

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: 3220257

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°)	580 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)	0,3	Stroboscopic effect metric (SVM)	0,1

(a) '-': not applicable;

(b) '-': not applicable;

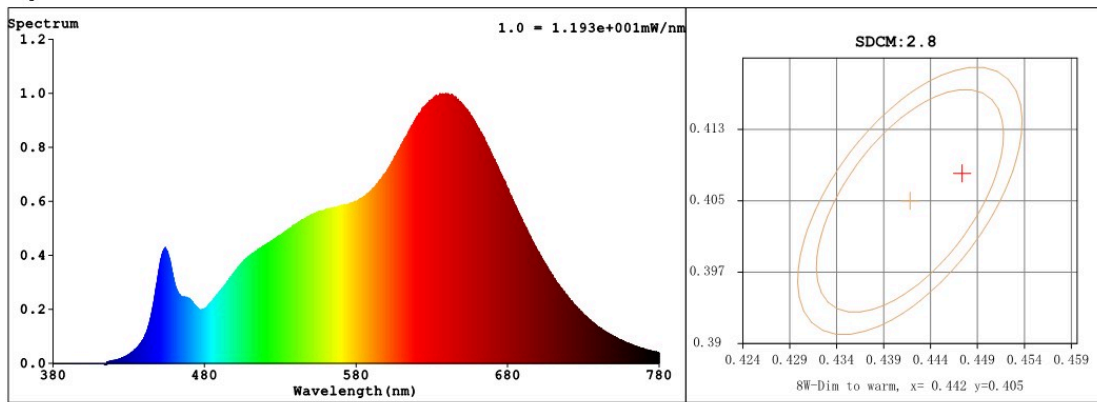
Spectrum Test Report

Sample :	Date : 2022-04-22 17:41:48
Specification : 3220235	Sam. Status :
Sample No. : 5	Instrument : HAAS-2000(EVERFINE)
Manufacturer :	Test by : ADMIN
	Assessor : admin

Test Condition

Temperature : 85Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 40749 (62%)
Test Mode : Fast Test	T : 433 ms
	Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4476$ $y = 0.4079$ / $u' = 0.2558$ $v' = 0.5245$ ($duv=1.90e-04$) $Dx, Dy: 0.0003, 0.0006$

CCT= 2860K Prcp WL: Ld=583.4nm Purity=56.8%

Peak WL: Lp=639nm FWHM: =156.6nm Ratio:R=26.4% G=70.6% B=3.0%

Render Index: Ra = 96.4 AvgR = 95.3 TM30:Rf=95 Rg=102

R1 =95 R2 =98 R3 =96 R4 =95 R5 =96 R6 =97 R7 =98

R8 =95 R9 =92 R10=98 R11=92 R12=87 R13=96 R14=96 R15=96

LEVEL:OUT WHITE:ANSI_2700K

CQS Parameters: Qa = 97.6 GAI Parameters: GAI_EES = 54.1, GAI_BB8:101.4, GAI_BB15:106.0 TLCI Parameters
COI:5.89

Photometric & Radiometric Parameters

Flux = 600.20 lm Eff. : 74.29 lm/W Fe = 2.3305 W

(EQE):2362.7%

Flux of emitted photons(umol/s):11.764 Flu. and blue light ratio:13.90 Fluorescent eff.:234.3

B: 1.9502e+003mW

Electrical parameters

V = 230.9 V I = 0.04019 A P = 8.080 W PF = 0.8705

Kdisp(IEC) = 0.9471 Freq=50.08 Hz

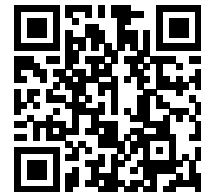
GBT5702

Gamut Index: Ga=1.0

C1 =102 C2 =91 C3 =81 C4 =100 C5 =102 C6 =90 C7 =85

C8 =100 C9 =101 C10=86 C11=102 C12=87 C13=101 C14=87 C15=102

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



EPREL registration number: 1393995

<https://eprel.ec.europa.eu/qr/1393995>

Supplier: NAMRON AS (Importer)

Website: www.namron.com

Customer care service:

Name: customer service

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