

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: 3234692

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	21	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°)	2 000 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	3 000
On-mode power (P_{on}), expressed in W	21,0	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	82
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)	21	
		Chromaticity coordinates (x and y)	0,444 0,404	
Parameters for directional light sources:				
Peak luminous intensity (cd)	980	Beam angle in degrees, or the range of beam angles that can be set	110	
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 ϕ_1)	0,50	Colour consistency in McAdam ellipses	4	
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)	0,6	Stroboscopic effect metric (SVM)	0,1	

(a) '-': not applicable;

(b) '-': not applicable;

Spectrum Test Report

Sample :
Specification : 3234692
Sample No. : 1
Manufacturer : EVERFINE

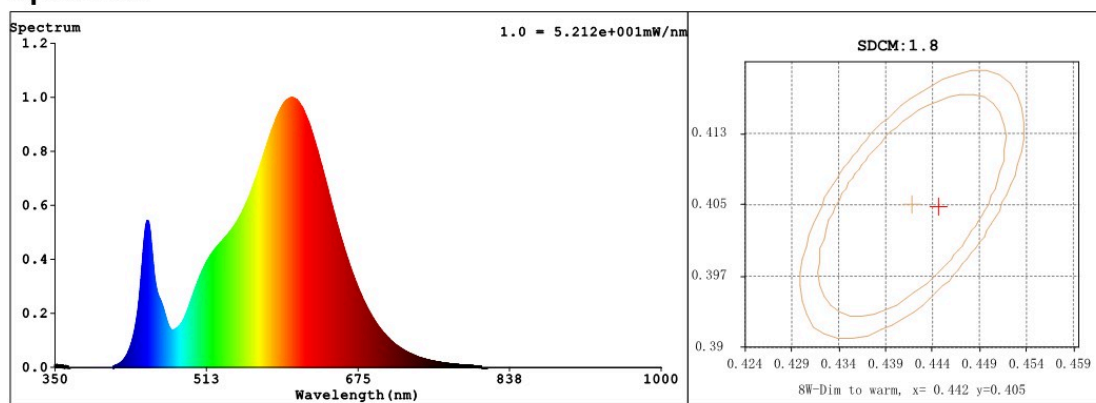
Date : 2021-11-11 10:10:24
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 53545 (82%)
T : 112 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.4448 y = 0.4048 / u' = 0.2554 v' = 0.5229 (duv=-7.11e-04) Dx,Dy:-0.0011,-0.0022

CCT= 2877K Prcp WL: Ld=583.6nm Purity=55.0%

Peak WL: Lp=604nm FWHM: =117.8nm Ratio:R=23.6% G=74.2% B=2.2%

Render Index: Ra = 81.2 AvgR = 75.2 TM30:Rf=82 Rg=97

R1 =79 R2 =90 R3 =96 R4 =79 R5 =80 R6 =88 R7 =81

R8 =56 R9 =0 R10=78 R11=79 R12=71 R13=82 R14=99 R15=71

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 2501.6 lm Eff. : 113.75 lm/W Fe = 7.5465 W

(EQE):3374%

Flux of emitted photons(umol/s):36.741 Fluo. and blue light ratio:9.577 Fluorescent eff.:287.4

B: 7.3985e+003mW

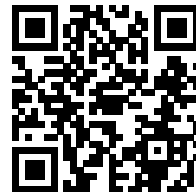
Electrical parameters

V = 230.9 V I = 0.1030 A P = 21.99 W PF = 0.9250

Kdisp(IEC) = 0.9517 Freq=49.99 Hz

GBT5702

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



EPREL registration number: 1089588

<https://eprel.ec.europa.eu/qr/1089588>

Supplier: NAMRON AS (Importer)

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Customer care service:

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