

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: 3220265

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°)	664 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)	0,440 0,403	
Parameters for directional light sources:				
Peak luminous intensity (cd)	1 251	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	95	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 : 3220265
Sample No. : 1
Manufacturer : EVERFINE

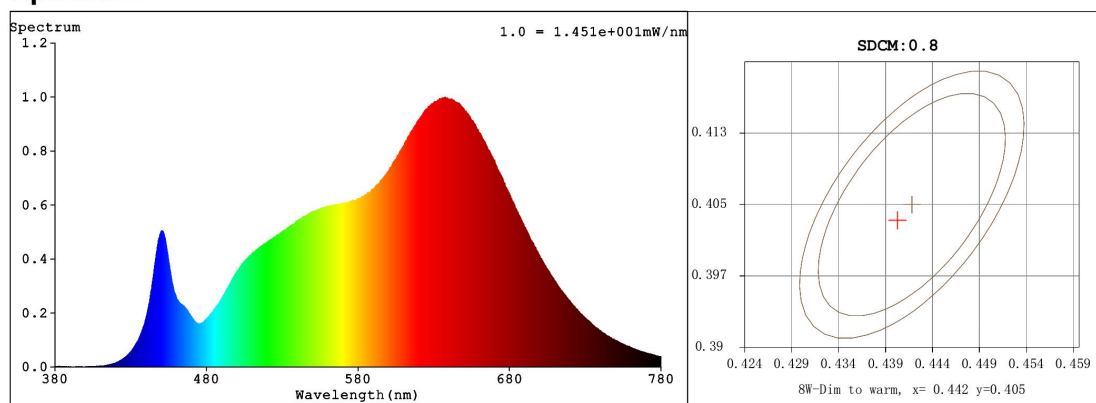
Date : 2022-10-18 11:11:01
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : admin

Test Condition

Temperature : 20.0Deg
WL Range : 380nm-780nm
Test Mode : Fast Test

RH : 65.0%
IP : 49237 (75%)
T : 445 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4405$ $y = 0.4033$ / $u' = 0.2532$ $v' = 0.5216$ ($duv = -7.62e-04$) $Dx, Dy: -0.0011, -0.0023$

CCT= 2935K Prcp WL: $L_d = 583.4nm$ Purity=53.3%

Peak WL: $L_p = 638nm$ FWHM: $= 162.5nm$ Ratio: $R = 25.8\%$ $G = 71.4\%$ $B = 2.8\%$

Render Index: $R_a = 96.7$ $AvgR = 95.7$ $TM30: R_f = 96$ $R_g = 104$

$R_1 = 97$ $R_2 = 99$ $R_3 = 93$ $R_4 = 94$ $R_5 = 98$ $R_6 = 98$ $R_7 = 97$

$R_8 = 96$ $R_9 = 95$ $R_{10} = 97$ $R_{11} = 92$ $R_{12} = 88$ $R_{13} = 98$ $R_{14} = 95$ $R_{15} = 97$

LEVEL:OUT WHITE:ANSI_3000K

CQS Parameters: $Q_a = 96.7$ GAI Parameters: $GAI_EES = 59.3$, $GAI_BB8: 106.6$, $GAI_BB15: 109.4$ TLCl Parameters
COI:5.40

Photometric & Radiometric Parameters

Flux = 713.66 lm Eff. : 78.34 lm/W $Fe = 2.7400 W$

Scotopic:1022.6 S/P:1.4328 (EQE):2845.6%

Flux of emitted photons($\mu mol/s$):13.774 Fluo. and blue light ratio:12.94 Fluorescent eff.:266.5

B: $2.4248e+003mW$

Electrical parameters

$V = 231.0 V$ $I = 0.04132 A$ $P = 9.110 W$ PF = 0.9545

$K_{disp}(IEC) = 0.9730$ Freq=49.99 Hz

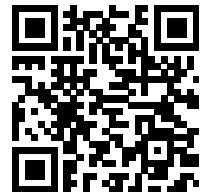
GBT5702

Gamut Index: $G_a = 1.0$

$C_1 = 101$ $C_2 = 90$ $C_3 = 84$ $C_4 = 101$ $C_5 = 101$ $C_6 = 87$ $C_7 = 84$

$C_8 = 99$ $C_9 = 101$ $C_{10} = 85$ $C_{11} = 102$ $C_{12} = 84$ $C_{13} = 99$ $C_{14} = 90$ $C_{15} = 101$

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



EPREL registration number: 1392074

<https://eprel.ec.europa.eu/qr/1392074>

Supplier: NAMRON AS (Importer)

Website: www.namron.com

Customer care service:

Name: customer service

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