

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: 3234651

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°)	380 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)	Yes	If yes, equivalent power (W)	6	
		Chromaticity coordinates (x and y)	0,457 0,404	
Parameters for directional light sources:				
Peak luminous intensity (cd)	648	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	90	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 : 3234651
Sample No. : 4
Manufacturer : EVERFINE

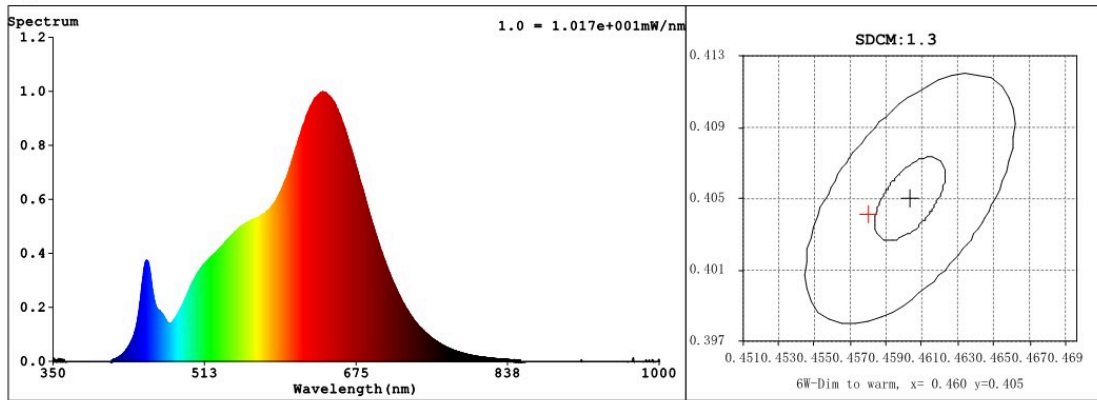
Date : 2021-05-20 16:18:31
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 52793 (81%)
T : 759 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4577$ $y = 0.4041$ / $u' = 0.2640$ $v' = 0.5245$ ($duv = -2.23e-03$) $Dx, Dy: -0.0038, -0.0068$

CCT= 2680K Prcp WL: $L_d = 585.1nm$ Purity=58.7%

Peak WL: $L_p = 639nm$ FWHM: =141.2nm Ratio: R=28.0% G=69.4% B=2.6%

Render Index: $R_a = 95.2$ AvgR = 94.4

R1 =94 R2 =98 R3 =95 R4 =92 R5 =95 R6 =96 R7 =98

R8 =94 R9 =90 R10=98 R11=89 R12=93 R13=95 R14=96 R15=95

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 395.77 lm Eff. : 64.38 lm/W $F_e = 1.6088 W$

(EQE):2557.6%

Flux of emitted photons($\mu mol/s$):8.0984 Fluo. and blue light ratio:15.59 Fluorescent eff.:211.8

B: $1.6088e+003mW$

Electrical parameters

V = 230.9 V I = 0.03092 A P = 6.147 W PF = 0.8610

Kdisp(IEC) = 0.9332 Freq=49.99 Hz