

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: 3234655

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	10	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°)	680 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	2000...2800
On-mode power (P_{on}), expressed in W	10,0	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)	10	
		Chromaticity coordinates (x and y)	0,440 0,404	
Parameters for directional light sources:				
Peak luminous intensity (cd)	1 219	Beam angle in degrees, or the range of beam angles that can be set	35	
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)	0,6	Stroboscopic effect metric (SVM)	0,1	

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report

Sample : 0
Specification : 3234655
Sample No. : 2
Manufacturer : EVERFINE

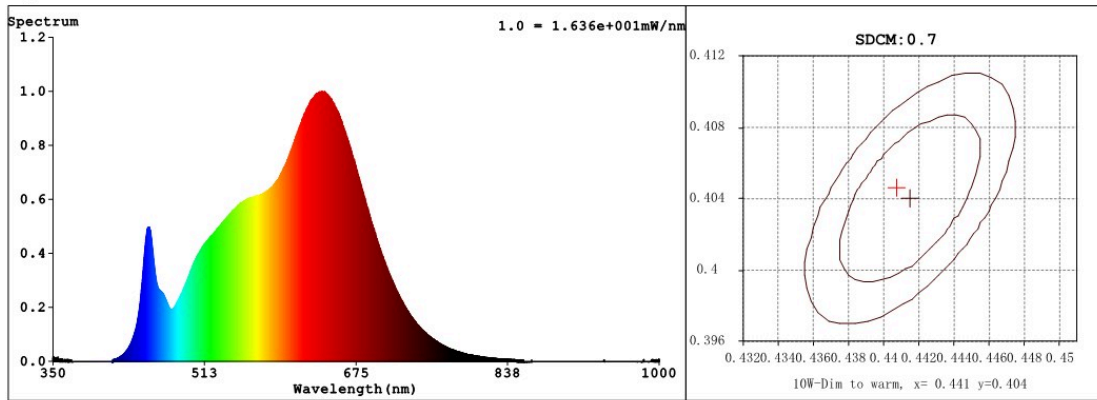
Date : 2020-10-15 13:39:20
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 49926 (76%)
T : 401 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4402$ $y = 0.4046$ / $u' = 0.2525$ $v' = 0.5221$ ($duv = -2.18e-04$) $Dx, Dy: -0.0003, -0.0007$

CCT= 2950K Prcp WL: $L_d = 583.1\text{nm}$ Purity=53.6%

Peak WL: $L_p = 638\text{nm}$ FWHM: =164.0nm Ratio: R=25.6% G=71.4% B=2.9%

Render Index: $R_a = 97.3$ AvgR = 96.1

R1 =97 R2 =100 R3 =94 R4 =96 R5 =98 R6 =98 R7 =99

R8 =97 R9 =95 R10=98 R11=94 R12=86 R13=98 R14=96 R15=97

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 718.11 lm Eff. : 74.22 lm/W $F_e = 2.7890\text{ W}$

(EQE):2953.3%

Flux of emitted photons($\mu\text{mol/s}$):13.897 Fluo. and blue light ratio:12.51 Fluorescent eff.:243.4

B: $2.7890e+003\text{mW}$

Electrical parameters

V = 230.9 V I = 0.04596 A P = 9.675 W PF = 0.9117

Kdisp(IEC) = 0 Freq=49.89 Hz