

# 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:** 3220269

## 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                  |
|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| <b>General product parameters:</b>                                                                                                             |                           |                                                                                                                                                            |                        |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer                                                                  | 8                         | Energy efficiency class                                                                                                                                    | F                      |
| Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 660 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                                                                                                     | 8,0                       | 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 <sup>(a)</sup>                                                                                | Yes  | If yes, equivalent power (W)                                       | 8              |  |
|                                                                                                                         |      | Chromaticity coordinates (x and y)                                 | 0,446<br>0,404 |  |
| <b>Parameters for directional light sources:</b>                                                                        |      |                                                                    |                |  |
| Peak luminous intensity (cd)                                                                                            | 976  | Beam angle in degrees, or the range of beam angles that can be set | 38             |  |
| <b>Parameters for LED and OLED light sources:</b>                                                                       |      |                                                                    |                |  |
| R9 colour rendering index value                                                                                         | 91   | Survival factor                                                    | 0,90           |  |
| the lumen maintenance factor                                                                                            | 0,96 |                                                                    |                |  |
| <b>Parameters for LED and OLED mains light sources:</b>                                                                 |      |                                                                    |                |  |
| displacement factor (cos $\phi_1$ )                                                                                     | 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)                                                                                                 | 0,3  | Stroboscopic effect metric (SVM)                                   | 0,1            |  |

(a) '-': not applicable;

(b) '-': not applicable;

## Spectrum Test Report

Sample :  
Specification : 3220269  
Sample No. : 1  
Manufacturer : EVERFINE

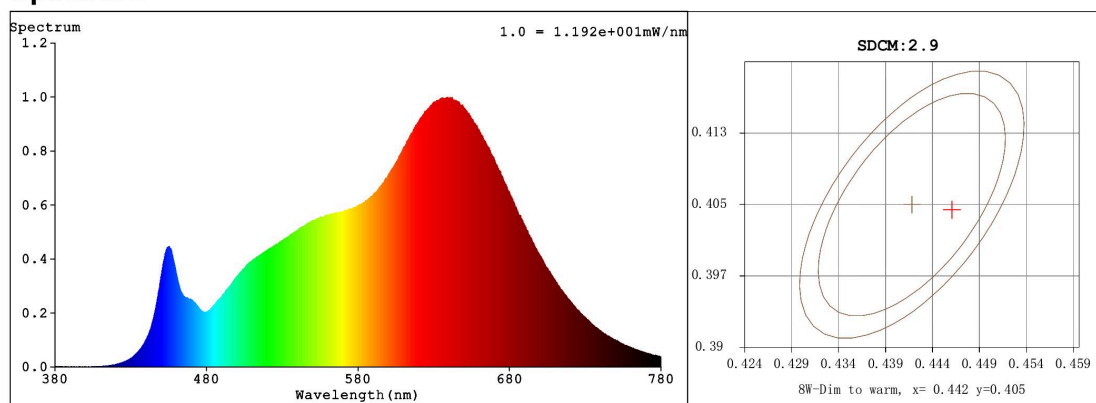
Date : 2022-10-19 13:53:40  
Sam. Status :  
Instrument : HAAS-2000(EVERFINE)  
Test by : DAMIN  
Assessor : admin

### Test Condition

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

RH : 65.0%  
IP : 40404 (62%)  
T : 445 ms  
Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate: x = 0.4463 y = 0.4044 / u' = 0.2565 v' = 0.5229 (duv=-1.01e-03) Dx,Dy:-0.0016,-0.0031

CCT= 2852K Prcp WL: Ld=583.8nm Purity=55.4%

Peak WL: Lp=639nm FWHM: =153.5nm Ratio:R=26.6% G=70.4% B=3.0%

Render Index: Ra = 96.1 AvgR = 94.8 TM30:Rf=95 Rg=103

R1 =95 R2 =98 R3 =96 R4 =95 R5 =95 R6 =95 R7 =99

R8 =95 R9 =91 R10=97 R11=92 R12=86 R13=95 R14=97 R15=95

LEVEL:OUT WHITE:ANSI\_2700K

CQS Parameters: Qa = 97.8 GAI Parameters: GAI\_EES = 56.3, GAI\_BB8:105.8, GAI\_BB15:110.3 TLCl Parameters  
COI:6.00

### Photometric & Radiometric Parameters

Flux = 573.88 lm Eff. : 78.58 lm/W Fe = 2.2406 W

Scotopic:822.25 S/P:1.4328 (EQE):2866.3%

Flux of emitted photons(umol/s):11.304 Fluo. and blue light ratio:13.02 Fluorescent eff.:272.5

B: 1.9484e+003mW

### Electrical parameters

V = 230.8 V I = 0.03308 A P = 7.303 W PF = 0.9564

Kdisp(IEC) = 0.9744 Freq=49.99 Hz

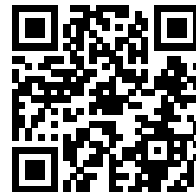
### GBT5702

Gamut Index: Ga=1.0

C1 =102 C2 =92 C3 =84 C4 =101 C5 =103 C6 =90 C7 =82

C8 =99 C9 =101 C10=87 C11=103 C12=88 C13=101 C14=90 C15=102

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



**EPREL registration number:** 1392088

<https://eprel.ec.europa.eu/qr/1392088>

**Supplier:** NAMRON AS (Importer)

**Website:** [www.namron.com](http://www.namron.com)

**Customer care service:**

**Name:** customer service

**Website:** [www.namron.com](http://www.namron.com)

**Email:** [post@namron.com](mailto:post@namron.com)

**Phone:** 22 81 27 70

**Address:**

Nedre kalbakkvei 88B  
1081 Oslo  
Norway