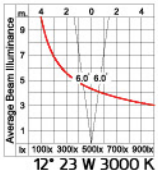
12° 16 W 3000 K



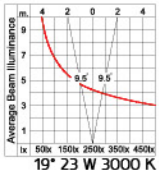
19° 16 W 3000 K



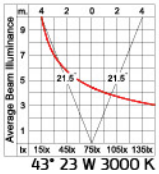
43° 16 W 3000 K



12° 23 W 3000 K



19° 23 W 3000 K



43° 23 W 3000 K

QUANTUM

QUANTUM

QUANTUM is a walk-over and drive-over inground uplighter with symmetrical light distribution. It is available with COB LED light source with choices of beam and color temperature. The luminaire housing separates LED and driver compartment to achieve lower operating temperature and longer service time.
QUANTUM has an extensive range of connecting accessories to simplify the installation process. It has to be installed in the ground with the GFR polymer ground-recessed housing. To avoid installation issues and add another level of safety, it is pre-wired and is fitted with an anti condensation device. It is perfect for illuminating plants, flagpoles, columns, building facades and also architectural works and landmarks.

Robust construction.

Separate gear compartment.

Drive over at low speed.

Post-cured treated sealing.

Pre-wired with anti-condensation kit.

Powerful COB LED.

QUANTUM

Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-13 and VDE regulations.
- Marine grade 316 stainless steel front cover.
- LM6 die-cast aluminium body.
- GFR polymer recess housing.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- High efficiency reflector.
- M20 cable gland.
- Pre-wired with outdoor cable.
- Installation work has to be carried on according to the enclosed product manual.
- For ground recess application, the water drainage system must be tested to ensure that it is working sufficiency and efficiency.

Accessories

IP68 Water Tight Connection Device for Through Wiring.
Ordering code: 9-0902-00

IP68 Water Tight Connecting Device Cable Diameter 7 – 12mm.
Ordering code: 9-0903-00

Ground Installation Block Out
Ordering code: 9-0405-00

Gel-Filled IP68 Connector Cable Diameter 8 – 10mm.
Ordering code: 9-0905-00

Gel-Filled IP68 Connector for Through Wiring Cable Diameter 6.5 – 12mm.
Ordering code:
9-0904-00 /
0396-0-9-000-00
(for dimming interface 1-10V or Dali)

QUANTUM – Inground Uplighter

IP67 IK 08 09

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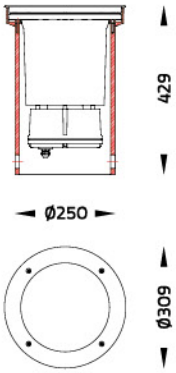
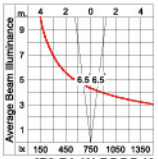


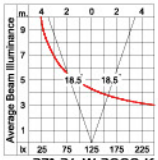
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
13°	2700 K	4840 lm	4590 lm	34 W	39 W	117 lm/W	9050-5-3-507-91	9050-5-4-507-91
	3000 K	5040 lm	4780 lm	34 W	39 W	122 lm/W	9050-5-3-903-91	9050-5-4-903-91
	4000 K	5180 lm	4920 lm	34 W	39 W	126 lm/W	9050-5-3-906-91	9050-5-4-906-91
37°	2700 K	4840 lm	4400 lm	34 W	39 W	112 lm/W	9050-7-3-507-91	9050-7-4-507-91
	3000 K	5040 lm	4620 lm	34 W	39 W	118 lm/W	9050-7-3-903-91	9050-7-4-903-91
	4000 K	5180 lm	4750 lm	34 W	39 W	121 lm/W	9050-7-3-906-91	9050-7-4-906-91

*for DALI option please consult your sales representative

Light Distribution

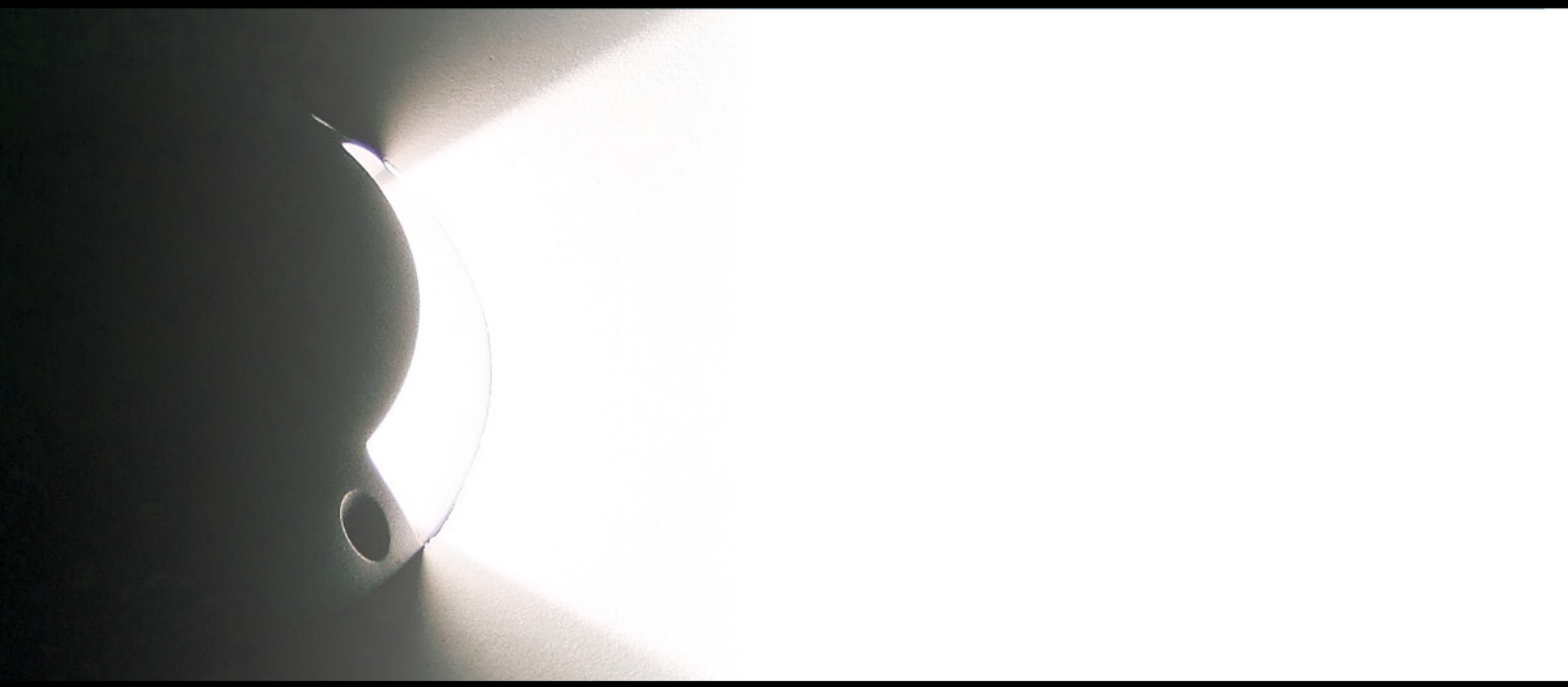


13° 34 W 3000 K



37° 34 W 3000 K

Unilamp



AYERS

AYERS

NEW! Mini AYERS

AYERS ground washer luminaires provide the users a low glare multi direction light distribution. The luminaire is able to withstand drive over applications at low speeds due to its robust high strength aluminium cover and GFR polymer recess housing. The high quality optical glass produces a high lumen output in a low silhouette fixture. Reflectors designed and optimized by Photopia engineering software plus a COB LED from renowned manufacturers allow **AYERS** a high intensity sharp light output. It is a perfect choice to illuminate ground surfaces. **AYERS** is supplied with a post-cured silicone gasket and pre-wired IP67 anti-condensation kit.

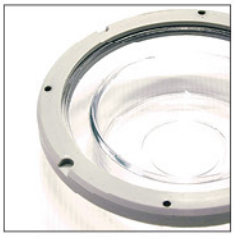
Robust construction.

Drive over at low speed.

High efficiency reflector.

High quality optical lens.

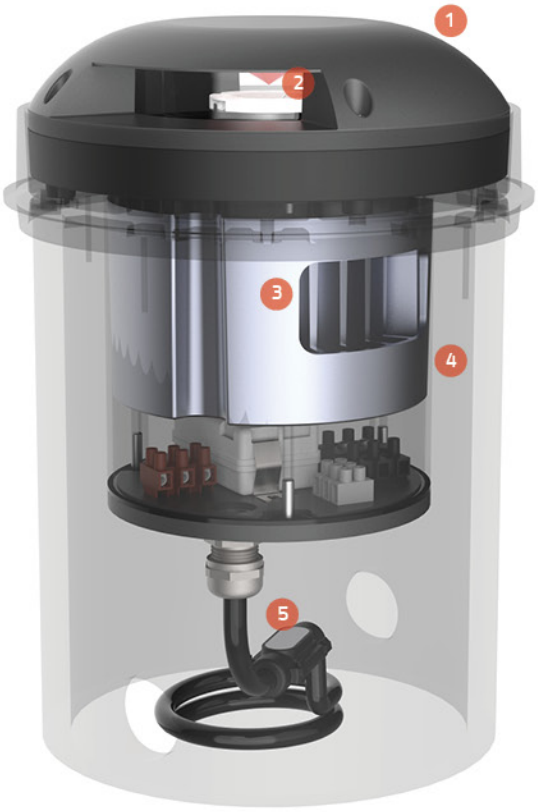
Armor shield coating.



Post-cured treated sealing.

Pre-wired with anti-condensation kit.

IP68 connection accessory.



AYERS

1. **Top Cover**
   High strength cast aluminium top cover. Impact resistant against vandalism.

2. **Reflector**
   High efficiency metalized Computer-aided design reflector.

3. **Heat Sink**
   State of Art aluminium heat sink designed by flow simulation analysis software.

4. **Body Housing**
   Corrosion resistant extruded aluminium housing with Nano Ceramic protection film.

5. **Protest against water**
   Factory sealed with cable grand and Neoprene cable with Anti-Humidity kit.

Specification

- Designed, Manufactured and tested according to IEC 60598-1, IEC 60598-2-13 and VDE regulations.
- LM6 Die Cast Aluminium, High strength Cast Aluminium and Extruded Aluminium body.
- GFR Polymer recess housing.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety pressed glass cover.
- Polycarbonate cover (Mini AYERS).
- Post-cured silicone gasket.
- High quality LED module and driver.
- High quality AC COB module (Mini AYERS).
- GFR PA6.6 Terminal block.
- M16 (Mini AYERS) and M20 cable gland.
- Pre-wired with outdoor cable.
- Installation work has to be carried on according to the enclosed product manual.
- The water drainage system must be tested to ensure that it is working sufficiency and efficiency.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Accessories

IP68 Water Tight Connection Device for Through Wiring.
Ordering code: 9-0902-00

IP68 Water Tight Connecting Device Cable Diameter 7 - 12mm.
Ordering code: 9-0903-00

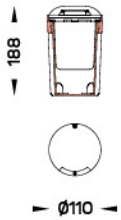
Gel-Filled IP68 Connector for Through Wiring Cable Diameter 6.5 - 12mm.
Ordering code: 9-0904-00

Gel-Filled IP68 Connector Cable Diameter 8 - 10mm.
Ordering code: 9-0905-00

Mini AYERS One Opening

IP67 IK 08/08

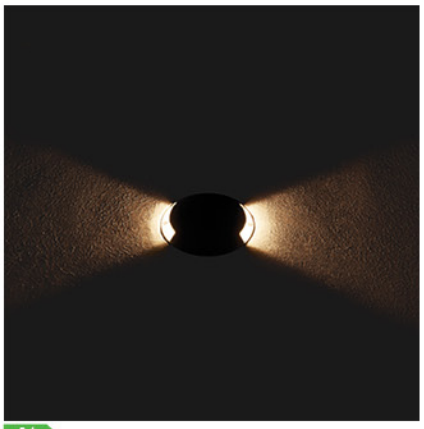
NEW Release

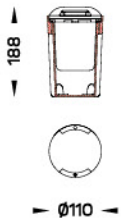


A+

Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On-Off	*1-10V*
3000 K	900 lm	42 lm	10 W	10 W	4 lm/W	9101-0-3-869-XX	-
4000 K	950 lm	44 lm	10 W	10 W	4 lm/W	9101-0-3-870-XX	-

Mini AYERS Two Opening



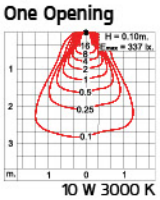


A+

Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On-Off	*1-10V*
3000 K	900 lm	61 lm	10 W	10 W	6 lm/W	9102-0-3-869-XX	-
4000 K	950 lm	64 lm	10 W	10 W	6 lm/W	9102-0-3-870-XX	-

