

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: 3220266

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°)	672 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	2000...2800
On-mode power (P_{on}), expressed in W	9,0	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	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)	9	
		Chromaticity coordinates (x and y)	0,439 0,401	
Parameters for directional light sources:				
Peak luminous intensity (cd)	1 270	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	93	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 : 3220266
Sample No. : 1
Manufacturer :

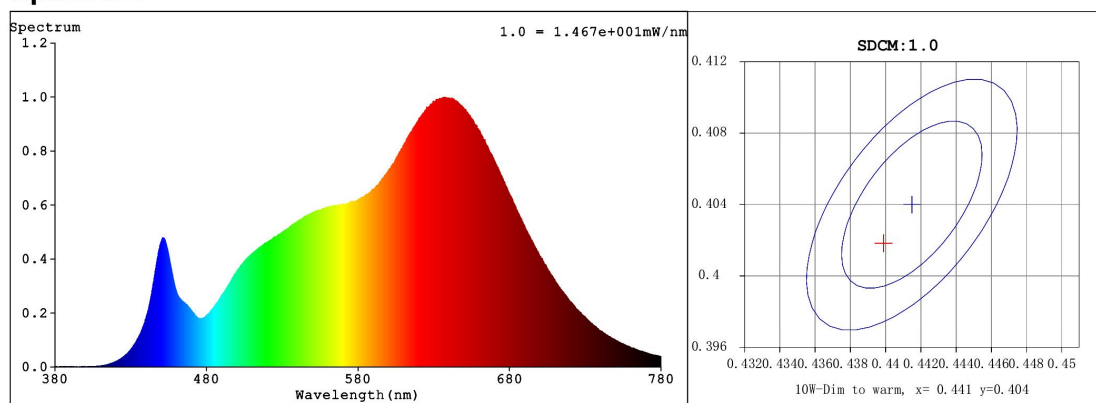
Date : 2022-10-17 16:37:13
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : ADMIN
Assessor : admin

Test Condition

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

RH : 65.0%
IP : 49796 (76%)
T : 445 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4394$ $y = 0.4018$ / $u' = 0.2532$ $v' = 0.5209$ ($duv = -1.23e-03$) $Dx, Dy: -0.0018, -0.0037$

CCT= 2940K Prcp WL: $L_d = 583.5nm$ Purity=52.5%

Peak WL: $L_p = 637nm$ FWHM: $=162.0nm$ Ratio: R=25.9% G=71.2% B=2.9%

Render Index: $R_a = 96.5$ AvgR = 95.6 TM30: Rf=96 Rg=104

R1 =96 R2 =99 R3 =94 R4 =94 R5 =97 R6 =98 R7 =98

R8 =96 R9 =93 R10=99 R11=92 R12=89 R13=97 R14=96 R15=96

LEVEL:OUT WHITE:ANSI_3000K

CQS Parameters: $Q_a = 97.1$ GAI Parameters: $GAI_EES = 60.1$, $GAI_BB8:107.9$, $GAI_BB15:110.5$ TLCl Parameters
COI:5.43

Photometric & Radiometric Parameters

Flux = 732.99 lm Eff. : 79.33 lm/W $Fe = 2.8289 W$

Scotopic:1060.6 S/P:1.4469 (EQE):2847.1%

Flux of emitted photons($\mu mol/s$):14.215 Fluo. and blue light ratio:12.19 Fluorescent eff.:270.3

B: $2.4599e+003mW$

Electrical parameters

$V = 231.0 V$ $I = 0.04188 A$ $P = 9.240 W$ PF = 0.9551

$Kdisp(IEC) = 0.9739$ Freq=49.99 Hz

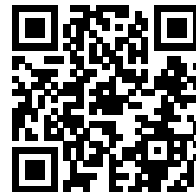
GBT5702

Gamut Index: $G_a = 1.0$

C1 =101 C2 =90 C3 =85 C4 =102 C5 =102 C6 =88 C7 =82

C8 =99 C9 =101 C10=85 C11=103 C12=85 C13=100 C14=90 C15=101

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



EPREL registration number: 1392082

<https://eprel.ec.europa.eu/qr/1392082>

Supplier: NAMRON AS (Importer)

Website: www.namron.com

Customer care service:

Name: customer service

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