

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, Address: Nedre kalbakkvei 88B, 1081, Oslo, Norway

Model identifier: 3222257

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°)	610 in Nar-row 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	4 000
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	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

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)	0,381 0,383	
Parameters for directional light sources:				
Peak luminous intensity (cd)	1 360	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	57	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 : 3222257
Sample No. : 3
Manufacturer : EVERFINE

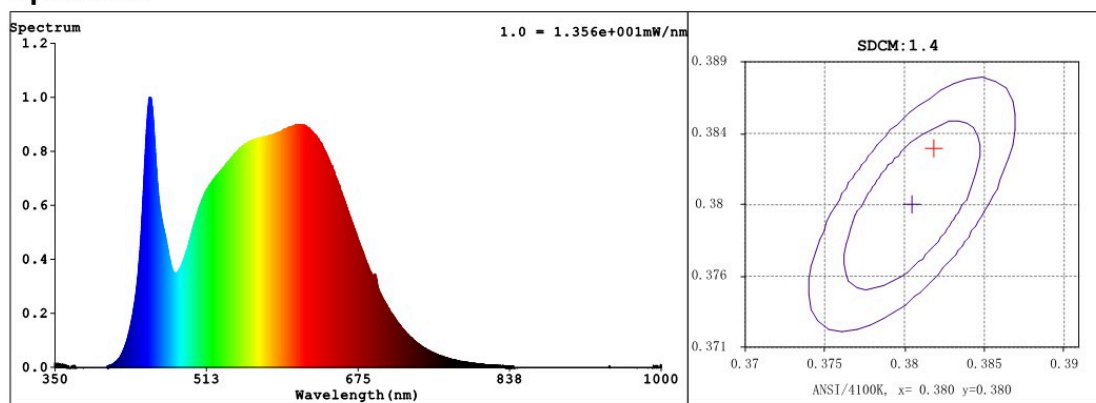
Date : 2020-09-25 11:01:30
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

Temperature : 25.3Deg
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 53478 (82%)
T : 403 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3814$ $y = 0.3835$ / $u' = 0.2230$ $v' = 0.5047$ ($duv=2.87e-03$) $Dx, Dy: 0.0021, 0.0075$

CCT= 4026K Prcp WL: $L_d=577.5nm$ Purity=29.6%

Peak WL: $L_p=452nm$ FWHM: $\approx 24.8nm$ Ratio: R=19.2% G=76.9% B=4.0%

Render Index: $R_a = 90.9$ AvgR = 86.7 TM30: Rf=91 Rg=98

R1 =90 R2 =93 R3 =95 R4 =91 R5 =89 R6 =90 R7 =94

R8 =84 R9 =57 R10=83 R11=90 R12=68 R13=91 R14=97 R15=87

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 772.55 lm Eff. : 94.35 lm/W $Fe = 2.5884 W$

(EQE):2964%

Flux of emitted photons($\mu mol/s$):12.332 Fluo. and blue light ratio:5.828 Fluorescent eff.:236.5

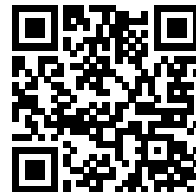
B: $2.5884e+003mW$

Electrical parameters

V = 231.0 V I = 0.04045 A P = 8.188 W PF = 0.8761

Kdisp(IEC) = 0 Freq=49.89 Hz

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



EPREL registration number: 781623

<https://eprel.ec.europa.eu/qr/781623>

Supplier: NAMRON AS (Importer)

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Customer care service:

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