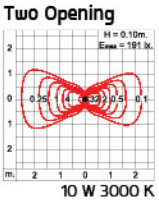
Light Distribution :

One Opening



10 W 3000 K

Two Opening

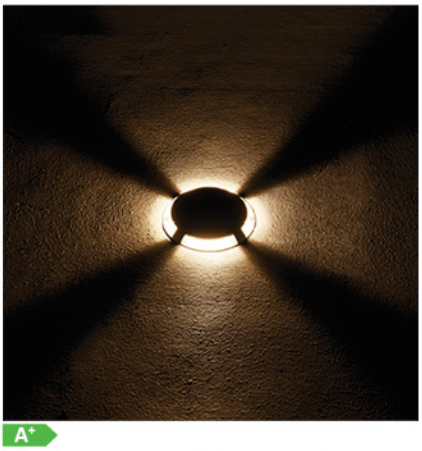


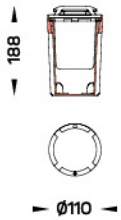
10 W 3000 K

Mini AYERS Four Opening

IP67 IK 08/08

NEW Release





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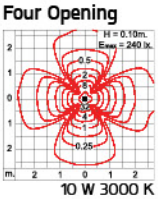
Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On-Off	*1-10V*
3000 K	900 lm	150 lm	10 W	10 W	15 lm/W	9103-0-3-869-XX	-
4000 K	950 lm	150 lm	10 W	10 W	15 lm/W	9103-0-3-870-XX	-

Light Distribution :
Four Opening

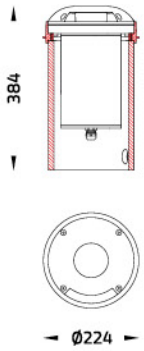


10 W 3000 K

Unilamp

AYERS One Opening

IP67 IK 10 08



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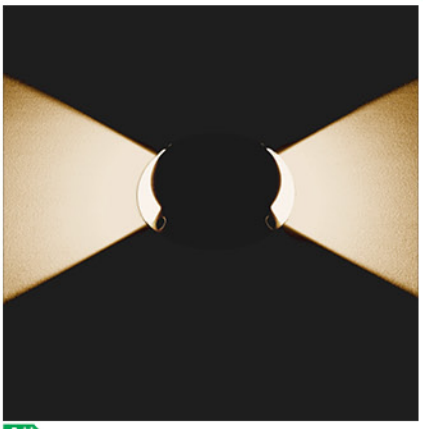
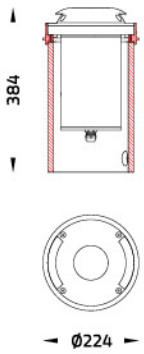
Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On-Off	*1-10V*
2700 K	2300 lm	100 lm	16 W	19 W	5 lm/W	9104-0-3-505-XX	9104-0-4-505-XX
3000 K	2410 lm	100 lm	16 W	19 W	5 lm/W	9104-0-3-902-XX	9104-0-4-902-XX
4000 K	2470 lm	100 lm	16 W	19 W	5 lm/W	9104-0-3-905-XX	9104-0-4-905-XX

*for DALI option please consult your sales representative

AYERS Two Opening





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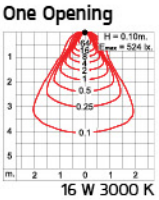
Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
						On-Off	*1-10V*
2700 K	2300 lm	190 lm	16 W	19 W	10 lm/W	9105-0-3-505-XX	9105-0-4-505-XX
3000 K	2410 lm	200 lm	16 W	19 W	10 lm/W	9105-0-3-902-XX	9105-0-4-902-XX
4000 K	2470 lm	200 lm	16 W	19 W	10 lm/W	9105-0-3-905-XX	9105-0-4-905-XX

*for DALI option please consult your sales representative

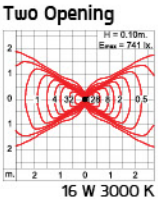
Light Distribution :

One Opening



16 W 3000 K

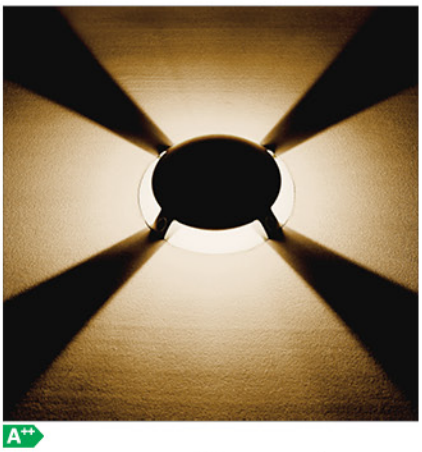
Two Opening

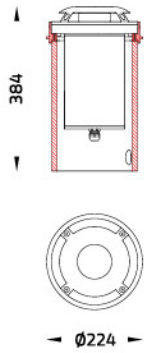


16 W 3000 K

AYERS Four Opening

IP67 IK 10 08





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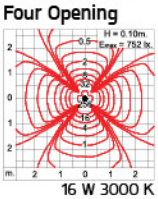
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
	2700 K	2300 lm	390 lm	16 W	19 W	20 lm/W	9106-0-3-505-XX	9106-0-4-505-XX
	3000 K	2410 lm	410 lm	16 W	19 W	21 lm/W	9106-0-3-902-XX	9106-0-4-902-XX
	4000 K	2470 lm	420 lm	16 W	19 W	22 lm/W	9106-0-3-905-XX	9106-0-4-905-XX

*for DALI option please consult your sales representative

Light Distribution :
Four Opening



16 W 3000 K

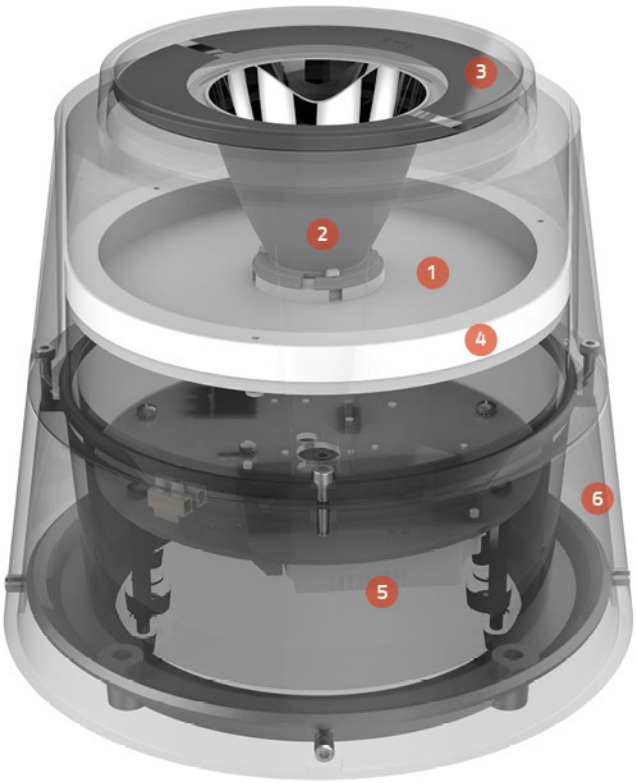
Unilamp

SHOOTER

SHOOTER

NEW! Mini SHOOTER

SHOOTER is a rigid ground-surface uplighter made of a corrosion resistant LM6 aluminium housing passivated with Nano ceramic and double coated with super durable paint. **SHOOTER** is engineered from the beginning to be an ultra reliable IP67 luminaire and be able to withstand harmful impact. The LED used in this luminaire is produced by market leading manufacturer with the choices of three different color temperatures from 2700K, 3000K or 4000K in high color consistency and outstanding CRI. It is suitable for installation where a typical in-ground uplighter cannot be used or a cost effective solution is necessary. This luminaire is ideal for illumination of columns, panels, blocks, and plants.



SHOOTER

1. **LED Module**
   High Power LED in COB technology.
   3000K and 4000K.
   CRI >80 / 3-Step MacAdam Ellipse.

2. **Reflector**
   Photopia-Designed anodized AL reflector.

3. **Safety Glass**
   Ultra white safety tempered glass cover.
   Protect against mechanical impact.
   Withstand the temperature up to 250°C.

4. **Heat Sink**
   Integrated CFC-AL© heat sink.
   Designed and tested under ambient thermal condition Ta 40°C.

5. **Control Gear**
   High quality Constant Current driver.
   Conforms to safety and EMC regulation.

6. **Body Housing**
   Enhanced LM6 die-cast aluminium body.
   Low copper content (<0.1%)
   Uitilize 16 stages pre-treatment and coating process.

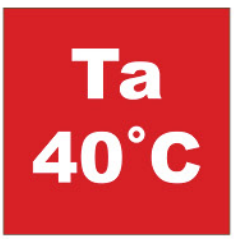
Robust aluminium construction.

Armor shield coating.

Get rid of typical inground luminaire problems.

Durable LED driver.

High quality COB LED.



Designed and tested under ambient thermal condition Ta 40°C.

SHOOTER

Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-1 and VDE regulations.
- LM6 die-cast aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- High efficiency reflector.
- M20 cable gland.
- Pre-wired with outdoor cable.
- Installation work has to be carried on according to the enclosed product manual.

Accessories

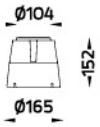
Anchor bolt kit for concrete foundation installing. (not for mini SHOOTER)
Ordering code: 9-2015-00

Glare Shield Ring for COB. (not for mini SHOOTER)
Ordering code: 0268-0-9-000-00

Mini SHOOTER

IP67 IK 08/07

NEW Release



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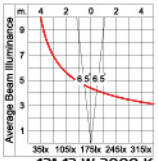
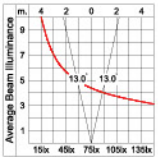
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
13°	2700 K	1550 lm	1430 lm	12 W	14 W	102 lm/W	9901-5-3-503-XX	9901-5-4-503-XX
	3000 K	1620 lm	1500 lm	12 W	14 W	107 lm/W	9901-5-3-901-XX	9901-5-4-901-XX
	4000 K	1660 lm	1530 lm	12 W	14 W	109 lm/W	9901-5-3-904-XX	9901-5-4-904-XX
26°	2700 K	1550 lm	1370 lm	12 W	14 W	97 lm/W	9901-6-3-503-XX	9901-6-4-503-XX
	3000 K	1620 lm	1440 lm	12 W	14 W	102 lm/W	9901-6-3-901-XX	9901-6-4-901-XX
	4000 K	1660 lm	1470 lm	12 W	14 W	105 lm/W	9901-6-3-904-XX	9901-6-4-904-XX
42°	2700 K	1550 lm	1250 lm	12 W	14 W	89 lm/W	9901-7-3-503-XX	9901-7-4-503-XX
	3000 K	1620 lm	1310 lm	12 W	14 W	93 lm/W	9901-7-3-901-XX	9901-7-4-901-XX
	4000 K	1660 lm	1340 lm	12 W	14 W	95 lm/W	9901-7-3-904-XX	9901-7-4-904-XX

*for DALI option please consult your sales representative

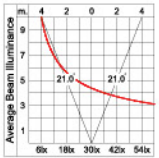
Light Distribution



13° 12 W 3000 K



26° 12 W 3000 K



42° 12 W 3000 K

PROMENADA

SHOOTER

IP67 IK 10/07

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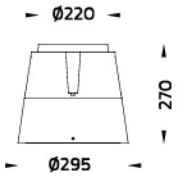
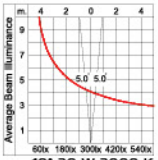


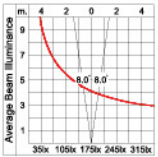
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
10°	3000 K	1800 lm	1280 lm	20 W	20 W	64 lm/W	9900-5-3-873-XX	-
	4000 K	1900 lm	1340 lm	20 W	20 W	67 lm/W	9900-5-3-874-XX	-
16°	3000 K	1800 lm	1270 lm	20 W	20 W	63 lm/W	9900-6-3-873-XX	-
	4000 K	1900 lm	1350 lm	20 W	20 W	67 lm/W	9900-6-3-874-XX	-
38°	3000 K	1800 lm	1250 lm	20 W	20 W	62 lm/W	9900-7-3-873-XX	-
	4000 K	1900 lm	1310 lm	20 W	20 W	65 lm/W	9900-7-3-874-XX	-
12°	2700 K	3160 lm	2710 lm	23 W	26 W	104 lm/W	9900-5-3-506-XX	9900-5-4-506-XX
	3000 K	3300 lm	2830 lm	23 W	26 W	108 lm/W	9900-5-3-887-XX	9900-5-4-887-XX
	4000 K	3390 lm	2910 lm	23 W	26 W	111 lm/W	9900-5-3-891-XX	9900-5-4-891-XX
19°	2700 K	3160 lm	2310 lm	23 W	26 W	88 lm/W	9900-6-3-506-XX	9900-6-4-506-XX
	3000 K	3300 lm	2420 lm	23 W	26 W	93 lm/W	9900-6-3-887-XX	9900-6-4-887-XX
	4000 K	3390 lm	2490 lm	23 W	26 W	95 lm/W	9900-6-3-891-XX	9900-6-4-891-XX
43°	2700 K	3160 lm	2330 lm	23 W	26 W	89 lm/W	9900-7-3-506-XX	9900-7-4-506-XX
	3000 K	3300 lm	2440 lm	23 W	26 W	93 lm/W	9900-7-3-887-XX	9900-7-4-887-XX
	4000 K	3390 lm	2510 lm	23 W	26 W	96 lm/W	9900-7-3-891-XX	9900-7-4-891-XX

