

Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: J&EL

Supplier's address: Namron AS, Address: Nedre kalbakkvei 88B, 1081, Oslo, Norway

Model identifier: 3234650

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	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°)	480 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	82
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)	0,458 0,410	
Parameters for directional light sources:				
Peak luminous intensity (cd)	1 002	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	12	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)	0,5	Stroboscopic effect metric (SVM)	0,1	

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report

Sample :
Specification : 3234650
Sample No. : 3
Manufacturer : EVERFINE

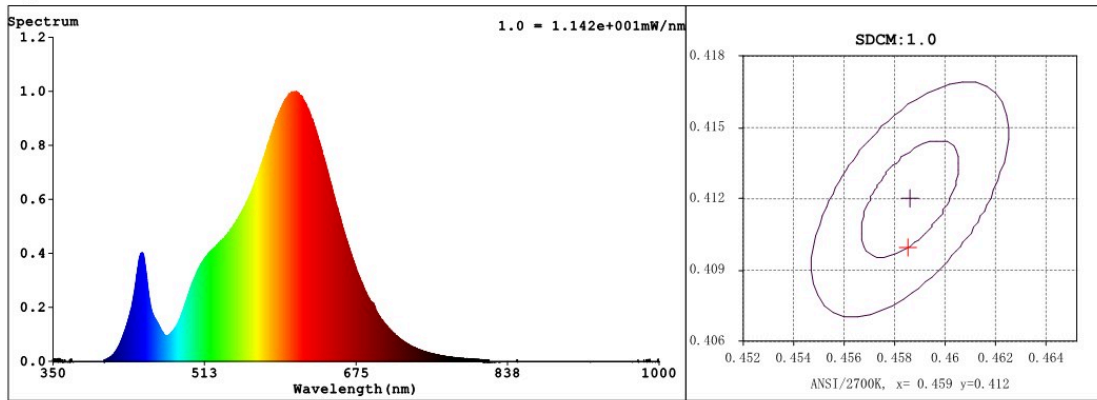
Date : 2021-05-20 15:49:10
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 44088 (67%)
T : 463 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4589$ $y = 0.4101$ / $u' = 0.2621$ $v' = 0.5270$ ($duv = -1.16e-04$) $Dx, Dy: -0.0002, -0.0004$

CCT= 2709K Prcp WL: $L_d = 584.2$ nm Purity=60.9%

Peak WL: $L_p = 611$ nm FWHM: =117.3nm Ratio:R=25.3% G=72.7% B=2.0%

Render Index: $R_a = 84.0$ AvgR = 79.1

R1 =83 R2 =91 R3 =97 R4 =84 R5 =83 R6 =90 R7 =83

R8 =60 R9 =12 R10=80 R11=85 R12=79 R13=84 R14=99 R15=74

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 517.51 lm Eff. : 79.98 lm/W $F_e = 1.6172$ W

(EQE):2361.6%

Flux of emitted photons($\mu\text{mol/s}$):7.9016 Fluo. and blue light ratio:12.20 Fluorescent eff.:199.4

B: $1.6172e+003$ mW

Electrical parameters

V = 230.9 V I = 0.03246 A P = 6.470 W PF = 0.8632

Kdisp(IEC) = 0.9348 Freq=49.99 Hz