

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: 3222236

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)	0,430 0,400	
Parameters for directional light sources:				
Peak luminous intensity (cd)	1 193	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	98	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 :
Specification : 3222236
Sample No. : 1
Manufacturer : EVERFINE

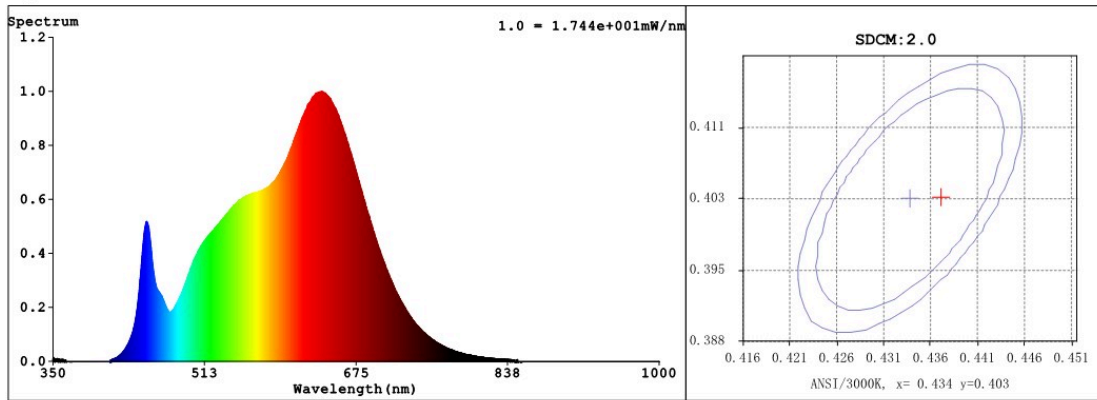
Date : 2021-05-20 15:03:11
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 55701 (85%)
T : 463 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4371$ $y = 0.4032$ / $u' = 0.2511$ $v' = 0.5211$ ($duv = -3.83e-04$) $Dx, Dy: -0.0006, -0.0012$

CCT= 2990K Prcp WL: $L_d = 583.0nm$ Purity=52.2%

Peak WL: $L_p = 638nm$ FWHM: =166.5nm Ratio:R=25.3% G=71.8% B=2.9%

Render Index: $R_a = 97.3$ AvgR = 96.3 TM30:Rf=96 Rg=103

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

R8 =97 R9 =97 R10=96 R11=94 R12=87 R13=98 R14=95 R15=98

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 779.67 lm Eff. : 79.82 lm/W $F_e = 2.9918 W$

Scotopic:1131.8 S/P:1.4516 (EQE):3140.3%

Flux of emitted photons($\mu mol/s$):14.885 Fluo. and blue light ratio:12.24 Fluorescent eff.:259.2

B: $2.9918e+003mW$

Electrical parameters

V = 230.9 V I = 0.04622 A P = 9.768 W PF = 0.9154

Kdisp(IEC) = 0.9516 Freq=49.99 Hz

GBT5702

Gamut Index: $G_a = 1.0$

C1 =101 C2 =88 C3 =82 C4 =100 C5 =101 C6 =87 C7 =83

C8 =99 C9 =100 C10=83 C11=102 C12=84 C13=98 C14=88 C15=100