*for DALI option please consult your sales representative

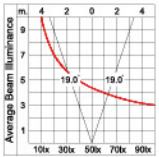
Light Distribution



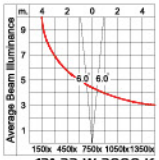
10° 20 W 3000 K



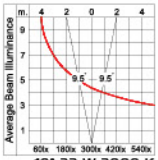
16° 20 W 3000 K



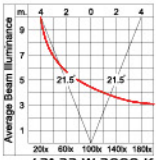
38° 20 W 3000 K



12° 23 W 3000 K



19° 23 W 3000 K



43° 23 W 3000 K

SHOOTER

IP67 IK 10/07

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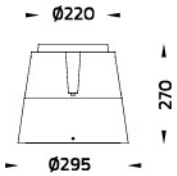
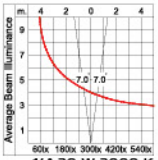


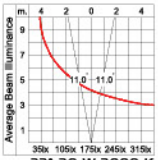
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On-Off	*1-10V*
14°	3000 K	2700 lm	2040 lm	30 W	30 W	68 lm/W	9900-5-3-877-XX	-
	4000 K	2850 lm	2150 lm	30 W	30 W	71 lm/W	9900-5-3-878-XX	-
22°	3000 K	2700 lm	2040 lm	30 W	30 W	68 lm/W	9900-6-3-877-XX	-
	4000 K	2850 lm	2150 lm	30 W	30 W	71 lm/W	9900-6-3-878-XX	-
47°	3000 K	2700 lm	2000 lm	30 W	30 W	66 lm/W	9900-7-3-877-XX	-
	4000 K	2850 lm	2110 lm	30 W	30 W	70 lm/W	9900-7-3-878-XX	-
12°	2700 K	4590 lm	3610 lm	36 W	41 W	88 lm/W	9900-5-3-505-XX	-
	3000 K	4790 lm	3770 lm	36 W	41 W	91 lm/W	9900-5-3-902-XX	-
	4000 K	4920 lm	3880 lm	36 W	41 W	94 lm/W	9900-5-3-905-XX	-
19°	2700 K	4590 lm	3190 lm	36 W	41 W	77 lm/W	9900-6-3-505-XX	-
	3000 K	4790 lm	3330 lm	36 W	41 W	81 lm/W	9900-6-3-902-XX	-
	4000 K	4920 lm	3430 lm	36 W	41 W	83 lm/W	9900-6-3-905-XX	-
43°	2700 K	4590 lm	3170 lm	36 W	41 W	77 lm/W	9900-7-3-505-XX	-
	3000 K	4790 lm	3310 lm	36 W	41 W	80 lm/W	9900-7-3-902-XX	-
	4000 K	4920 lm	3400 lm	36 W	41 W	82 lm/W	9900-7-3-905-XX	-

*for DALI option please consult your sales representative

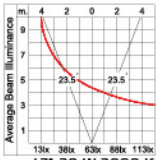
Light Distribution



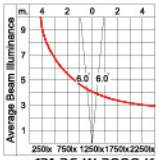
14° 30 W 3000 K



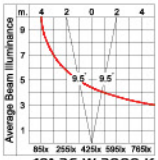
22° 30 W 3000 K



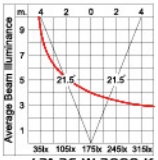
47° 30 W 3000 K



12° 36 W 3000 K



19° 36 W 3000 K



43° 36 W 3000 K

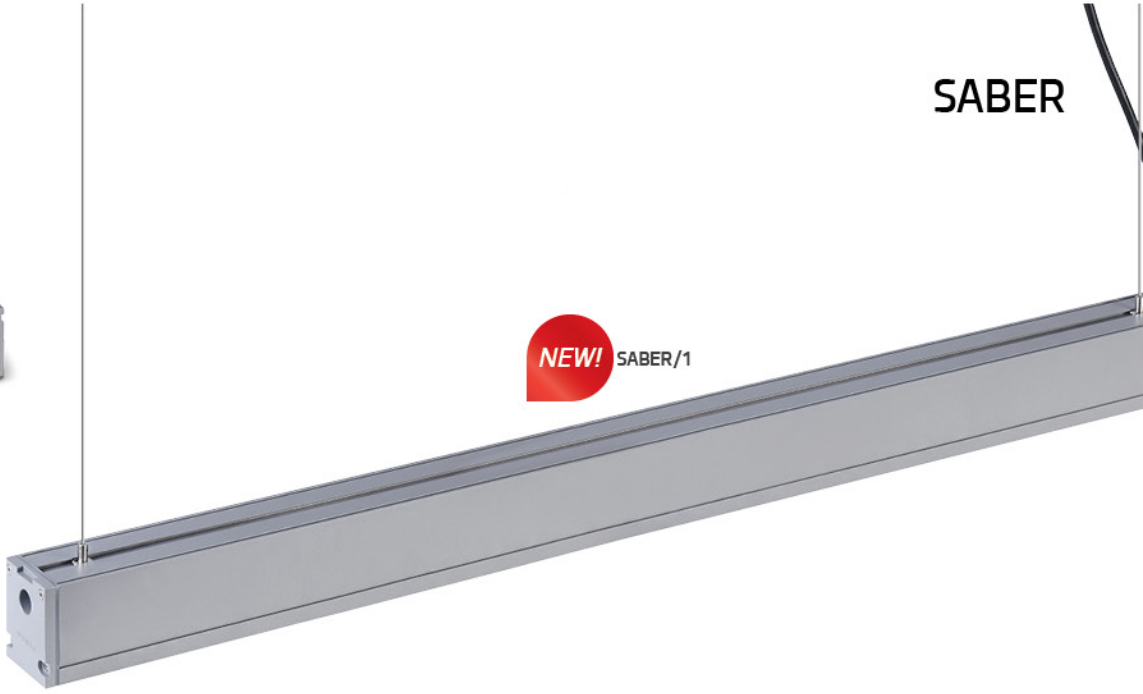
Unilamp

SABER

SABER

NEW! SABER/1

SABER's versatility lies in its ability to be mounted as a walk-over inground uplighter or surface washer, wall mount and ceiling suspension luminaire. Equipped with high power LED light source and optical lens system in symmetrical and asymmetrical wall wash light distribution with the choice of two different color temperatures in 3000K or 4000K with superior color consistency and high CRI. The shallow luminaire design minimizes the necessary recess depth thus makes SABER suitable for either indoor or outdoor application. It is perfect to illuminate architectural features such as office blocks, buildings, hotels and resorts. The ground recess version is available with gel-filled IP68 connecting accessories for through wiring and trouble-free installation.



NEW! SABER/1

Low surface temperature.

IP68 connecting accessories.

High quality LED from Philips Lumiled.

Coated with Nano Ceramic film.

Approved components.

Can be walked over.

SABER

Specification

- Designed, Manufactured and Tested according to IEC 60598-1, IEC 60598-2-1, IEC 60598-2-13 and VDE regulations.
- LM6 die-cast aluminium and Extruded aluminium body.
- Steel recess housing.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module and driver.
- Molded Lens from renowned manufacturer.
- M20 cable gland.
- Inground uplighter pre-wired with outdoor cable.
- Installation work has to be carried on according to the enclosed product manual.
- For ground recess application, the water drainage system must be tested to ensure that it is working sufficiency and efficiency.

Available Color

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Accessories

Recess Housing for ground installation
(for Ground Recess version)

Ordering Code	Lamps	LxWxH (mm)
9-9000-51	LED 17 W	655x128x145
9-9001-51	LED 34 W	1243x128x145

IP68 Water Tight Connecting Device.
Cable diameter 7 – 12mm.
Ordering code: 9-0903-00

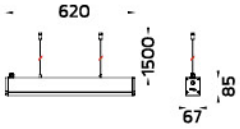
IP68 watertight connecting device for through wiring
Ordering code: 9-0902-00

Gel-Filler IP68 connector for through wiring.
Cable diameter 6.5 – 12mm.
Ordering code: 9-0904-00

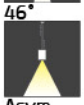
Gel-Filled IP68 connector.
Cable diameter 8 – 10mm.
Ordering code: 9-0905-00

SABER/1 – Suspension LED

IP65 IK 10/07

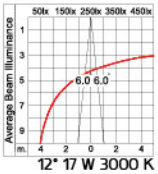


A+

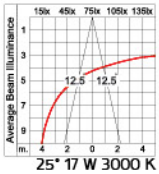
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
12°	3000 K	1740 lm	920 lm	17 W	21 W	43 lm/W	1227-5-3-893-XX	–
	4000 K	1860 lm	980 lm	17 W	21 W	46 lm/W	1227-5-3-894-XX	–
25°	3000 K	1740 lm	860 lm	17 W	21 W	40 lm/W	1227-6-3-893-XX	–
	4000 K	1860 lm	920 lm	17 W	21 W	43 lm/W	1227-6-3-894-XX	–
46° 	3000 K	1740 lm	820 lm	17 W	21 W	39 lm/W	1227-7-3-893-XX	–
	4000 K	1860 lm	870 lm	17 W	21 W	41 lm/W	1227-7-3-894-XX	–
Asym	3000 K	1740 lm	1430 lm	17 W	21 W	68 lm/W	1227-9-3-893-XX	–
	4000 K	1860 lm	1520 lm	17 W	21 W	72 lm/W	1227-9-3-894-XX	–

*for DALI option please consult your sales representative

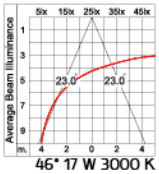
Light Distribution



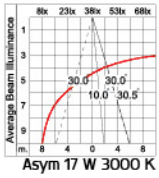
12° 17 W 3000 K



25° 17 W 3000 K



46° 17 W 3000 K



Asym 17 W 3000 K

SABER/1 – Suspension LED

IP65 IK 10/07

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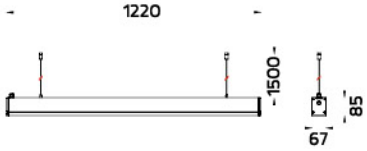
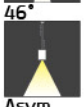
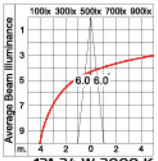


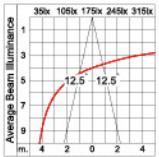
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
12°	3000 K	3480 lm	1620 lm	34 W	39 W	41 lm/W	1228-5-3-893-XX	–
	4000 K	3720 lm	1720 lm	34 W	39 W	44 lm/W	1228-5-3-894-XX	–
25°	3000 K	3480 lm	1530 lm	34 W	39 W	39 lm/W	1228-6-3-893-XX	–
	4000 K	3720 lm	1630 lm	34 W	39 W	41 lm/W	1228-6-3-894-XX	–
46° 	3000 K	3480 lm	1470 lm	34 W	39 W	37 lm/W	1228-7-3-893-XX	–
	4000 K	3720 lm	1560 lm	34 W	39 W	40 lm/W	1228-7-3-894-XX	–
Asym	3000 K	3480 lm	2090 lm	34 W	39 W	53 lm/W	1228-9-3-893-XX	–
	4000 K	3720 lm	2220 lm	34 W	39 W	56 lm/W	1228-9-3-894-XX	–

*for DALI option please consult your sales representative

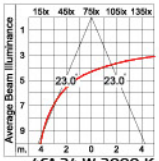
Light Distribution



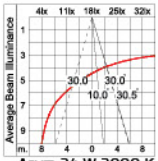
12° 34 W 3000 K



25° 34 W 3000 K



46° 34 W 3000 K

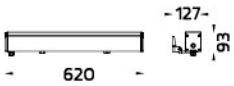


Asym 34 W 3000 K

Unilamp

SABER/1 – Wall Washer LED

IP65 IK 10/07



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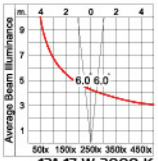
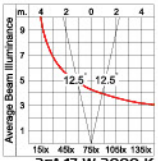
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
12°	3000 K	1740 lm	920 lm	17 W	21 W	43 lm/W	8027-5-3-893-XX	–
	4000 K	1860 lm	980 lm	17 W	21 W	46 lm/W	8027-5-3-894-XX	–
25°	3000 K	1740 lm	860 lm	17 W	21 W	40 lm/W	8027-6-3-893-XX	–
	4000 K	1860 lm	920 lm	17 W	21 W	43 lm/W	8027-6-3-894-XX	–
46°	3000 K	1740 lm	820 lm	17 W	21 W	39 lm/W	8027-7-3-893-XX	–
	4000 K	1860 lm	870 lm	17 W	21 W	41 lm/W	8027-7-3-894-XX	–
Asym	3000 K	1740 lm	1430 lm	17 W	21 W	68 lm/W	8027-9-3-893-XX	–
	4000 K	1860 lm	1520 lm	17 W	21 W	72 lm/W	8027-9-3-894-XX	–

