

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: 3220268

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°)	600 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	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	51	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	95	
	Depth	95	
			See image in last page

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)	0,3	Stroboscopic effect metric (SVM)	0,1

(a) '-': not applicable;

(b) '-': not applicable;

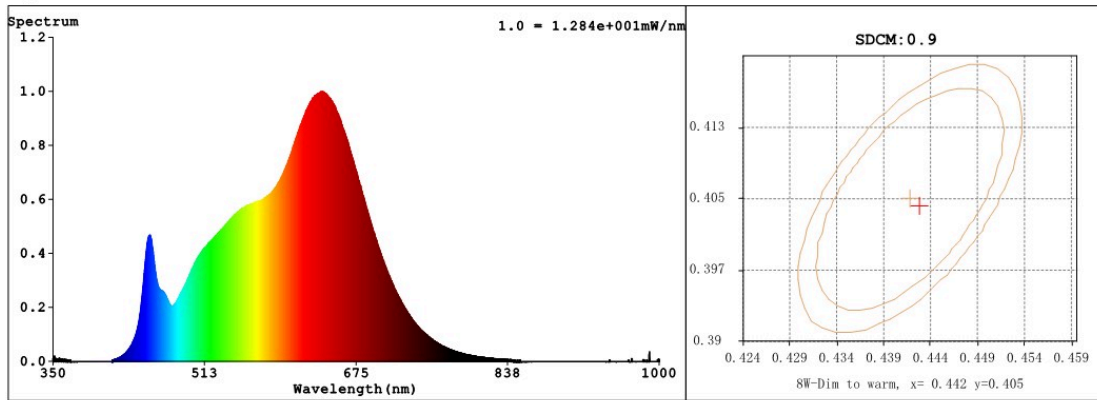
Spectrum Test Report

Sample :
Specification : 3234656
Sample No. : 5
Manufacturer :
Date : 2022-04-01 16:09:06
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 : 50735 (77%)
T : 503 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4430$ $y = 0.4043$ / $u' = 0.2544$ $v' = 0.5224$ ($duv = -7.10e-04$) $Dx, Dy: -0.0011, -0.0022$

CCT= 2902K Prcp WL: $L_d = 583.5$ nm Purity=54.3%

Peak WL: $L_p = 639$ nm FWHM: =158.3nm Ratio:R=26.2% G=70.8% B=3.0%

Render Index: $R_a = 96.6$ AvgR = 95.4 TM30:Rf=96 Rg=103

R1 =96 R2 =98 R3 =96 R4 =95 R5 =96 R6 =96 R7 =99

R8 =96 R9 =92 R10=98 R11=93 R12=87 R13=96 R14=96 R15=96

LEVEL:OUT WHITE:ANSI_3000K

CQS Parameters: $Q_a = 97.9$ GAI Parameters: GAI_EES = 57.3, GAI_BB8:104.8, GAI_BB15:109.1 TLCI Parameters

Photometric & Radiometric Parameters

Flux = 614.77 lm Eff. : 76.34 lm/W $F_e = 2.4014$ W

(EQE):2599.9%

Flux of emitted photons($\mu\text{mol/s}$):12.124 Flu. and blue light ratio:12.57 Fluorescent eff.:239.9

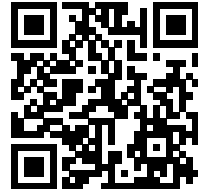
B: $2.1441e+003$ mW

Electrical parameters

V = 230.9 V I = 0.04016 A P = 8.053 W PF = 0.8682

Kdisp(IEC) = 0.9321 Freq=50.09 Hz

Model placed on the Union market from 05/11/2022



EPREL registration number: 1394018

<https://eprel.ec.europa.eu/qr/1394018>

Supplier: NAMRON AS (Importer)

Website: www.namron.com

Customer care service:

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