

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: customer service, Nedre kalbakkvei 88B, 1081 Oslo, NO

Model identifier: 3220265

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	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°)	780 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 separate control gear, lighting control	Height	40	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	95	
	Depth	95	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	Yes	If yes, equivalent power (W)	10
		Chromaticity coordinates (x and y)	0,440 0,403
Parameters for directional light sources:			
Peak luminous intensity (cd)	1 251	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	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)	0,2	Stroboscopic effect metric (SVM)	0,1

(a) '-': not applicable;

(b) '-': not applicable;

Spectrum Test Report

Sample :
Specification : 3220265
Sample No. : 1
Manufacturer : EVERFINE

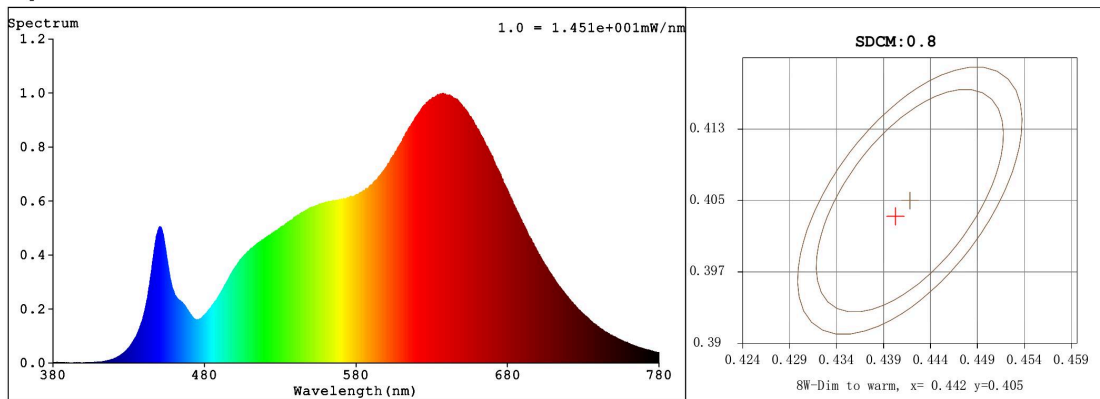
Date : 2022-10-18 11:11:01
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : admin

Test Condition

Temperature : 20.0Deg
WL Range : 380nm-780nm
Test Mode : Fast Test

RH : 65.0%
IP : 49237 (75%)
T : 445 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4405$ $y = 0.4033$ / $u' = 0.2532$ $v' = 0.5216$ ($duv = -7.62e-04$) $Dx, Dy: -0.0011, -0.0023$
CCT= 2935K Prcp WL: $L_d = 583.4nm$ Purity=53.3%
Peak WL: $L_p = 638nm$ FWHM: =162.5nm Ratio: R=25.8% G=71.4% B=2.8%
Render Index: $R_a = 96.7$ AvgR = 95.7 TM30: Rf=96 Rg=104
R1 =97 R2 =99 R3 =93 R4 =94 R5 =98 R6 =98 R7 =97
R8 =96 R9 =95 R10=97 R11=92 R12=88 R13=98 R14=95 R15=97
LEVEL:OUT WHITE:ANSI_3000K
CQS Parameters: $Q_a = 96.7$ GAI Parameters: GAI_EES = 59.3, GAI_BB8:106.6, GAI_BB15:109.4 TLCI Parameters
COI:5.40

Photometric & Radiometric Parameters

Flux = 713.66 lm Eff. : 78.34 lm/W $Fe = 2.7400 W$
Scotopic:1022.6 S/P:1.4328 (EQE):2845.6%
Flux of emitted photons($\mu mol/s$):13.774 Fluo. and blue light ratio:12.94 Fluorescent eff.:266.5
B: $2.4248e+003mW$

Electrical parameters

V = 231.0 V I = 0.04132 A P = 9.110 W PF = 0.9545
Kdisp(IEC) = 0.9730 Freq=49.99 Hz

GBT5702

Gamut Index: $G_a = 1.0$
C1 =101 C2 =90 C3 =84 C4 =101 C5 =101 C6 =87 C7 =84
C8 =99 C9 =101 C10=85 C11=102 C12=84 C13=99 C14=90 C15=101