*for DALI option please consult your sales representative

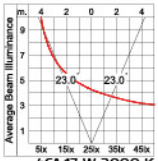
Light Distribution



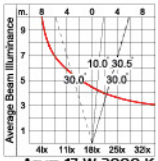
12° 17 W 3000 K



25° 17 W 3000 K



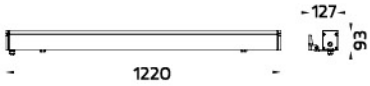
46° 17 W 3000 K



Asym 17 W 3000 K

SABER/1 – Wall Washer LED

IP65 IK 10/07



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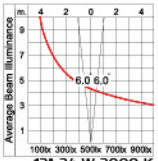
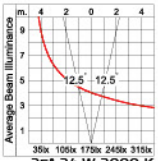
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
12°	3000 K	3480 lm	1620 lm	34 W	39 W	41 lm/W	8028-5-3-893-XX	–
	4000 K	3720 lm	1720 lm	34 W	39 W	44 lm/W	8028-5-3-894-XX	–
25°	3000 K	3480 lm	1530 lm	34 W	39 W	39 lm/W	8028-6-3-893-XX	–
	4000 K	3720 lm	1630 lm	34 W	39 W	41 lm/W	8028-6-3-894-XX	–
46°	3000 K	3480 lm	1470 lm	34 W	39 W	37 lm/W	8028-7-3-893-XX	–
	4000 K	3720 lm	1560 lm	34 W	39 W	40 lm/W	8028-7-3-894-XX	–
Asym	3000 K	3480 lm	2090 lm	34 W	39 W	53 lm/W	8028-9-3-893-XX	–
	4000 K	3720 lm	2220 lm	34 W	39 W	56 lm/W	8028-9-3-894-XX	–

*for DALI option please consult your sales representative

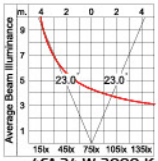
Light Distribution



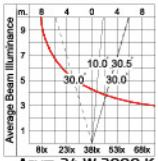
12° 34 W 3000 K



25° 34 W 3000 K



46° 34 W 3000 K

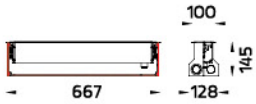


Asym 34 W 3000 K

Unilamp

SABER – Ground Recess LED

IP67 IK 10/07

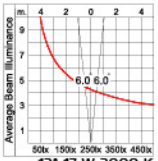


A+

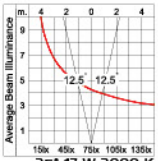
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
12°	3000 K	1740 lm	920 lm	17 W	21 W	43 lm/W	9064-5-3-893-XX	–
	4000 K	1860 lm	980 lm	17 W	21 W	46 lm/W	9064-5-3-894-XX	–
25°	3000 K	1740 lm	860 lm	17 W	21 W	40 lm/W	9064-6-3-893-XX	–
	4000 K	1860 lm	920 lm	17 W	21 W	43 lm/W	9064-6-3-894-XX	–
46°	3000 K	1740 lm	820 lm	17 W	21 W	39 lm/W	9064-7-3-893-XX	–
	4000 K	1860 lm	870 lm	17 W	21 W	41 lm/W	9064-7-3-894-XX	–
Asym	3000 K	1740 lm	1430 lm	17 W	21 W	68 lm/W	9064-9-3-893-XX	–
	4000 K	1860 lm	1520 lm	17 W	21 W	72 lm/W	9064-9-3-894-XX	–

*for DALI option please consult your sales representative

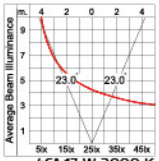
Light Distribution



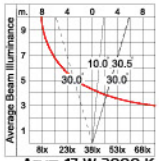
12° 17 W 3000 K



25° 17 W 3000 K



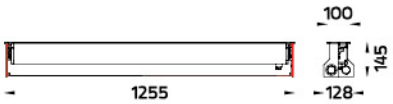
46° 17 W 3000 K



Asym 17 W 3000 K

SABER – Ground Recess LED

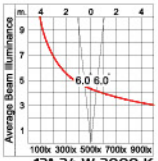
IP67 IK 10/07



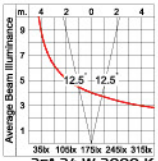
	Color Temperature	Lamp Lumen	Luminaire Lumen	Lamp Wattage	Luminaire Wattage	Efficacy	Ordering Code	
							On–Off	*1–10V*
12°	3000 K	3480 lm	1620 lm	34 W	39 W	41 lm/W	9065-5-3-893-XX	–
	4000 K	3720 lm	1720 lm	34 W	39 W	44 lm/W	9065-5-3-894-XX	–
25°	3000 K	3480 lm	1530 lm	34 W	39 W	39 lm/W	9065-6-3-893-XX	–
	4000 K	3720 lm	1630 lm	34 W	39 W	41 lm/W	9065-6-3-894-XX	–
46°	3000 K	3480 lm	1470 lm	34 W	39 W	37 lm/W	9065-7-3-893-XX	–
	4000 K	3720 lm	1560 lm	34 W	39 W	40 lm/W	9065-7-3-894-XX	–
Asym	3000 K	3480 lm	2090 lm	34 W	39 W	53 lm/W	9065-9-3-893-XX	–
	4000 K	3720 lm	2220 lm	34 W	39 W	56 lm/W	9065-9-3-894-XX	–

*for DALI option please consult your sales representative

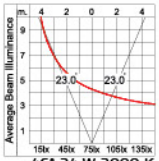
Light Distribution



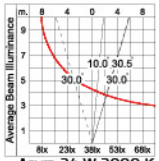
12° 34 W 3000 K



25° 34 W 3000 K



46° 34 W 3000 K

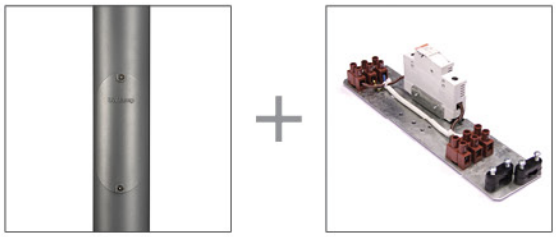


Asym 34 W 3000 K

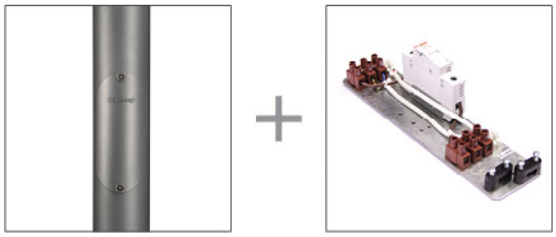
Unilamp

Unilamp

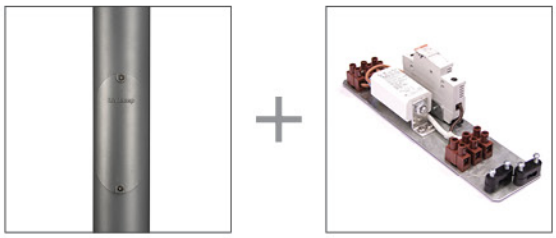
POLE AND ANCHOR BOLT KIT



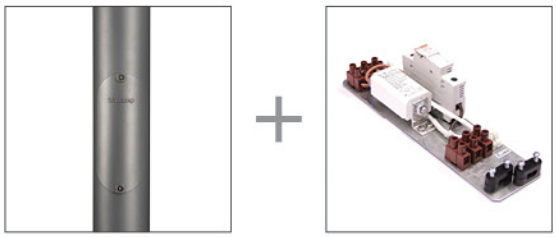
Aluminium Pole / Gavalnized Steel Pole including 16A fuse.



Aluminium Pole / Gavalnized Steel Pole including
16A fuse and preparation for dimming interface (1-10V or Dali).



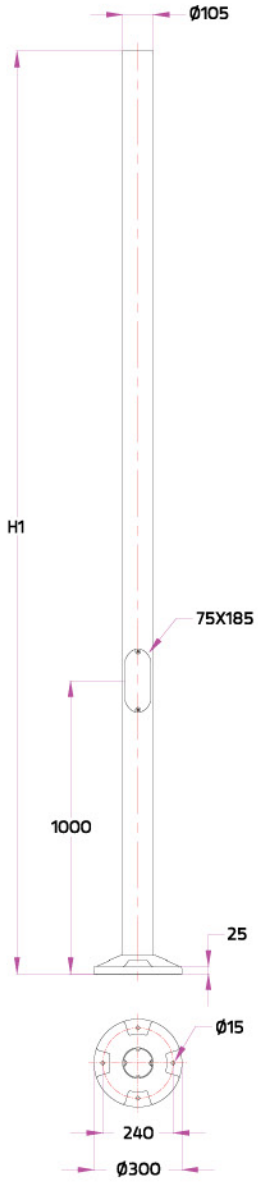
Aluminium Pole / Gavalnized Steel Pole including
16A fuse and 10kV surge protection device.



Aluminium Pole / Gavalnized Steel Pole including
16A fuse, 10kV surge protection device and
preparation for dimming interface (1-10V or Dali).

POLE AND ANCHOR BOLT KIT

Aluminium Pole



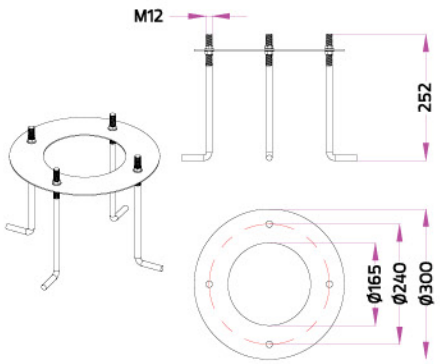
Straight Cylindical Extruded Aluminium Pole Diameter 105 mm.

Type	Ordering Code	H1 (mm.)
16A Fuse	9-1003-XX	3000
	9-1004-XX	3500
	9-1005-XX	4000
16A Fuse + Prepared for dimming	0296-0-9-000-XX	3000
	0297-0-9-000-XX	3500
	0298-0-9-000-XX	4000
16A Fuse + 10kV Surge Protector	0329-0-9-000-XX	3000
	0330-0-9-000-XX	3500
	0331-0-9-000-XX	4000
16A Fuse + 10kV Surge Protector + Prepared for dimming	0362-0-9-000-XX	3000
	0363-0-9-000-XX	3500
	0364-0-9-000-XX	4000

Available colors

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Anchor Bolt Kit for this pole
Ordering Code: 9-2020-00



For Luminaires :

RAY

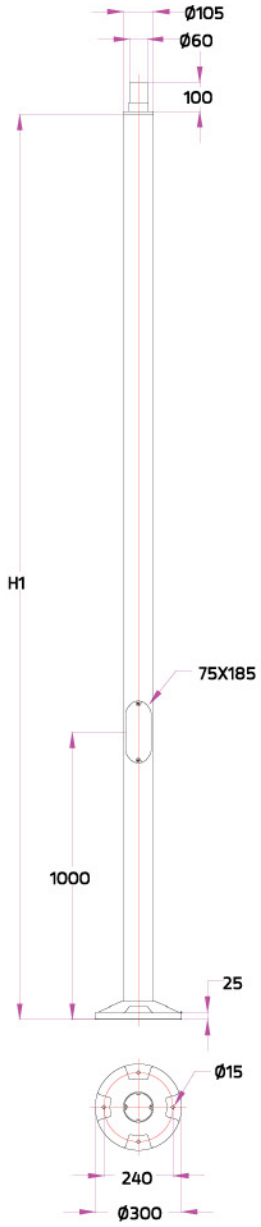
HELIOS

HELIOS

MARANELLO

BLAZE

Aluminium Pole



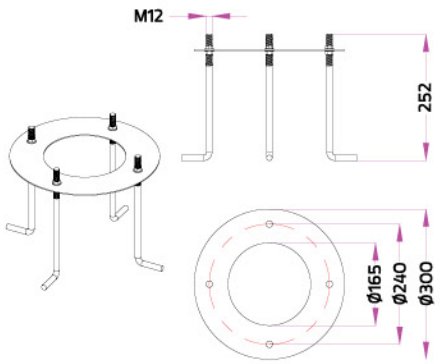
Straight Cylindical Extruded Aluminium Pole Diameter 105 mm.with Spigot Size 60 mm.

