

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: 3225468

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	8	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°)	560 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	8,0	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	98
Outer dimensions without separate control gear, lighting control	Height	55	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	90	
	Depth	90	
			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)	8
		Chromaticity coordinates (x and y)	0,456 0,412
Parameters for directional light sources:			
Peak luminous intensity (cd)	1 241	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	89	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)	0,7	Stroboscopic effect metric (SVM)	0,1

(a) '-': not applicable;

(b) '-': not applicable;

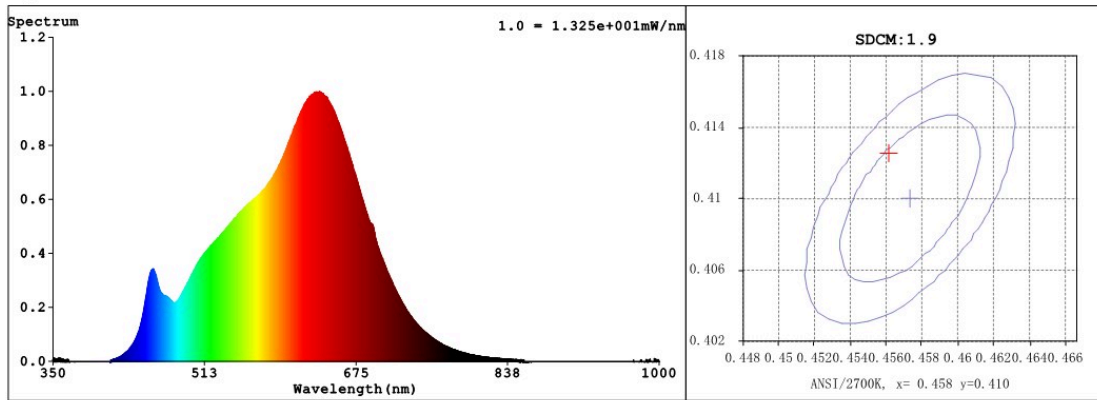
Spectrum Test Report

Sample :
Specification : 3225468
Sample No. : 1
Manufacturer :
Date : 2022-03-24 09:20:52
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 : 52356 (80%)
T : 496 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4566$ $y = 0.4126$ / $u' = 0.2595$ $v' = 0.5276$ ($duv=1.04e-03$) $Dx, Dy: 0.0018, 0.0032$

CCT= 2762K Prcp WL: $L_d=583.6nm$ Purity=60.9%

Peak WL: $L_p=636nm$ FWHM: $=155.6nm$ Ratio: R=26.7% G=70.5% B=2.8%

Render Index: $R_a = 97.9$ AvgR = 96.7 TM30:Rf=94 Rg=99

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

R8 =95 R9 =89 R10=99 R11=98 R12=87 R13=99 R14=98 R15=97

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 622.35 lm Eff. : 76.27 lm/W $F_e = 2.3808 W$

(EQE):2671%

Flux of emitted photons($\mu mol/s$):12.064 Fluo. and blue light ratio:14.57 Fluorescent eff.:239.4

B: $2.2045e+003mW$

Electrical parameters

V = 230.7 V I = 0.04034 A P = 8.160 W PF = 0.8765

Kdisp(IEC) = 0.9327 Freq=50.08 Hz