

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: 3220248

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 (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	662 in Nar-row 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	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

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)	0,442 0,401	
Parameters for directional light sources:				
Peak luminous intensity (cd)	1 379	Beam angle in degrees, or the range of beam angles that can be set	35	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	86	Survival factor	0,90	
the lumen maintenance factor	0,96			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	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 :
Specification : 3220248
Sample No. : 1
Manufacturer :

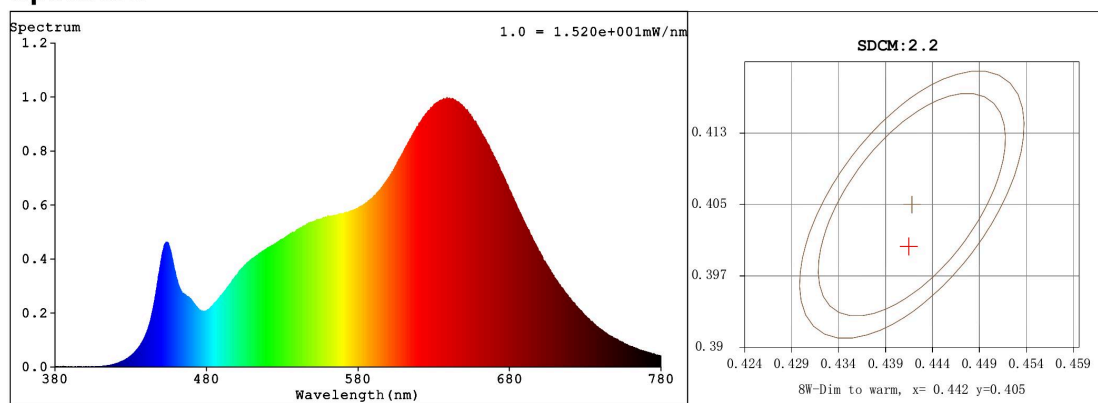
Date : 2022-10-17 15:32:43
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : ADMIN
Assessor : admin

Test Condition

Temperature : 85Deg
WL Range : 380nm-780nm
Test Mode : Fast Test

RH : 65.0%
IP : 43441 (66%)
T : 377 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4417$ $y = 0.4005$ / $u' = 0.2552$ $v' = 0.5207$ ($duv = -2.01e-03$) $Dx, Dy: -0.0031, -0.0061$

CCT= 2893K Prcp WL: $L_d = 584.0nm$ Purity=52.8%

Peak WL: $L_p = 639nm$ FWHM: $=157.0nm$ Ratio: $R=26.5\%$ $G=70.4\%$ $B=3.1\%$

Render Index: $R_a = 95.2$ $AvgR = 93.7$ $TM30:R_f = 95$ $R_g = 104$

$R_1 = 94$ $R_2 = 97$ $R_3 = 96$ $R_4 = 94$ $R_5 = 94$ $R_6 = 95$ $R_7 = 98$

$R_8 = 93$ $R_9 = 86$ $R_{10} = 95$ $R_{11} = 90$ $R_{12} = 87$ $R_{13} = 94$ $R_{14} = 97$ $R_{15} = 94$

LEVEL:OUT WHITE:ANSI_3000K

CQS Parameters: $Q_a = 97.8$ GAI Parameters: $GAI_EES = 59.9$, $GAI_BB8:110.2$, $GAI_BB15:113.7$ TLCl Parameters
COI:6.00

Photometric & Radiometric Parameters

Flux = 696.82 lm Eff. : 78.49 lm/W $Fe = 2.7562 W$

Scotopic:1018.5 S/P:1.4617 (EQE):3020.8%

Flux of emitted photons($\mu mol/s$):13.898 Fluo. and blue light ratio:12.32 Fluorescent eff.:273.6

B: $2.5056e+003mW$

Electrical parameters

$V = 231.0 V$ $I = 0.04035 A$ $P = 8.878 W$ PF = 0.9526

$K_{disp}(IEC) = 0.9716$ Freq=49.99 Hz

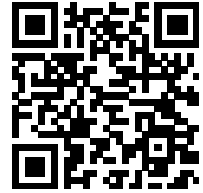
GBT5702

Gamut Index: $G_a = 1.0$

$C_1 = 102$ $C_2 = 93$ $C_3 = 86$ $C_4 = 103$ $C_5 = 104$ $C_6 = 90$ $C_7 = 80$

$C_8 = 100$ $C_9 = 102$ $C_{10} = 89$ $C_{11} = 104$ $C_{12} = 88$ $C_{13} = 101$ $C_{14} = 92$ $C_{15} = 102$

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



EPREL registration number: 1391078

<https://eprel.ec.europa.eu/qr/1391078>

Supplier: NAMRON AS (Importer)

Website: www.namron.com

Customer care service:

Name: customer service

Website: www.namron.com

Email: post@namron.com

Phone: 22 81 27 70

Address:

Nedre kalbakkvei 88B
1081 Oslo
Norway