Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: J&EL

Supplier's address: Namron AS, Nedre kalbakkvei 88B, 1081 Oslo, NO

Model identifier: 3306793

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	other electric interface		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	12	Energy efficiency class	E
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 350 in Sphere (360°)	Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set	3 000
On-mode power (P_{on}), expressed in W	12,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,00
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	-	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	80
Outer dimensions without separate control gear, lighting control — Height	1	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	54		
Depth	36		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,440 0,403
Parameters for LED and OLED light sources:				
R9 colour rendering index value		0	Survival factor	0,90
the lumen maintenance factor		0,96		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,70	Colour consistency in McAdam ellipses	6
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.		-[(b)]	If yes then replacement claim (W)	-
Flicker metric (Pst LM)		1,0	Stroboscopic effect metric (SVM)	0,4

(a) '-' : not applicable;

(b) '-' : not applicable;

Lightsource Test Report

Product Infomation

Product Type: W600C40
Product Number: 1
Product Spec: 3000K
Buyer:

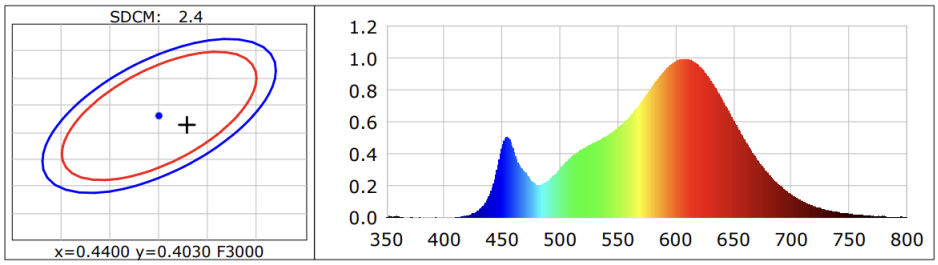
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.4429 y=0.4013 u(u')=0.2556 v=0.3475 v'=0.5212
CCT: Tc=2880K (duv=-0.00184)
Color Ratio: R=0.242 G=0.730 B=0.027
Peak Wavelength: 608.7nm
Half Bandwidth: 120.9nm
Dominant Wavelength: 603.4nm
Color Purity: 0.534
Central Wave: 597.9nm
Gravity Wave: 609.0nm
CRI: Ra= 84.5
TM30: Rf= 86, Rg= 96
GAI: GAI_BB_8=98.8, GAI_BB_15=106.4, GAI_EES=53.4

R1 =84	R2 =94	R3 =95	R4 =83	R5 =85	R6 =94	R7 =81	R8 =61
R9 =15	R10=86	R11=83	R12=77	R13=87	R14=98	R15=77	

Color Quality Scale: Qa= 84.0, Qf= 85.6, Qp= 86.1, Qg= 92.4

Q1 =80	Q2 =94	Q3 =85	Q4 =82	Q5 =85	Q6 =86	Q7 =85	Q8 =87
Q9 =95	Q10=91	Q11=88	Q12=85	Q13=84	Q14=75	Q15=76	



Photometric Parameters

Luminous Flux: 1450.7 lm
Efficiency: 135.46 lm/W
Radiant Power: 4.465 W
EEI: 0.10
Energy Efficiency Class: A++ (EU 874-2012)

Electric Parameters

Voltage: 64.907V
Current: 0.1650A
Power: 10.71W
Power Factor: 1.0000
Frequency: 0.00Hz

Test Infomation
Scan Range: 350~800:1nm
Stabilization Time: 0 Min ALC.: 1.0000
Max of Signal: 44522 (3399)
Photometric Method: sphere-photometer (spec_rev)
Photometric Condition: Sphere diameter: 1.50m, 4π
CCD Integration Time: 234.67 ms

Model placed on the Union market from 01/10/2021

EPREL registration number: 887494

https://eprel.ec.europa.eu/qr/887494

Supplier: NAMRON AS (Importer)

Website: www.namron.com

Customer care service:

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