Type	Ordering Code	H1 (mm.)
16A Fuse	9-1017-XX	3000
	9-1018-XX	3500
	9-1019-XX	4000
16A Fuse + Prepared for dimming	0305-0-9-000-XX	3000
	0306-0-9-000-XX	3500
	0307-0-9-000-XX	4000
16A Fuse + 10kV Surge Protector	0338-0-9-000-XX	3000
	0339-0-9-000-XX	3500
	0340-0-9-000-XX	4000
16A Fuse + 10kV Surge Protector + Prepared for dimming	0371-0-9-000-XX	3000
	0372-0-9-000-XX	3500
	0373-0-9-000-XX	4000

Available colors

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Anchor Bolt Kit for this pole
Ordering Code: 9-2020-00



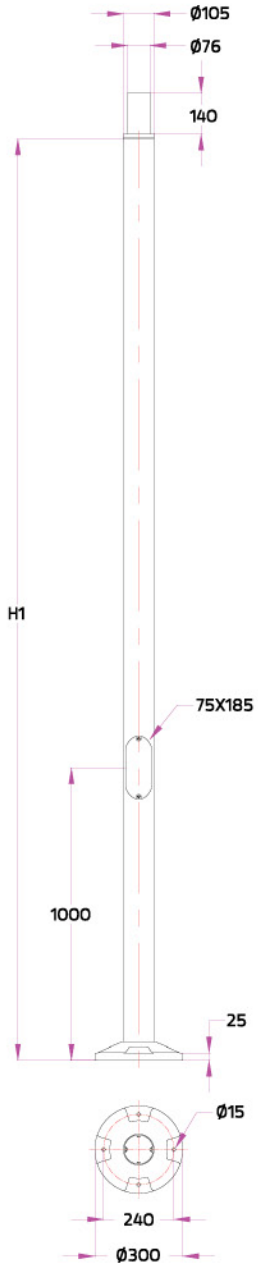
For Luminaires :

EPSYLON

NeoPLACE

POLE AND ANCHOR BOLT KIT

Aluminium Pole



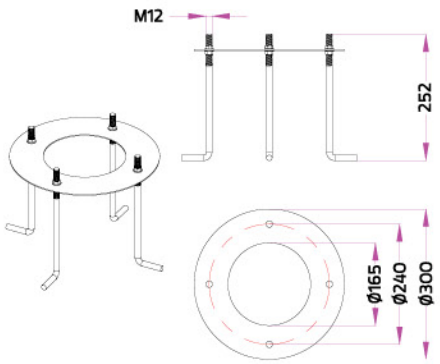
Straight Cylindical Extruded Aluminium Pole Diameter 105 mm. with Spigot Size 76 mm.

Type	Ordering Code	H1 (mm.)
16A Fuse	9-1012-XX	3000
	9-1013-XX	3500
	9-1014-XX	4000
16A Fuse + Prepared for dimming	0302-0-9-000-XX	3000
	0303-0-9-000-XX	3500
	0304-0-9-000-XX	4000
16A Fuse + 10kV Surge Protector	0335-0-9-000-XX	3000
	0336-0-9-000-XX	3500
	0337-0-9-000-XX	4000
16A Fuse + 10kV Surge Protector + Prepared for dimming	0368-0-9-000-XX	3000
	0369-0-9-000-XX	3500
	0370-0-9-000-XX	4000

Available colors

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Anchor Bolt Kit for this pole
Ordering Code: 9-2020-00



For Luminaires :

RAY Double Headed

EPSYLON Double Headed

NeoPLACE Double Headed

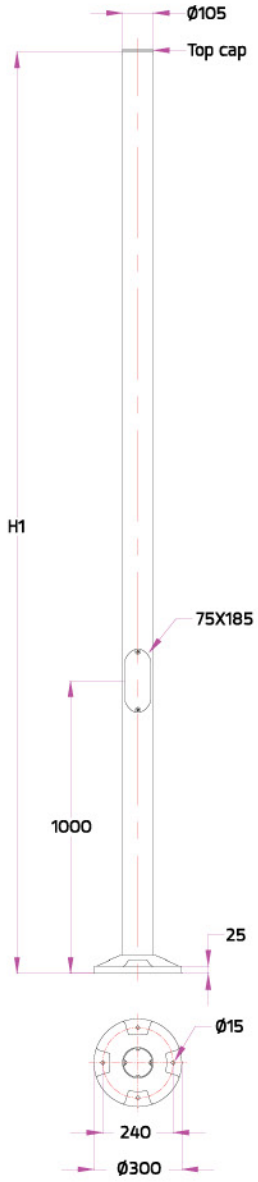
Small SIROCCO Area Light

Mini ANDROMEDA Area Light

Mega SONIC Pole Set

KUBIK Pole Set

Aluminium Pole



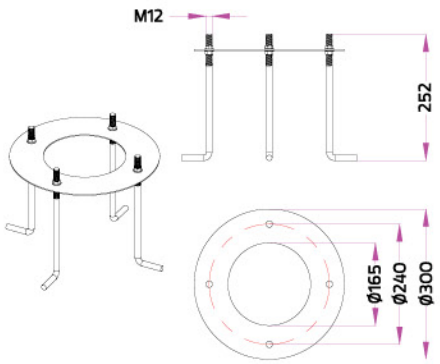
Straight Cylindical Extruded Aluminium Pole Diameter 105 mm. with Cable Outlets and Top Cap.

Type	Ordering Code	H1 (mm.)
16A Fuse	9-1042-XX	3500
	9-1043-XX	4000
16A Fuse + Prepared for dimming	0319-0-9-000-XX	3500
	0320-0-9-000-XX	4000
16A Fuse + 10kV Surge Protector	0352-0-9-000-XX	3500
	0353-0-9-000-XX	4000
16A Fuse + 10kV Surge Protector + Prepared for dimming	0385-0-9-000-XX	3500
	0386-0-9-000-XX	4000

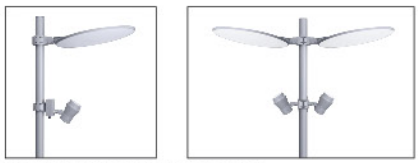
Available colors

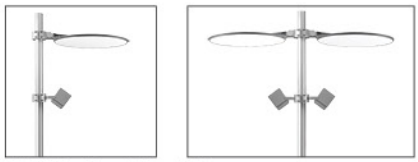
Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

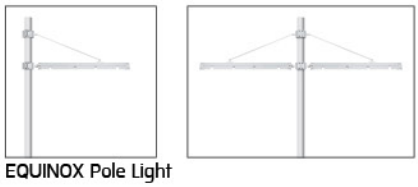
Anchor Bolt Kit for this pole
Ordering Code: 9-2020-00



For Luminaires :

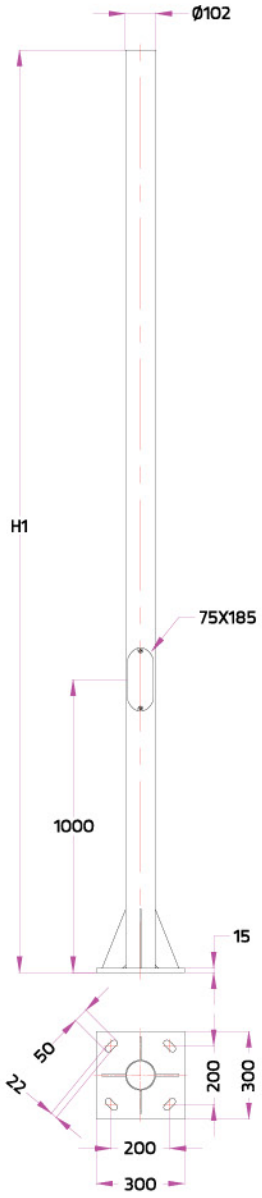

Mega SONIC Indirect Pole Light


KUBIK Indirect Pole Light


EQUINOX Pole Light

POLE AND ANCHOR BOLT KIT

Gavalnized Steel Pole



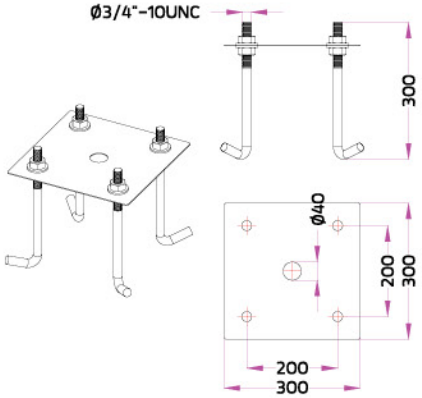
Straight Cylindical Hot-Dipped Gavalnized Steel Pole Diameter 102 mm.

Type	Ordering Code	H1 (mm.)
16A Fuse	9-1006-XX	3000
	9-1007-XX	4000
	9-1008-XX	5000
16A Fuse + Prepared for dimming	0299-0-9-000-XX	3000
	0300-0-9-000-XX	4000
	0301-0-9-000-XX	5000
16A Fuse + 10kV Surge Protector	0332-0-9-000-XX	3000
	0333-0-9-000-XX	4000
	0334-0-9-000-XX	5000
16A Fuse + 10kV Surge Protector + Prepared for dimming	0365-0-9-000-XX	3000
	0366-0-9-000-XX	4000
	0367-0-9-000-XX	5000

Available colors

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Anchor Bolt Kit for this pole
Ordering Code: 9-2023-00



For Luminaires :

RAY

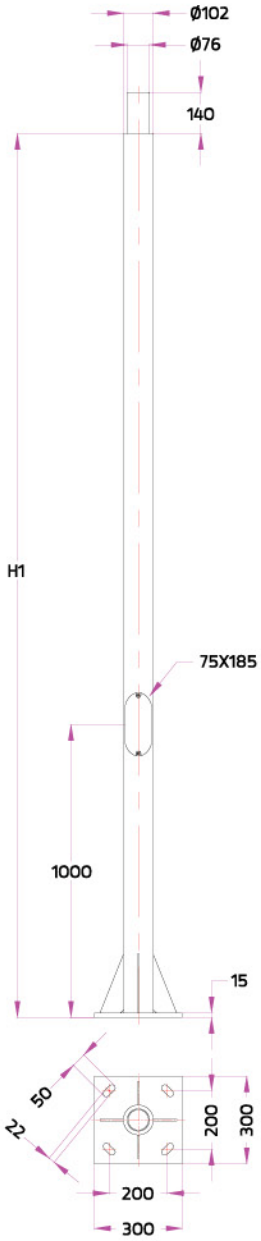
HELIOS

HELIOS

MARANELLO

BLAZE

Gavalnized Steel Pole



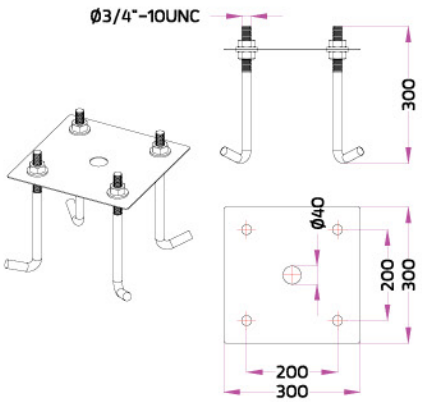
Straight Cylindical Hot-Dipped Gavalnized Steel Pole Diameter 102 mm. with Spigot Size 76 mm.

