

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: 3220244

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°)	730 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	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	55	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)	0,457 0,409
Parameters for directional light sources:			
Peak luminous intensity (cd)	1 586	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	91	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 : 3220244
Sample No. : 1
Manufacturer : EVERFINE

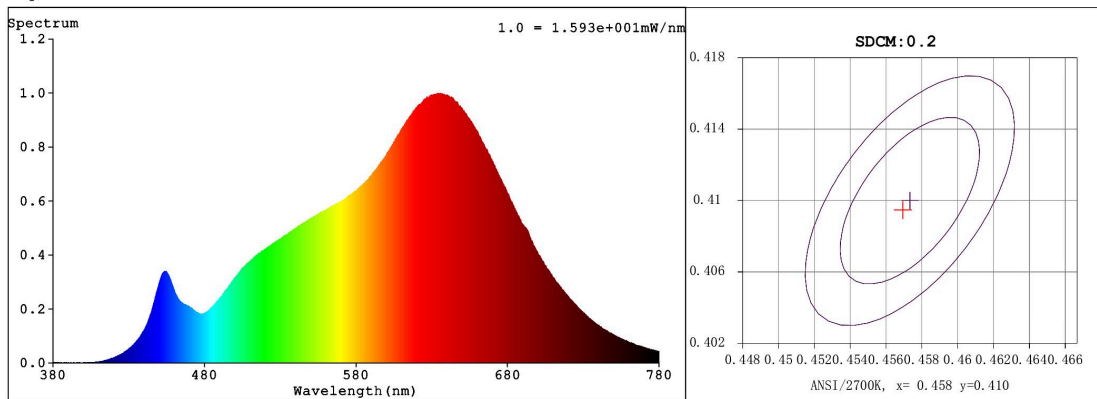
Date : 2022-10-18 09:39:31
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : admin

Test Condition

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

RH : 65.0%
IP : 54431 (83%)
T : 445 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4574$ $y = 0.4096$ / $u' = 0.2614$ $v' = 0.5266$ ($duv = -1.69e-04$) $Dx, Dy: -0.0003, -0.0005$

CCT= 2727K Prcp WL: $L_d = 584.1nm$ Purity=60.2%

Peak WL: $L_p = 634nm$ FWHM: =151.8nm Ratio: R=27.1% G=70.3% B=2.6%

Render Index: $R_a = 98.1$ AvgR = 97.0 TM30:Rf=96 Rg=101

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

R8 =96 R9 =91 R10=99 R11=95 R12=90 R13=99 R14=97 R15=98

LEVEL:OUT WHITE:ANSI_2700K

CQS Parameters: $Q_a = 97.9$ GAI Parameters: $GAI_EES = 50.4$, $GAI_BB8:101.9$, $GAI_BB15:105.9$ TLCI Parameters
COI:6.03

Photometric & Radiometric Parameters

Flux = 748.40 lm Eff. : 75.51 lm/W $Fe = 2.8645 W$

Scotopic:1003.3 S/P:1.3407 (EQE):2841.2%

Flux of emitted photons($\mu mol/s$):14.484 Fluo. and blue light ratio:14.55 Fluorescent eff.:259.6

B: $2.6041e+003mW$

Electrical parameters

$V = 231.0 V$ $I = 0.04471 A$ $P = 9.911 W$ PF = 0.9599

$K_{disp}(IEC) = 0.9765$ Freq=49.99 Hz

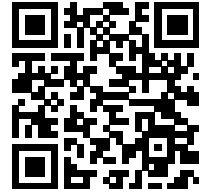
GBT5702

Gamut Index: $G_a = 1.0$

C1 =100 C2 =91 C3 =84 C4 =99 C5 =100 C6 =91 C7 =84

C8 =97 C9 =98 C10=86 C11=101 C12=87 C13=99 C14=89 C15=99

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



EPREL registration number: 1392538

<https://eprel.ec.europa.eu/qr/1392538>

Supplier: NAMRON AS (Importer)

Website: www.namron.com

Customer care service:

Name: customer service

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