

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: 3234633

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 | 178 | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
| | Width | 90 | |
| | Depth | 172 | |
| | | | 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) | 40 |
| | | Chromaticity coordinates (x and y) | 0,383 0,383 |
| Parameters for directional light sources: | | | |
| Peak luminous intensity (cd) | 13 030 | Beam angle in degrees, or the range of beam angles that can be set | 24 |
| 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 : 3234633
Sample No. : 3
Manufacturer : EVERFINE

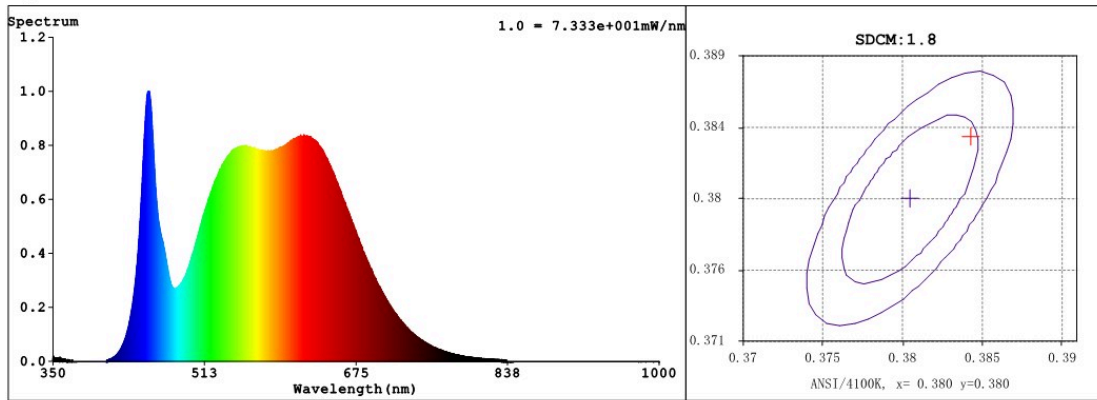
Date : 2020-12-08 09:13:20
Sam. Status :
Instrument : HAAS-2000(EVERFINE)
Test by : DAMIN
Assessor : damin

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: $=20.7nm$ 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 $F_e = 13.066 W$

(EQE):3190.1%

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

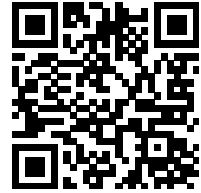
B: $1.3066e+004mW$

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: 781656

<https://eprel.ec.europa.eu/qr/781656>

Supplier: NAMRON AS (Importer)

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Customer care service:

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