

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, Nedre kalbakkvei 88B, 1081, Oslo, Norway

Model identifier: 3222260

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	9	Energy efficiency class	G
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°)	900 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	9,0	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	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)	9	
		Chromaticity coordinates (x and y)	0,459 0,413	
Parameters for directional light sources:				
Peak luminous intensity (cd)	1 566	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	93	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)	0,1	Stroboscopic effect metric (SVM)	0,1	

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report

Sample : 0
Specification : 3222260
Sample No. : 5
Manufacturer : EVERFINE

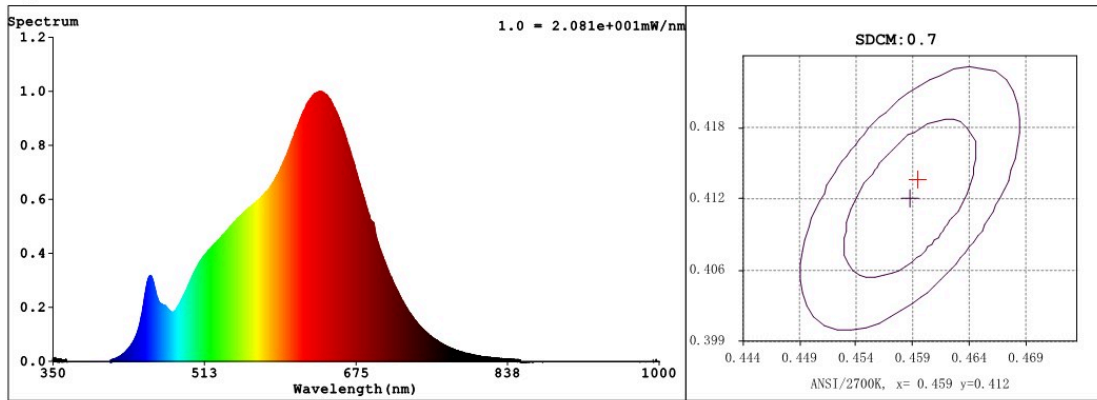
Date : 2021-01-17 14:49:05
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 52307 (80%)
T : 358 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4597$ $y = 0.4137$ / $u' = 0.2610$ $v' = 0.5285$ ($duv=1.16e-03$) $Dx, Dy: 0.0020, 0.0036$

CCT= 2727K Prcp WL: $L_d=583.7nm$ Purity=62.2%

Peak WL: $L_p=636nm$ FWHM: =153.4nm Ratio: R=27.0% G=70.4% B=2.6%

Render Index: $R_a = 98.3$ AvgR = 97.1

R1 =99 R2 =100 R3 =97 R4 =98 R5 =99 R6 =98 R7 =98

R8 =97 R9 =93 R10=98 R11=96 R12=89 R13=99 R14=97 R15=98

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 882.35 lm Eff. : 64.05 lm/W $F_e = 3.4272 W$

(EQE):1616.1%

Flux of emitted photons($\mu mol/s$):17.196 Fluo. and blue light ratio:16.06 Fluorescent eff.:134.5

B: $3.4272e+003mW$

Electrical parameters

V = 230.7 V I = 0.1040 A P = 13.78 W PF = 0.5743

Kdisp(IEC) = 0 Freq=49.99 Hz