Type	Ordering Code	H1 (mm.)
16A Fuse	9-1020-XX	3000
	9-1021-XX	4000
	9-1023-XX	5000
16A Fuse + Prepared for dimming	0308-0-9-000-XX	3000
	0309-0-9-000-XX	4000
	0310-0-9-000-XX	5000
16A Fuse + 10kV Surge Protector	0341-0-9-000-XX	3000
	0342-0-9-000-XX	4000
	0343-0-9-000-XX	5000
16A Fuse + 10kV Surge Protector + Prepared for dimming	0374-0-9-000-XX	3000
	0375-0-9-000-XX	4000
	0376-0-9-000-XX	5000

Available colors

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Anchor Bolt Kit for this pole
Ordering Code: 9-2023-00



For Luminaires :

RAY Double Headed

EPSYLON Double Headed

NeoPLACE Double Headed

Small SIROCCO Area Light

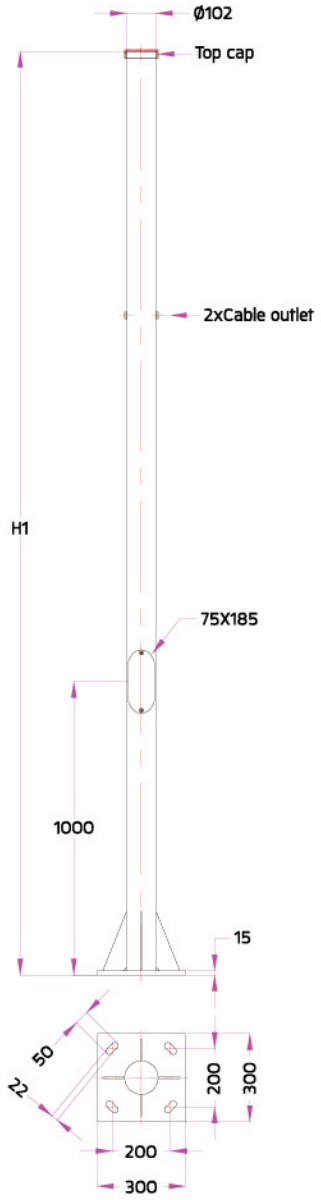
Mini ANDROMEDA Area Light

Mega SONIC Pole Set

KUBIK Pole Set

POLE AND ANCHOR BOLT KIT

Gavalnized Steel Pole



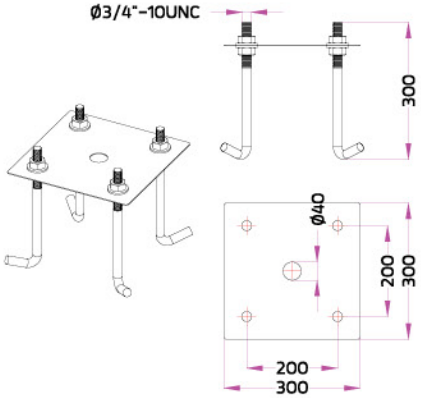
Straight Cylindical Hot-Dipped Gavalnized Steel Pole Diameter 102 mm. with Cable Outlets and Top Cap

Type	Ordering Code	H1 (mm.)
16A Fuse	9-1045-XX	4000
	9-1046-XX	5000
16A Fuse + Prepared for dimming	0321-0-9-000-XX	4000
	0322-0-9-000-XX	5000
16A Fuse + 10kV Surge Protector	0354-0-9-000-XX	4000
	0355-0-9-000-XX	5000
16A Fuse + 10kV Surge Protector + Prepared for dimming	0387-0-9-000-XX	4000
	0388-0-9-000-XX	5000

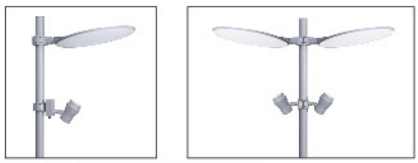
Available colors

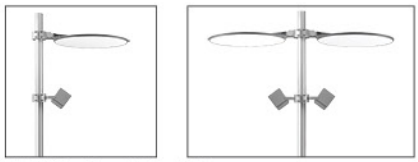
Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

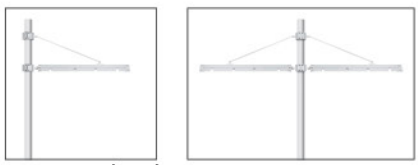
Anchor Bolt Kit for this pole
Ordering Code: 9-2023-00



For Luminaires :

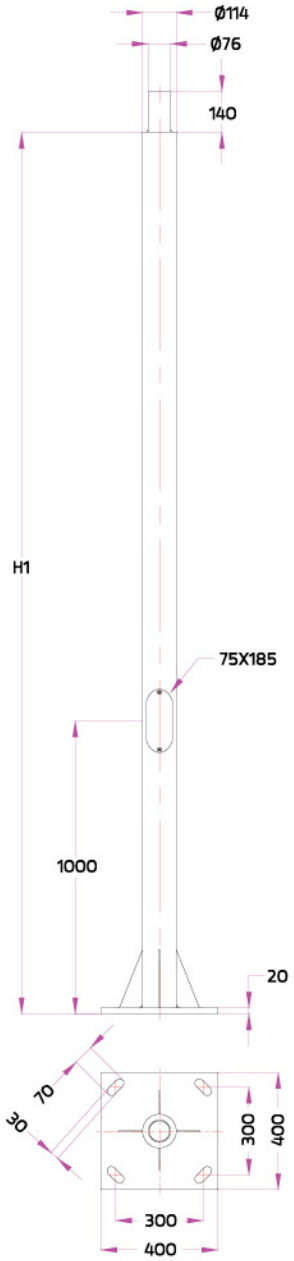

Mega SONIC Indirect Pole Light


KUBIK Indirect Pole Light


EQUINOX Pole Light

POLE AND ANCHOR BOLT KIT

Gavalnized Steel Pole



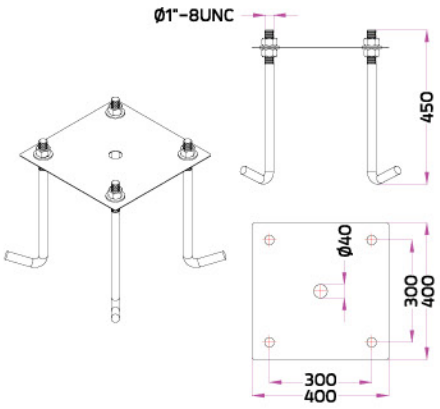
Straight Cylindical Hot-Dipped Gavalnized Steel Pole Diameter 114 mm. with Spigot Size 76 mm.

Type	Ordering Code	H1 (mm.)
16A Fuse	9-1040-XX	5000
	9-1036-XX	6000
16A Fuse + Prepared for dimming	0318-0-9-000-XX	5000
	0315-0-9-000-XX	6000
16A Fuse + 10kV Surge Protector	0351-0-9-000-XX	5000
	0348-0-9-000-XX	6000
16A Fuse + 10kV Surge Protector + Prepared for dimming	0384-0-9-000-XX	5000
	0381-0-9-000-XX	6000

Available colors

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Anchor Bolt Kit for this pole
Ordering Code: 9-2024-00

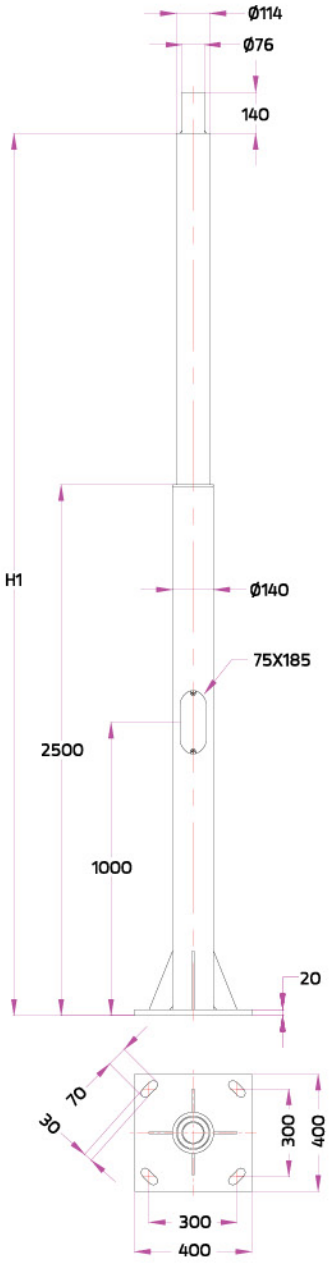


For Luminaires :

Mini ANDROMEDA Area Light

KRONOS – Area Light

Gavalnized Steel Pole



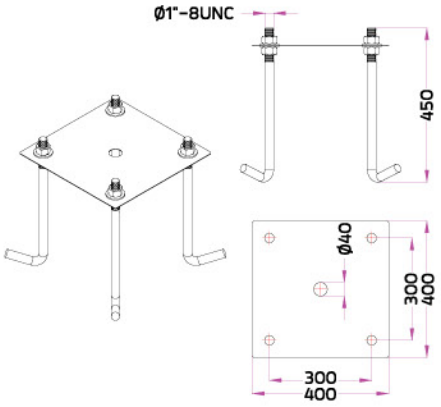
Straight Cylindical Hot-Dipped Gavalnized Steel Pole Diameter 140/114 mm. with Spigot Size 76 mm.

Type	Ordering Code	H1 (mm.)
16A Fuse	9-1037-XX	7000
	9-1038-XX	8000
16A Fuse + Prepared for dimming	0316-0-9-000-XX	7000
	0317-0-9-000-XX	8000
16A Fuse + 10kV Surge Protector	0349-0-9-000-XX	7000
	0350-0-9-000-XX	8000
16A Fuse + 10kV Surge Protector + Prepared for dimming	0382-0-9-000-XX	7000
	0383-0-9-000-XX	8000

Available colors

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Anchor Bolt Kit for this pole
Ordering Code: 9-2024-00



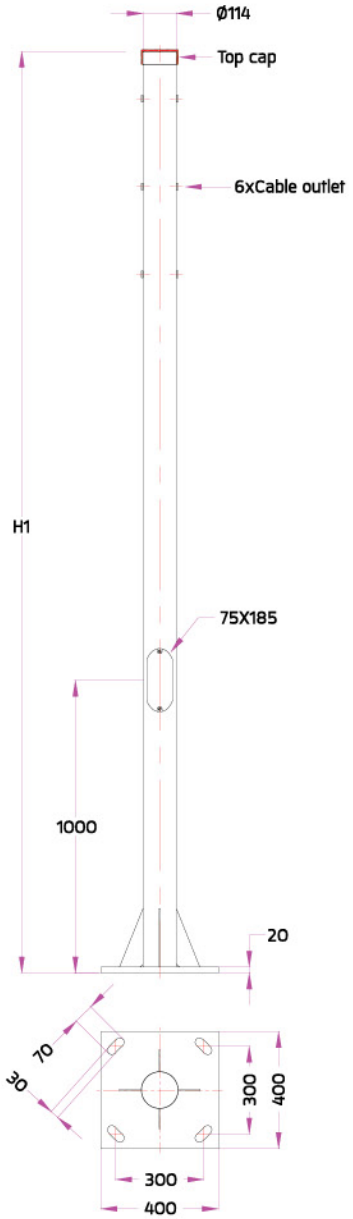
For Luminaires :

Mini ANDROMEDA Area Light

KRONOS – Area Light

POLE AND ANCHOR BOLT KIT

Gavalnized Steel Pole



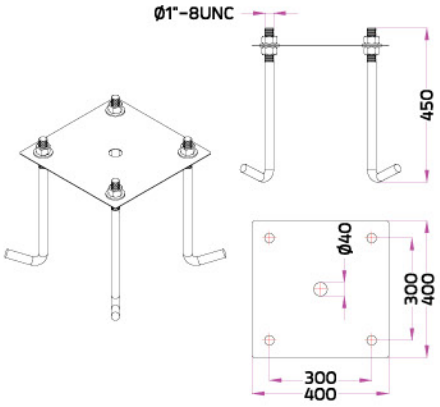
Straight Cylindical Hot-Dipped Gavalnized Steel Pole Diameter 114 mm. with Cable Outlets and Top Cap.

Type	Ordering Code	H1 (mm.)
16A Fuse	9-1031-XX	5000
	9-1032-XX	6000
16A Fuse + Prepared for dimming	0311-0-9-000-XX	5000
	0312-0-9-000-XX	6000
16A Fuse + 10kV Surge Protector	0344-0-9-000-XX	5000
	0345-0-9-000-XX	6000
16A Fuse + 10kV Surge Protector + Prepared for dimming	0377-0-9-000-XX	5000
	0378-0-9-000-XX	6000

Available colors

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

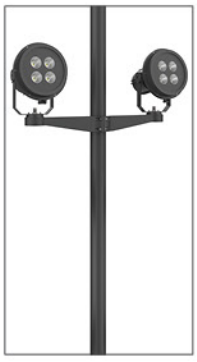
Anchor Bolt Kit for this pole
Ordering Code: 9-2024-00



For Luminaires :

CANNON280

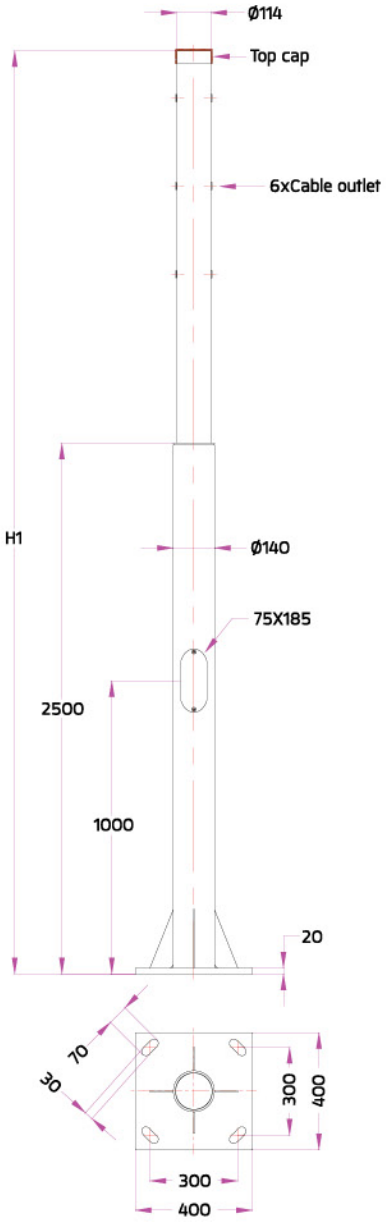
Pole Clamp



CANNON360

Pole Clamp

Gavalnized Steel Pole



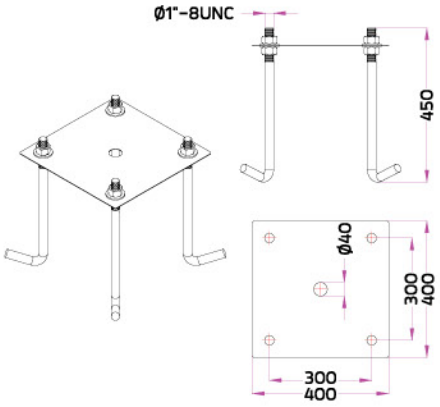
Straight Cylindical Hot-Dipped Gavalnized Steel Pole Diameter 140/114 mm. with Cable Outlets and Top Cap.

