

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: 3222253

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	10	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°)	680 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	2000...2800
On-mode power (P_{on}), expressed in W	10,0	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)	10	
		Chromaticity coordinates (x and y)	0,439 0,401	
Parameters for directional light sources:				
Peak luminous intensity (cd)	1 490	Beam angle in degrees, or the range of beam angles that can be set	37	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	91	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)	0,6	Stroboscopic effect metric (SVM)	0,1	

(a) '-': not applicable;

(b) '-': not applicable;

Spectrum Test Report

Sample :
Specification : 3222253
Sample No. : 5
Manufacturer : EVERFINE

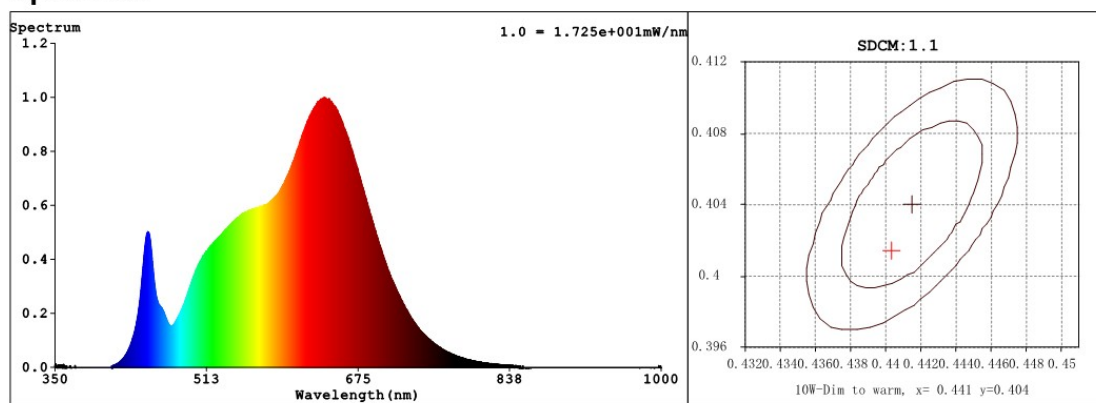
Date : 2021-06-08 14:49:26
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

Temperature : 85Deg
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 50490 (77%)
T : 415 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4398$ $y = 0.4014$ / $u' = 0.2536$ $v' = 0.5208$ ($duv = -1.45e-03$) $Dx, Dy: -0.0022, -0.0044$

CCT= 2930K Prcp WL: $L_d = 583.6nm$ Purity=52.5%

Peak WL: $L_p = 639nm$ FWHM: $=163.5nm$ Ratio: $R=25.9\%$ $G=71.3\%$ $B=2.8\%$

Render Index: $R_a = 95.8$ $AvgR = 94.9$ TM30: $R_f = 95$ $R_g = 105$

$R_1 = 96$ $R_2 = 99$ $R_3 = 93$ $R_4 = 93$ $R_5 = 97$ $R_6 = 98$ $R_7 = 96$

$R_8 = 94$ $R_9 = 91$ $R_{10} = 98$ $R_{11} = 90$ $R_{12} = 91$ $R_{13} = 97$ $R_{14} = 95$ $R_{15} = 96$

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 739.79 lm Eff. : 77.83 lm/W $Fe = 2.9192 W$

(EQE):3161.3%

Flux of emitted photons($\mu mol/s$):14.57 Fluo. and blue light ratio:12.85 Fluorescent eff.:260.7

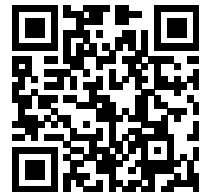
B: $2.9192e+003mW$

Electrical parameters

$V = 231.0 V$ $I = 0.04499 A$ $P = 9.505 W$ PF = 0.9146

$K_{disp}(IEC) = 0.9516$ Freq=49.99 Hz

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



EPREL registration number: 781621

<https://eprel.ec.europa.eu/qr/781621>

Supplier: NAMRON AS (Importer)

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Customer care service:

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