

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: 3802934

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	GU10		
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	6	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°)	470 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	6,0	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	92
Outer dimensions without	Height	Spectral power distribution in the	See image in last page
	Width		
	Depth		

separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)	Yes	If yes, equivalent power (W)	6	
		Chromaticity coordinates (x and y)	0,464 0,415	
Parameters for directional light sources:				
Peak luminous intensity (cd)	898	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)	0,6	Stroboscopic effect metric (SVM)	0,1	

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report

Sample :
Specification : 3802934
Sample No. : 3
Manufacturer : EVERFINE

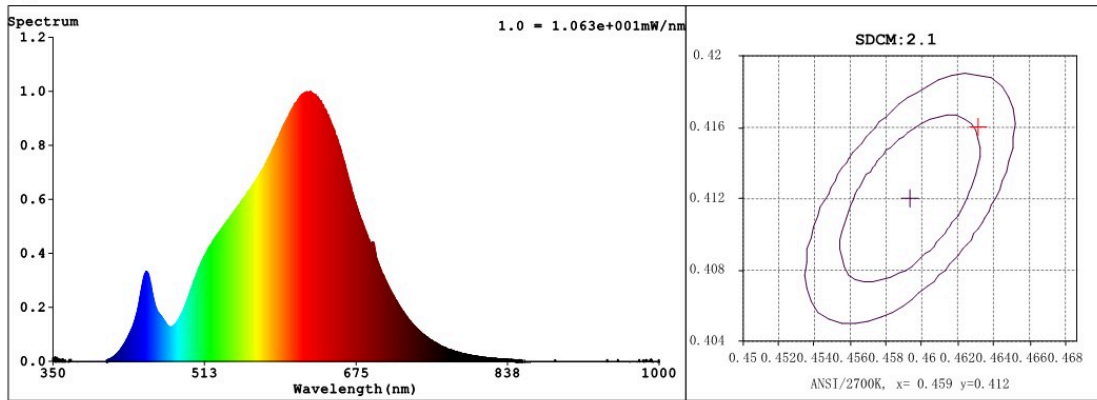
Date : 2021-05-21 14:13:19
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 50781 (77%)
T : 608 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4628$ $y = 0.4160$ / $u' = 0.2620$ $v' = 0.5298$ ($duv=1.74e-03$) $Dx, Dy: 0.0030, 0.0054$

CCT= 2701K Prcp WL: $L_d=583.7nm$ Purity=63.8%

Peak WL: $L_p=626nm$ FWHM: $=150.4nm$ Ratio: R=26.1% G=71.9% B=2.0%

Render Index: $R_a = 91.0$ AvgR = 87.7 TM30:Rf=91 Rg=99

R1 =91 R2 =94 R3 =95 R4 =92 R5 =90 R6 =92 R7 =93

R8 =81 R9 =55 R10=84 R11=93 R12=80 R13=91 R14=96 R15=87

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 491.07 lm Eff. : 84.16 lm/W Fe = 1.7439 W

Scotopic:604.92 S/P:1.2318 (EQE):2960.6%

Flux of emitted photons($\mu mol/s$):8.6832 Fluo. and blue light ratio:15.17 Fluorescent eff.:247.6

B: $1.7439e+003mW$

Electrical parameters

V = 230.8 V I = 0.02863 A P = 5.835 W PF = 0.8828

Kdisp(IEC) = 0.9100 Freq=49.99 Hz

GBT5702

Gamut Index: $G_a=0.99$

C1 =96 C2 =84 C3 =81 C4 =94 C5 =94 C6 =87 C7 =88

C8 =91 C9 =93 C10=78 C11=96 C12=81 C13=94 C14=87 C15=94