

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: 3220235

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°)	520 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	98
Outer dimensions without separate control gear, lighting control	Height	39	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	90	
	Depth	90	
			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)	0,446 0,406
Parameters for directional light sources:			
Peak luminous intensity (cd)	946	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	99	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;

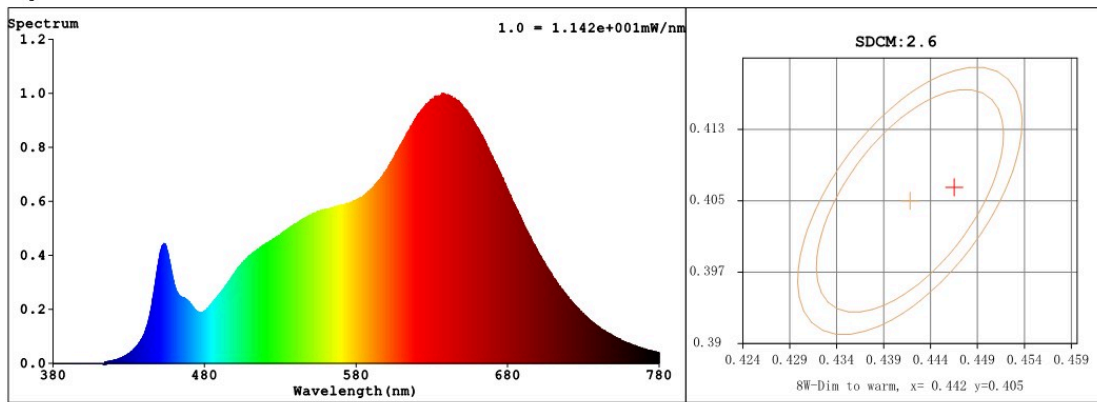
Spectrum Test Report

Sample :
Specification : 3220235
Sample No. : 1
Manufacturer :
Date : 2022-04-22 17:31:41
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 : 38869 (59%)
T : 433 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4467$ $y = 0.4064$ / $u' = 0.2559$ $v' = 0.5238$ ($duv = -2.91e-04$) $Dx, Dy: -0.0005, -0.0009$
CCT= 2861K Prcp WL: $L_d = 583.5nm$ Purity=56.1%
Peak WL: $L_p = 637nm$ FWHM: =156.3nm Ratio: R=26.4% G=70.7% B=2.9%
Render Index: $R_a = 96.6$ AvgR = 95.6 TM30:Rf=96 Rg=102
R1 =96 R2 =99 R3 =95 R4 =95 R5 =96 R6 =97 R7 =99
R8 =96 R9 =93 R10=99 R11=92 R12=87 R13=96 R14=96 R15=96
LEVEL:OUT WHITE:ANSI_2700K
CQS Parameters: $Q_a = 97.9$ GAI Parameters: GAI_EES = 55.4, GAI_BB8:103.6, GAI_BB15:107.9 TLCI Parameters
COI:5.85

Photometric & Radiometric Parameters

Flux = 569.09 lm Eff. : 73.07 lm/W $F_e = 2.2059 W$
(EQE):2340.6%
Flux of emitted photons($\mu mol/s$):11.128 Fluo. and blue light ratio:13.83 Fluorescent eff.:229.2
B: $1.8694e+003mW$

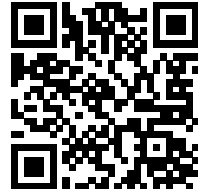
Electrical parameters

$V = 230.9 V$ $I = 0.03887 A$ $P = 7.789 W$ PF = 0.8678
 $K_{disp}(IEC) = 0.9458$ Freq=50.08 Hz

GBT5702

Gamut Index: $G_a = 1.0$
C1 =102 C2 =91 C3 =83 C4 =101 C5 =102 C6 =89 C7 =84
C8 =100 C9 =101 C10=86 C11=102 C12=87 C13=100 C14=88 C15=101

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



EPREL registration number: 1233627

<https://eprel.ec.europa.eu/qr/1233627>

Supplier: NAMRON AS (Importer)

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Customer care service:

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