

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 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	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	40	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)	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;

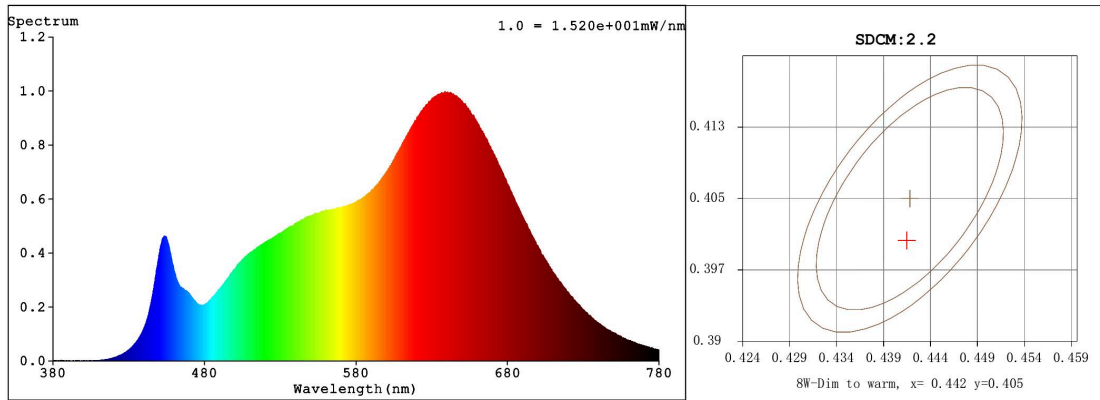
Spectrum Test Report

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:Rf=95 Rg=104
R1 =94 R2 =97 R3 =96 R4 =94 R5 =94 R6 =95 R7 =98
R8 =93 R9 =86 R10=95 R11=90 R12=87 R13=94 R14=97 R15=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 TLCI Parameters
COI:6.00

Photometric & Radiometric Parameters

Flux = 696.82 lm Eff. : 78.49 lm/W $F_e = 2.7562 W$
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: $2.5056e+003mW$

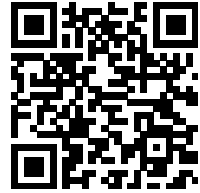
Electrical parameters

V = 231.0 V I = 0.04035 A P = 8.878 W PF = 0.9526
Kdisp(IEC) = 0.9716 Freq=49.99 Hz

GBT5702

Gamut Index: $G_a = 1.0$
C1 =102 C2 =93 C3 =86 C4 =103 C5 =104 C6 =90 C7 =80
C8 =100 C9 =102 C10=89 C11=104 C12=88 C13=101 C14=92 C15=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:

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