

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: Namron AS, Nedre kalbakkvei 88B, 1081, Oslo, Norway

Model identifier: 3234656

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	8	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°)	560 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	8,0	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)	8	
		Chromaticity coordinates (x and y)	0,443 0,404	
Parameters for directional light sources:				
Peak luminous intensity (cd)	962	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	94	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)	0,7	Stroboscopic effect metric (SVM)	0,1	

(a) '-': not applicable;

(b) '-': not applicable;

Spectrum Test Report

Sample :
Specification : 3234656
Sample No. : 1
Manufacturer :

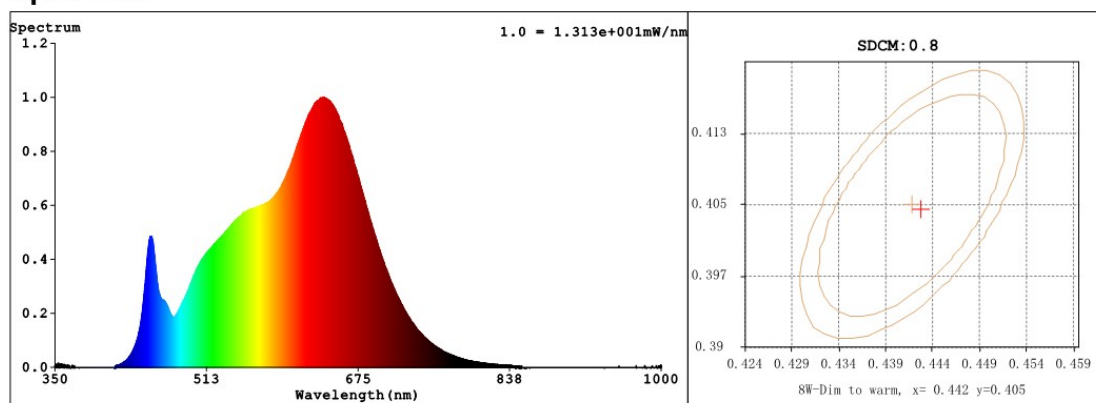
Date : 2022-04-01 15:57:50
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

Temperature : 85Deg
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 52097 (79%)
T : 503 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4430$ $y = 0.4045$ / $u' = 0.2543$ $v' = 0.5225$ ($duv = -5.93e-04$) $Dx, Dy: -0.0009, -0.0018$

CCT= 2905K Prcp WL: $L_d = 583.4nm$ Purity=54.4%

Peak WL: $L_p = 638nm$ FWHM: $=159.3nm$ Ratio: $R=26.1\%$ $G=71.0\%$ $B=2.9\%$

Render Index: $R_a = 96.8$ $AvgR = 95.8$ TM30: $R_f = 96$ $R_g = 103$

$R_1 = 96$ $R_2 = 99$ $R_3 = 95$ $R_4 = 95$ $R_5 = 97$ $R_6 = 97$ $R_7 = 99$

$R_8 = 96$ $R_9 = 94$ $R_{10} = 100$ $R_{11} = 93$ $R_{12} = 87$ $R_{13} = 97$ $R_{14} = 96$ $R_{15} = 96$

LEVEL:OUT WHITE:ANSI_3000K

CQS Parameters: $Q_a = 97.7$ GAI Parameters: $GAI_EES = 57.6$, $GAI_BB8:105.2$, $GAI_BB15:109.2$ TLCl Parameters

Photometric & Radiometric Parameters

Flux = 609.77 lm Eff. : 75.62 lm/W $Fe = 2.3736 W$

(EQE):2659.8%

Flux of emitted photons($\mu mol/s$):11.982 Fluo. and blue light ratio:12.65 Fluorescent eff.:236.7

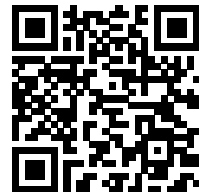
B: $2.1978e+003mW$

Electrical parameters

$V = 231.0 V$ $I = 0.04023 A$ $P = 8.064 W$ PF = 0.8677

Kdisp(IEC) = 0.9307 Freq=50.08 Hz

Model placed on the Union market from 01/09/2021



EPREL registration number: 1233699

<https://eprel.ec.europa.eu/qr/1233699>

Supplier: NAMRON AS (Importer)

Website: www.namron.com

Customer care service:

Name: Namron AS

Website: www.namron.com

Email: post@namron.com

Phone: +47 2281 2770

Address:

Nedre kalbakkvei 88B, 1081, Oslo, Norway