

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: 3220256

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°)	620 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	2 700
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)	0,455 0,413
Parameters for directional light sources:			
Peak luminous intensity (cd)	1 173	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	92	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;

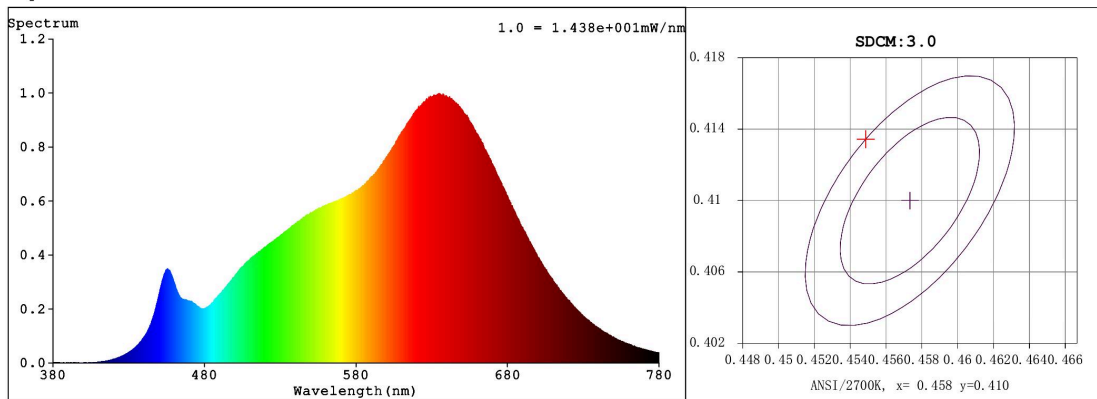
Spectrum Test Report

Sample :
Specification : 3220256
Sample No. : 1
Manufacturer :
Date : 2022-10-17 09:22:22
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 : 41500 (63%)
T : 377 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4553$ $y = 0.4135$ / $u' = 0.2583$ $v' = 0.5278$ ($duv=1.49e-03$) $Dx, Dy: 0.0025, 0.0046$

CCT= 2787K Prcp WL: $L_d=583.3nm$ Purity=60.8%

Peak WL: $L_p=635nm$ FWHM: =154.2nm Ratio:R=26.5% G=70.7% B=2.8%

Render Index: $R_a = 98.3$ AvgR = 97.0 TM30:Rf=95 Rg=100

R1 =99 R2 =100 R3 =97 R4 =99 R5 =99 R6 =99 R7 =98

R8 =97 R9 =92 R10=98 R11=97 R12=87 R13=99 R14=97 R15=98

LEVEL:OUT WHITE:ANSI_2700K

CQS Parameters: $Q_a = 97.0$ GAI Parameters: $GAI_EES = 48.6$, $GAI_BB8:94.9$, $GAI_BB15:100.2$ TLCI Parameters: $COI:5.53$

Photometric & Radiometric Parameters

Flux = 682.66 lm Eff. : 88.04 lm/W $Fe = 2.5727 W$

Scotopic:930.19 S/P:1.3626 (EQE):3299.8%

Flux of emitted photons($\mu mol/s$):12.984 Fluo. and blue light ratio:14.91 Fluorescent eff.:302.5

B: $2.3388e+003mW$

Electrical parameters

$V = 231.0 V$ $I = 0.03450 A$ $P = 7.754 W$ PF = 0.9729

$Kdisp(IEC) = 0.9770$ Freq=49.99 Hz

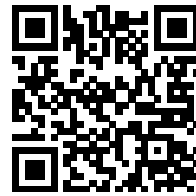
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Gamut Index: $G_a=1.00$

C1 =101 C2 =89 C3 =78 C4 =97 C5 =99 C6 =90 C7 =88

C8 =98 C9 =99 C10=84 C11=100 C12=87 C13=100 C14=84 C15=100

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



EPREL registration number: 1392055

<https://eprel.ec.europa.eu/qr/1392055>

Supplier: NAMRON AS (Importer)

Website: www.namron.com

Customer care service:

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