Type	Ordering Code	H1 (mm.)
16A Fuse	9-1033-XX	7000
	9-1034-XX	8000
16A Fuse + Prepared for dimming	0313-0-9-000-XX	7000
	0314-0-9-000-XX	8000
16A Fuse + 10kV Surge Protector	0346-0-9-000-XX	7000
	0347-0-9-000-XX	8000
16A Fuse + 10kV Surge Protector + Prepared for dimming	0379-0-9-000-XX	7000
	0380-0-9-000-XX	8000

Available colors

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Anchor Bolt Kit for this pole
Ordering Code: 9-2024-00



For Luminaires :

CANNON280

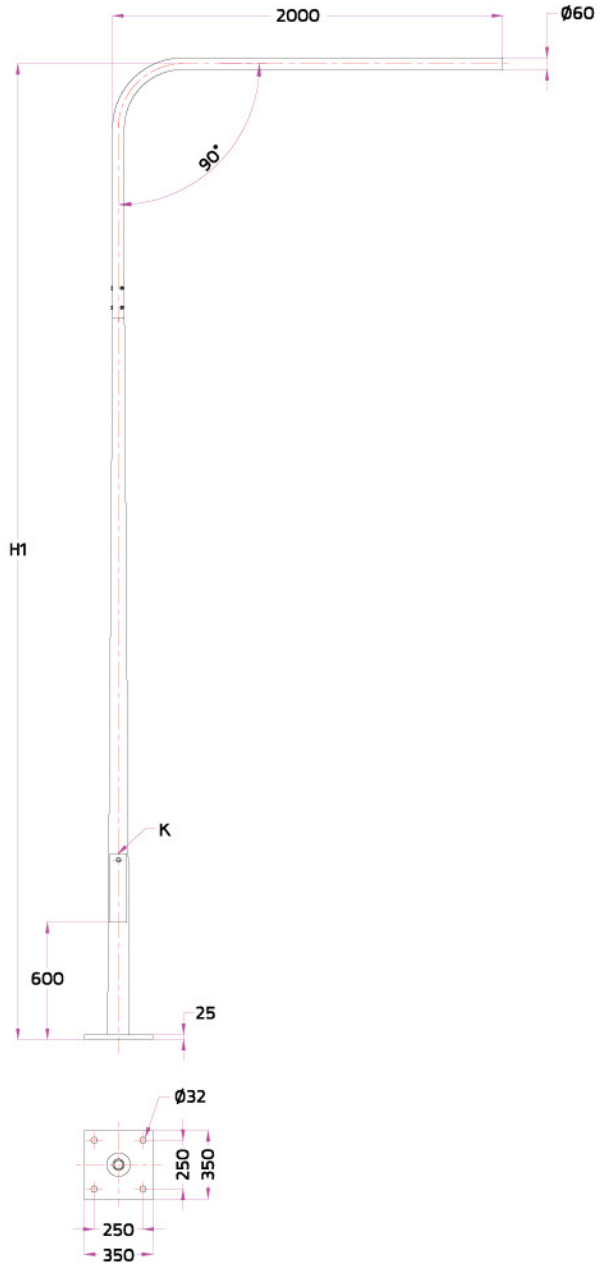
Pole Clamp

CANNON360

Pole Clamp

POLE AND ANCHOR BOLT KIT

Gavalnized Steel Pole



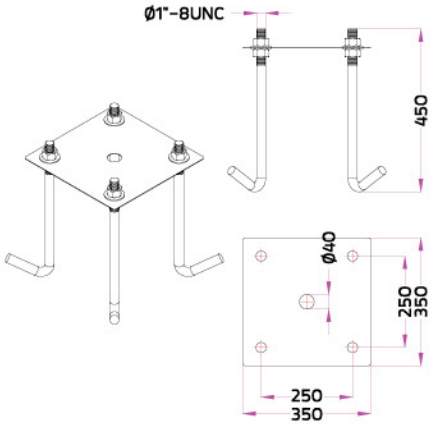
Hot-Dipped Galvanized Tapered Steel Pole/Single arm.

Type	Ordering Code	H1 (mm.)	K (mm.)
16A Fuse	9-1060-XX	5000	55x170
	9-1061-XX	6000	90x300
	9-1062-XX	7000	90x400
16A Fuse + Prepared for dimming	0323-0-9-000-00	5000	55x170
	0324-0-9-000-00	6000	90x300
	0325-0-9-000-00	7000	90x400
16A Fuse + 10kV Surge Protector	0356-0-9-000-00	5000	55x170
	0357-0-9-000-00	6000	90x300
	0358-0-9-000-00	7000	90x400
16A Fuse + 10kV Surge Protector + Prepared for dimming	0389-0-9-000-00	5000	55x170
	0390-0-9-000-00	6000	90x300
	0391-0-9-000-00	7000	90x400

Available colors

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

Anchor Bolt Kit for this pole
Ordering Code: 9-2028-00



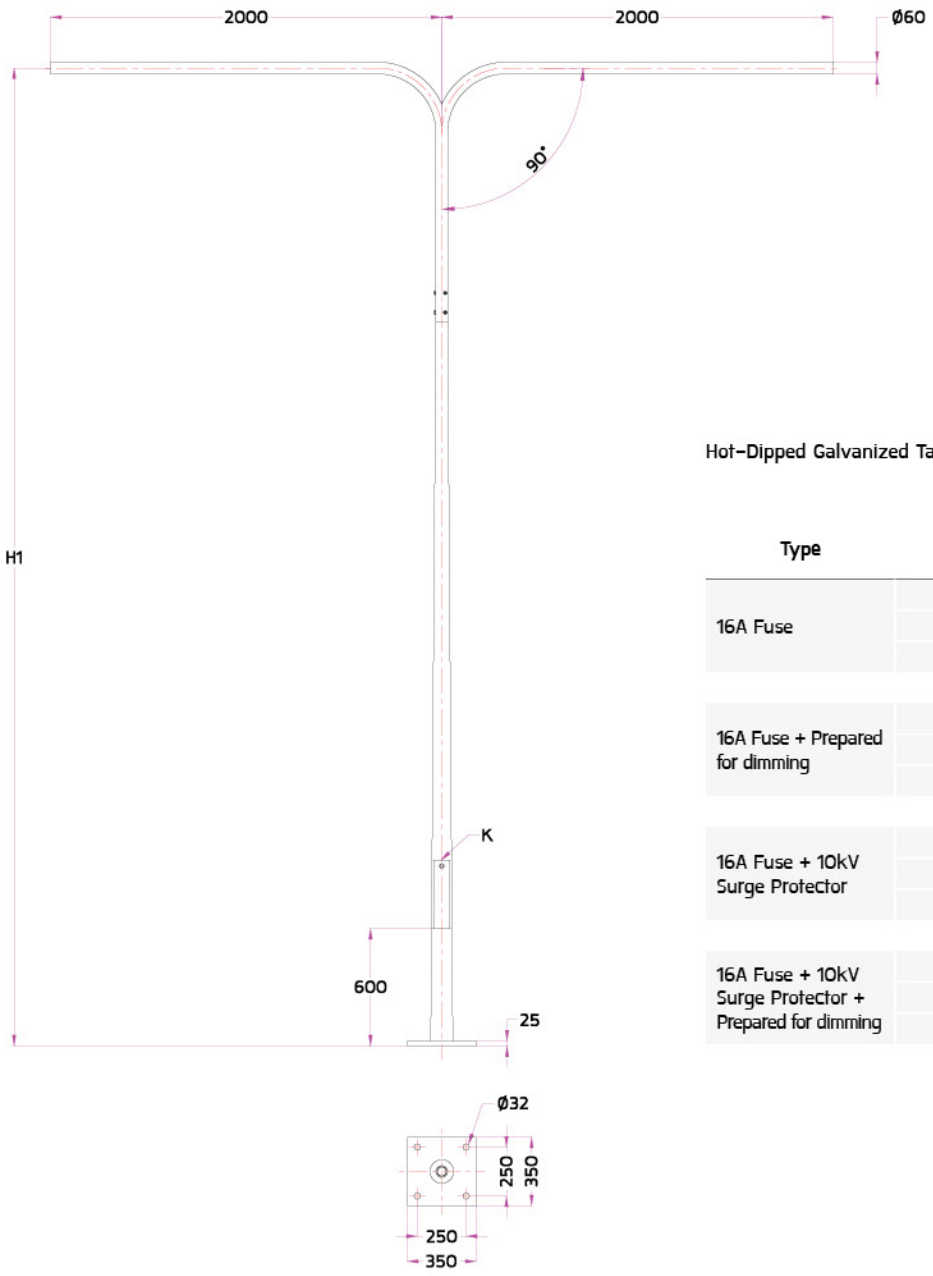
For Luminaires :

BRUDA

KRONOS Area Light
Horizontal Entry

Mini ANDROMEDA Area Light
Horizontal Entry

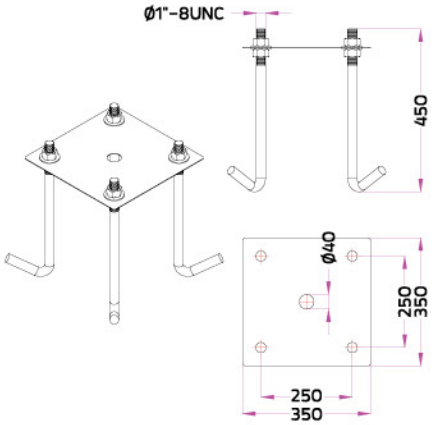
Gavalnized Steel Pole



Hot-Dipped Galvanized Tapered Steel Pole/Double arms.

Type	Ordering Code	H1 (mm.)	K (mm.)
16A Fuse	9-1063-XX	5000	55x170
	9-1064-XX	6000	90x300
	9-1065-XX	7000	90x400
16A Fuse + Prepared for dimming	0326-0-9-000-00	5000	55x170
	0327-0-9-000-00	6000	90x300
	0328-0-9-000-00	7000	90x400
16A Fuse + 10kV Surge Protector	0359-0-9-000-00	5000	55x170
	0360-0-9-000-00	6000	90x300
	0361-0-9-000-00	7000	90x400
16A Fuse + 10kV Surge Protector + Prepared for dimming	0392-0-9-000-00	5000	55x170
	0393-0-9-000-00	6000	90x300
	0394-0-9-000-00	7000	90x400

Anchor Bolt Kit for this pole
Ordering Code: 9-2028-00



Available colors

Black	(replace the last 2 digits of ordering code with 01)
Graphite	(replace the last 2 digits of ordering code with 02)
Dark Grey	(replace the last 2 digits of ordering code with 03)
Aluminium Silver	(replace the last 2 digits of ordering code with 04)
White	(replace the last 2 digits of ordering code with 06)

For Luminaires :

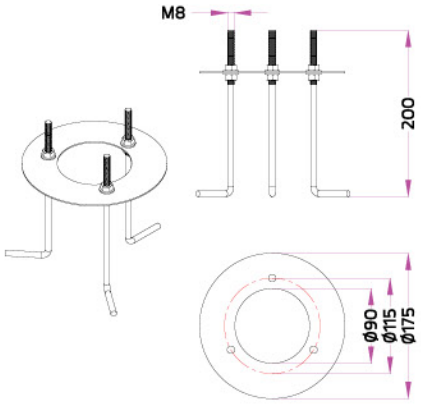
BRUDA

KRONOS Area Light
Horizontal Entry

Mini ANDROMEDA Area Light
Horizontal Entry

ANCHOR BOLT KIT

Anchor Bolt Kit
Ordering Code: 9-2010-00



For Luminaires :

