

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: 3802937

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	1800...2700
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	95
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)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,457 0,406	
Parameters for directional light sources:				
Peak luminous intensity (cd)	688	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	95	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)	0,8	Stroboscopic effect metric (SVM)	0,1	

(a) '-': not applicable;

(b) '-': not applicable;

Spectrum Test Report

Sample :
Specification : 3802937
Sample No. : 3
Manufacturer : EVERFINE

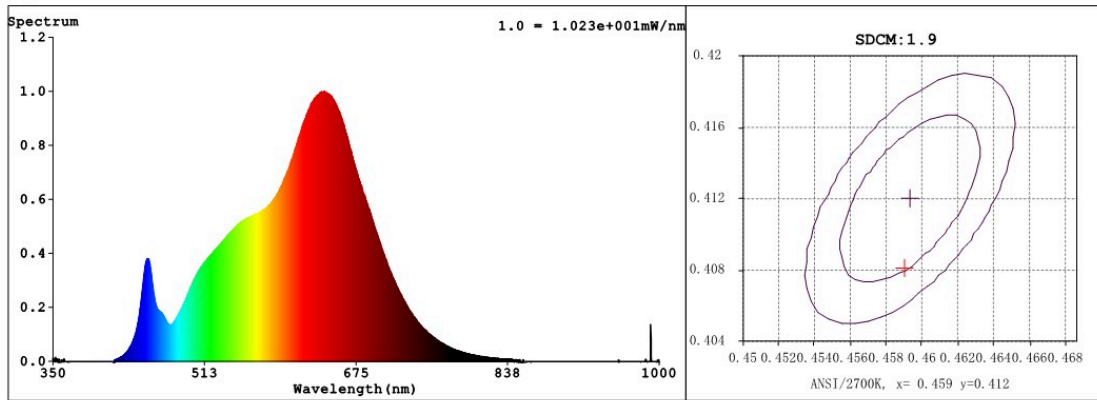
Date : 2021-05-21 11:06:09
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 53295 (81%)
T : 826 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4587$ $y = 0.4081$ / $u' = 0.2629$ $v' = 0.5262$ ($duv = -8.17e-04$) $Dx, Dy: -0.0014, -0.0025$

CCT= 2697K Prcp WL: $L_d = 584.5nm$ Purity=60.2%

Peak WL: $L_p = 641nm$ FWHM: =147.8nm Ratio: R=27.6% G=69.9% B=2.5%

Render Index: $R_a = 96.3$ AvgR = 95.5 TM30: Rf=96 Rg=104

R1 =96 R2 =99 R3 =94 R4 =94 R5 =96 R6 =98 R7 =98

R8 =96 R9 =93 R10=99 R11=91 R12=90 R13=96 R14=95 R15=96

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 406.25 lm Eff. : 73.42 lm/W Fe = 1.6391 W

Scotopic: 540.52 S/P: 1.3305 (EQE): 2934.8%

Flux of emitted photons($\mu mol/s$): 8.2546 Fluo. and blue light ratio: 16.15 Fluorescent eff.: 243.1

B: $1.6391e+003mW$

Electrical parameters

V = 230.9 V I = 0.02750 A P = 5.534 W PF = 0.8715

Kdisp(IEC) = 0.9014 Freq=49.99 Hz

GBT5702

Gamut Index: Ga=1.0

C1 =102 C2 =92 C3 =88 C4 =102 C5 =102 C6 =90 C7 =87

C8 =100 C9 =101 C10=87 C11=103 C12=87 C13=100 C14=94 C15=101