

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: 3220258

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°)	800 in Nar-row 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	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	98
Outer dimensions without separate control gear, lighting control	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

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)	0,453 0,411	
Parameters for directional light sources:				
Peak luminous intensity (cd)	1 314	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	84	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 : 3220258
Sample No. : 1
Manufacturer :

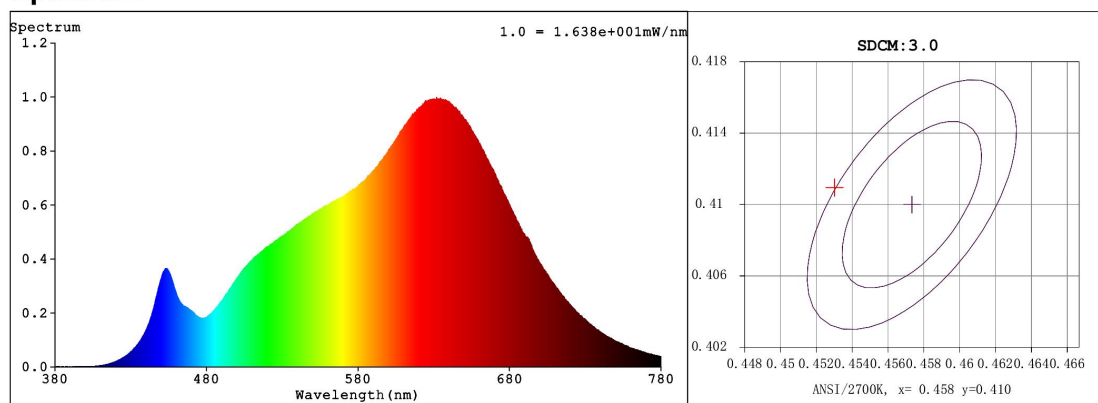
Date : 2022-10-17 14:34:10
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : ADMIN
Assessor : admin

Test Condition

Temperature : 85Deg
WL Range : 380nm-780nm
Test Mode : Fast Test

RH : 65.0%
IP : 48042 (73%)
T : 377 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4535$ $y = 0.4110$ / $u' = 0.2582$ $v' = 0.5266$ ($duv=7.46e-04$) $Dx, Dy: 0.0012, 0.0023$

CCT= 2795K Prcp WL: $L_d=583.5nm$ Purity=59.5%

Peak WL: $L_p=632nm$ FWHM: $=155.5nm$ Ratio: $R=26.3\%$ $G=71.1\%$ $B=2.6\%$

Render Index: $R_a = 97.5$ $AvgR = 95.7$ $TM30: R_f=96$ $R_g=101$

$R_1=99$ $R_2=99$ $R_3=96$ $R_4=99$ $R_5=98$ $R_6=98$ $R_7=97$

$R_8=93$ $R_9=84$ $R_{10}=95$ $R_{11}=98$ $R_{12}=87$ $R_{13}=99$ $R_{14}=97$ $R_{15}=96$

LEVEL:OUT WHITE:ANSI_2700K

CQS Parameters: $Q_a = 97.1$ GAI Parameters: $GAI_EES = 50.4$, $GAI_BB8:98.0$, $GAI_BB15:102.3$ TLCI Parameters: $COI:5.24$

Photometric & Radiometric Parameters

Flux = 764.55 lm Eff. : 77.15 lm/W $Fe = 2.8408 W$

Scotopic:1032 S/P:1.3499 (EQE):2943.1%

Flux of emitted photons($\mu mol/s$):14.3 Fluo. and blue light ratio:14.38 Fluorescent eff.:257.7

B: $2.7055e+003mW$

Electrical parameters

$V = 231.0 V$ $I = 0.04464 A$ $P = 9.910 W$ $PF = 0.9612$

$K_{disp}(IEC) = 0.9776$ Freq=49.99 Hz

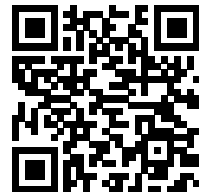
GBT5702

Gamut Index: $G_a=1.0$

$C_1=99$ $C_2=88$ $C_3=80$ $C_4=98$ $C_5=99$ $C_6=89$ $C_7=85$

$C_8=96$ $C_9=97$ $C_{10}=83$ $C_{11}=100$ $C_{12}=85$ $C_{13}=98$ $C_{14}=86$ $C_{15}=98$

Model placed on the Union market from 01/09/2022



EPREL registration number: 1392059

<https://eprel.ec.europa.eu/qr/1392059>

Supplier: NAMRON AS (Importer)

Website: www.namron.com

Customer care service:

Name: customer service

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