AGAR

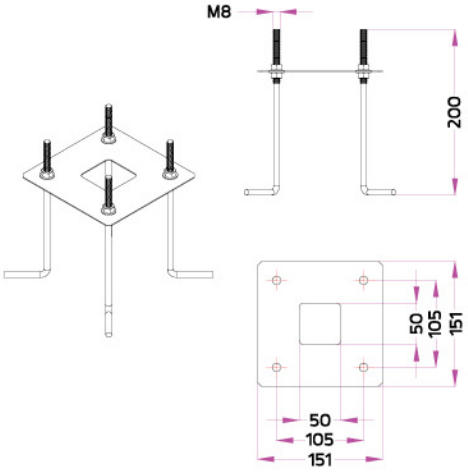
POM

MACRON

CYCLOPS

FUJI

Anchor Bolt Kit
Ordering Code: 9-2013-00

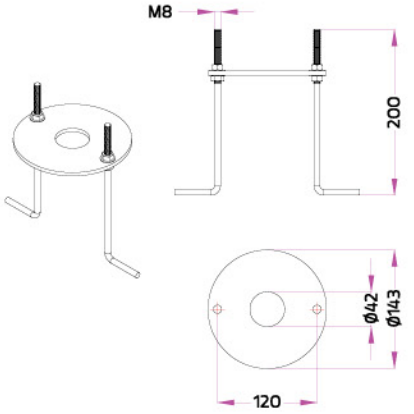


For Luminaires :

TOWER

BICEPS Bollard

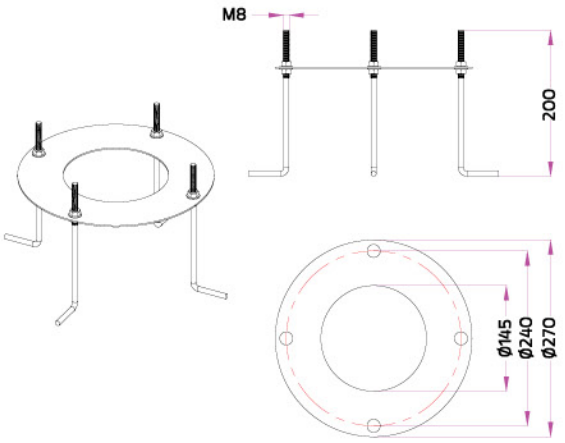
Anchor Bolt Kit
Ordering Code: 9-2014-00



For Luminaires :

OLIVE

Anchor Bolt Kit
Ordering Code: 9-2015-00

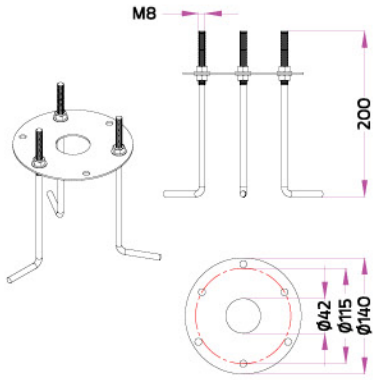


For Luminaires :

BUZZ

SHOOTER

Anchor Bolt Kit
Ordering Code: 9-2016-00



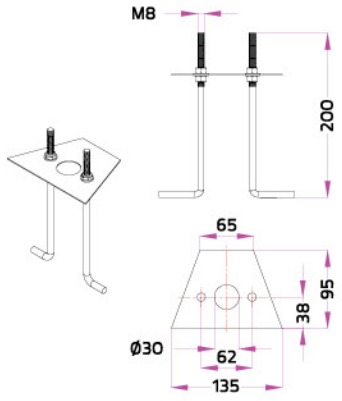
For Luminaires :

Medium SONIC Stand

Mega SONIC Stand

FIN Stand

Anchor Bolt Kit
Ordering Code: 9-2027-00

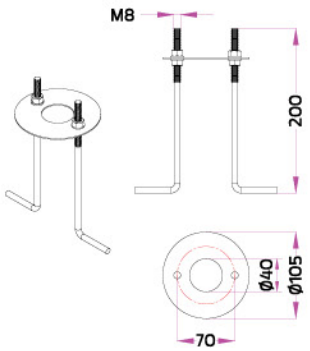


For Luminaires :

ZOID

ANCHOR BOLT KIT

Anchor Bolt Kit
Ordering Code: 0269-0-9-000-00



For Luminaires :

Mini SONIC Stand

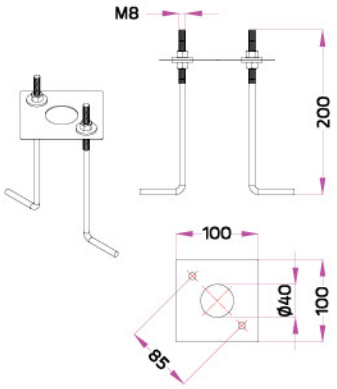
Mini TUBE Bollard

Mini CHARISMA Round Bollard

Mini AGAR Bollard

Mini CYCLOPS

Anchor Bolt Kit
Ordering Code: 0270-0-9-000-00



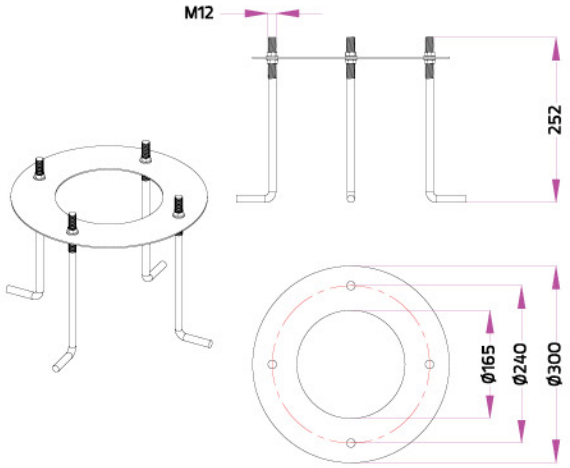
For Luminaires :

Mini CORE Bollard

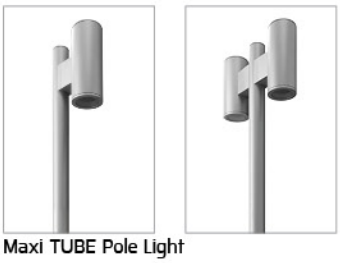
Mini CHARISMA Square Bollard

ANCHOR BOLT KIT

Anchor Bolt Kit
Ordering Code: 9-2020-00

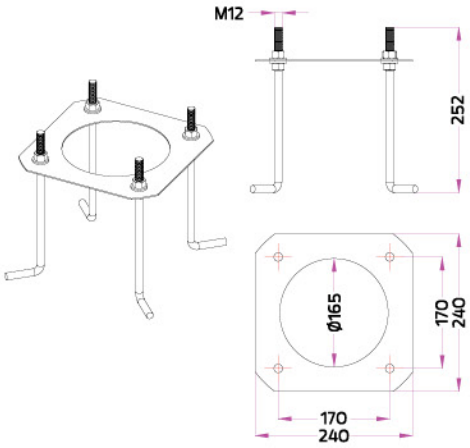


For Luminaires :

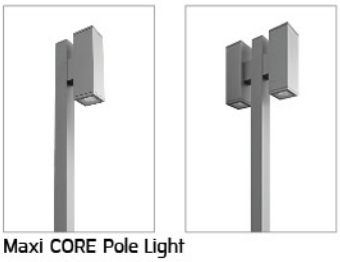


Maxi TUBE Pole Light

Anchor Bolt Kit
Ordering Code: 9-2025-00

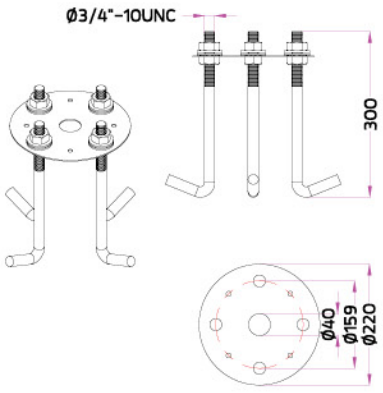


For Luminaires :

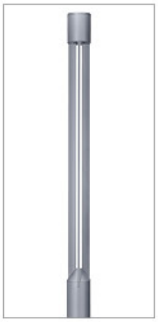


Maxi CORE Pole Light

Anchor Bolt Kit
Ordering Code: 9-2026-00

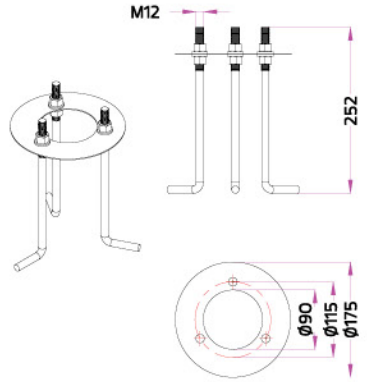


For Luminaires :



VICTORY

Anchor Bolt Kit
Ordering Code: 0278-0-9-000-00

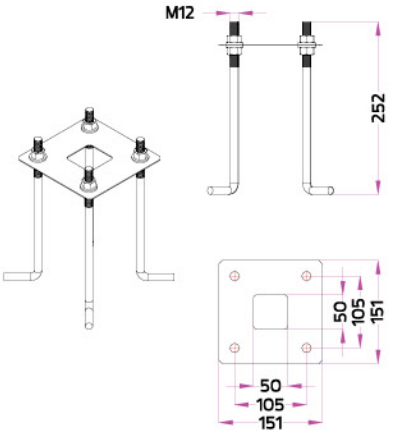


For Luminaires :

STICK

PILLAR

Anchor Bolt Kit
Ordering Code: 0279-0-9-000-00



For Luminaires :

BICEPS Light Column

IP/IK RATE

IP Rating

It is the designation system to indicate the degrees of protection of the luminaire against ingress of solid foreign bodies and harmful ingress of water. It consists of the characteristic letters IP followed by two numerals indicating conformity with the conditions stated in table below.

First numeral	Explanation	Second numeral	Explanation
0	Non-protected	0	Non-protected
1	Protected against solid objects greater than 50 mm.	1	Protected against dripping water
2	Protected against solid objects greater than 12 mm.	2	Protected against dripping water when tilted up to 15°
3	Protected against solid objects greater than 2.5 mm.	3	Protected against spraying water
4	Protected against solid objects greater than 1 mm.	4	Protected against splashing water
5	Dust-protected	5	Protected against water jets
6	Dust-tight	6	Protected against heavy seas
		7	Protected against temporary immersion
		8	Protected against continuous submersion

IK Rating

It is the designation system to indicate the degrees of protection of the luminaire against harmful external mechanical Impacts. It is indicated by the code letters (IK) and followed by characteristic group numeral (from 00 to 10). Each characteristic group numeral represents an impact energy value as shown in table below.

Relation between IK rate and impact energy (in joules).		
IK Rate	Impact energy, J	Explanation
IK 00	Non-protected	
IK 01	0.14	Resistant against an impact from an object of 200 grams thrown from a distance of 7.5 cm.
IK 02	0.2	Resistant against an impact from an object of 200 grams thrown from a distance of 10 cm.
IK 03	0.35	Resistant against an impact from an object of 200 grams thrown from a distance of 17.5 cm.
IK 04	0.5	Resistant against an impact from an object of 200 grams thrown from a distance of 25 cm.
IK 05	0.7	Resistant against an impact from an object of 200 grams thrown from a distance of 35 cm.
IK 06	1	Resistant against an impact from an object of 500 grams thrown from a distance of 20 cm.
IK 07	2	Resistant against an impact from an object of 500 grams thrown from a distance of 40 cm.
IK 08	5	Resistant against an impact from an object of 1.7 kg. thrown from a distance of 29.5 cm.
IK 09	10	Resistant against an impact from an object of 5 kg. thrown from a distance of 20 cm.
IK 10	20	Resistant against an impact from an object of 5 kg. thrown from a distance of 40 cm.

Protection against electrical shock

Luminaires are classified according to the type of protection against electrical shock provided as Class I, Class II and Class III.

Class	Symbol	Explanation
Class I		Luminaire is provided for the connection of accessible conductive parts to The protective (earthing) conductor in the fixed wiring installation.
Class II		An additional protective insulation is provided apart from functional insulation. Under any fault condition, no dangerous voltage can reach metal parts.
Class III		Luminaire in which protection against electrical shock relies on supply at Safety extra-low voltage.

Ordering Code	Page
1000	
1016-5-3-505-XX	221
1016-5-3-506-XX	220
1016-5-3-873-XX	220
1016-5-3-874-XX	220
1016-5-3-877-XX	221
1016-5-3-878-XX	221
1016-5-3-887-XX	220
1016-5-3-891-XX	220
1016-5-3-902-XX	221
1016-5-3-905-XX	221
1016-6-3-505-XX	221
1016-6-3-506-XX	220
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2021-5-4-905-XX	119
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2021-7-3-506-XX	119
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2021-7-3-891-XX	119
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2021-7-3-905-XX	119
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2241-7-3-860-XX	587
2241-7-3-907-XX	587
2241-7-3-929-XX	587
2241-7-4-859-XX	587
2241-7-4-860-XX	587
2270-1-3-861-XX	598
2270-1-3-862-XX	598
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2270-1-4-862-XX	598
2271-2-3-861-XX	599
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