

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, Address: Nedre kalbakkvei 88B, 1081, Oslo, Norway

Model identifier: 3234634

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	4 Wire 3 Circuit		
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:	No

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	40	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°)	3 900 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	4 000
On-mode power (P_{on}), expressed in W	40,0	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	90
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)	40	
		Chromaticity coordinates (x and y)	0,384 0,384	
Parameters for directional light sources:				
Peak luminous intensity (cd)	7 786	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	62	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)	0,1	Stroboscopic effect metric (SVM)	0,1	

(a) '-': not applicable;

(b) '-': not applicable;

Spectrum Test Report

Sample : 0
Specification : 3234634
Sample No. : 3
Manufacturer : EVERFINE

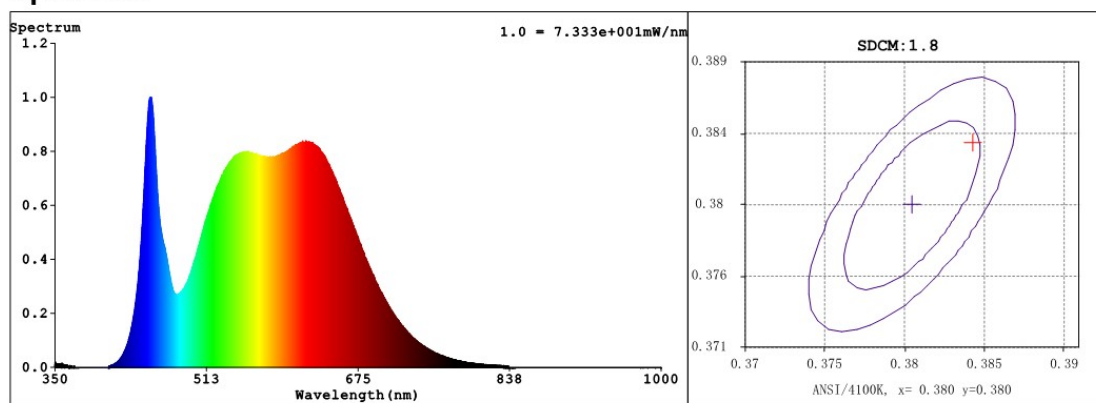
Date : 2020-12-08 09:13:20
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

Temperature : 85Deg
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 42551 (65%)
T : 68 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3838$ $y = 0.3839$ / $u' = 0.2245$ $v' = 0.5052$ ($duv=2.34e-03$) $Dx, Dy: 0.0018, 0.0062$

CCT= 3965K Prcp WL: $L_d=578.0nm$ Purity=30.4%

Peak WL: $L_p=453nm$ FWHM: $\approx 20.7nm$ Ratio: R=19.4% G=77.1% B=3.5%

Render Index: $R_a = 89.4$ AvgR = 84.9 TM30: Rf=90 Rg=99

R1 =90 R2 =91 R3 =89 R4 =90 R5 =88 R6 =86 R7 =95

R8 =87 R9 =62 R10=76 R11=88 R12=60 R13=90 R14=93 R15=89

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 3870.7 lm Eff. : 93.22 lm/W $Fe = 13.066 W$

(EQE):3190.1%

Flux of emitted photons($\mu mol/s$):62.571 Fluo. and blue light ratio:5.706 Fluorescent eff.:252.8

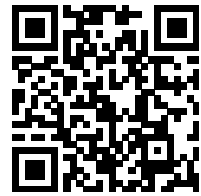
B: $1.3066e+004mW$

Electrical parameters

V = 230.6 V I = 0.1907 A P = 41.52 W PF = 0.9440

Kdisp(IEC) = 0 Freq=50.01 Hz

Model placed on the Union market from 01/09/2021



EPREL registration number: 781641

<https://eprel.ec.europa.eu/qr/781641>

Supplier: NAMRON AS (Importer)

Website: www.namron.com

Customer care service:

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