Product Information Sheet

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

Supplier's name or trade mark: Namron

Supplier's address: customer service, Nedre kalbakkvei 88B, 1081 Oslo, NO

Model identifier: 3220263

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	Terminal		
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:	Yes

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	9	Energy efficiency class	F
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)	670 in Narrow cone (90°)	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	2000...2800
On-mode power (P_{on}), expressed in W	9,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,50
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	95
Outer dimensions without separate control gear, lighting control — Height	40	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Outer dimensions without separate control gear, lighting control — Width	95		
Outer dimensions without separate control gear, lighting control — Depth	95		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		Yes	If yes, equivalent power (W)	10
			Chromaticity coordinates (x and y)	0,440 0,402
Parameters for directional light sources:				
Peak luminous intensity (cd)		1 184	Beam angle in degrees, or the range of beam angles that can be set	38
Parameters for LED and OLED light sources:				
R9 colour rendering index value		93	Survival factor	0,90
the lumen maintenance factor		0,96		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,50	Colour consistency in McAdam ellipses	3
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)		0,2	Stroboscopic effect metric (SVM)	0,1

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

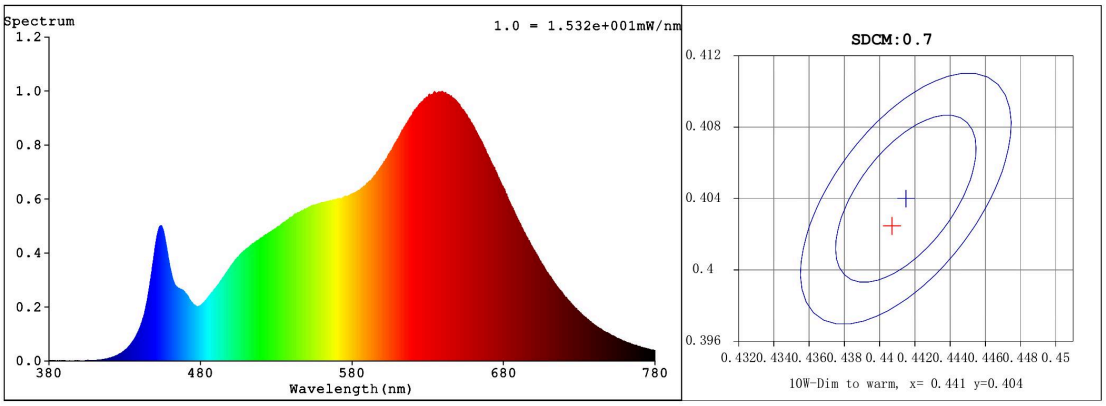
Spectrum Test Report

Sample	:	Date	: 2022-10-17 17:22:59
Specification	: 3220263	Sam. Status	:
Sample No.	: 1	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	:	Test by	: ADMIN
		Assessor	: admin

Test Condition

Temperature	: 85Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52099 (79%)
Test Mode	: Fast Test	T	: 445 ms
		Sensitivity	: High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.4402 y = 0.4025 / u' = 0.2534 v' = 0.5212 (duv=-1.08e-03) Dx,Dy:-0.0016,-0.0033

CCT= 2932K Prcp WL: Ld=583.5nm Purity=52.9%

Peak WL: Lp=639nm FWHM: =160.4nm Ratio:R=26.0% G=71.0% B=3.1%

Render Index: Ra = 96.7 AvgR = 95.5 TM30:Rf=96 Rg=103

R1 =96 R2 =98 R3 =96 R4 =96 R5 =96 R6 =97 R7 =99

R8 =96 R9 =93 R10=99 R11=93 R12=86 R13=96 R14=96 R15=96

LEVEL:OUT WHITE:ANSI_3000K

CQS Parameters: Qa = 97.7 GAI Parameters: GAI_EES = 59.0, GAI_BB8:106.3, GAI_BB15:110.4 TLCI Parameters COI:5.42

Photometric & Radiometric Parameters

Flux = 715.99 lm Eff. : 79.56 lm/W Fe = 2.7631 W

Scotopic:1043.6 S/P:1.4575 (EQE):3036.6%

Flux of emitted photons(umol/s):13.893 Fluo. and blue light ratio:12.13 Fluorescent eff.:270.5

B: 2.5585e+003mW

Electrical parameters

V = 230.9 V I = 0.04086 A P = 8.999 W PF = 0.9536

Kdisp(IEC) = 0.9724 Freq=49.99 Hz

GBT5702

Gamut Index: Ga=1.0

C1 =101 C2 =91 C3 =84 C4 =101 C5 =102 C6 =89 C7 =81

C8 =99 C9 =101 C10=86 C11=103 C12=86 C13=100 C14=90 C15=101

Model placed on the Union market from 01/09/2022

EPREL registration number: 1392021

https://eprel.ec.europa.eu/qr/1392021

Supplier: NAMRON AS (Importer)

Website: www.namron.com

Customer care service:

Name: customer service

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