

# 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:** 3802936

## Type of light source:

|                                                     |      |                                 |     |
|-----------------------------------------------------|------|---------------------------------|-----|
| Lighting technology used:                           | LED  | Non-directional or directional: | DLS |
| Light source cap-type (or other electric interface) | GU10 |                                 |     |
| 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                                                                  | 6                         | 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°) | 470 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 | 2 700                  |
| On-mode power ( $P_{on}$ ), expressed in W                                                                                                     | 6,0                       | 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                                                         | 92                     |
| 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)                                       | 6              |  |
|                                                                                                                         |      | Chromaticity coordinates (x and y)                                 | 0,464<br>0,415 |  |
| <b>Parameters for directional light sources:</b>                                                                        |      |                                                                    |                |  |
| Peak luminous intensity (cd)                                                                                            | 898  | 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                                                                                         | 92   | 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)                                                                                                 | 0,6  | Stroboscopic effect metric (SVM)                                   | 0,1            |  |

(a) '-': not applicable;

(b) '-': not applicable;

## Spectrum Test Report

Sample :  
Specification : 3802936  
Sample No. : 4  
Manufacturer : EVERFINE

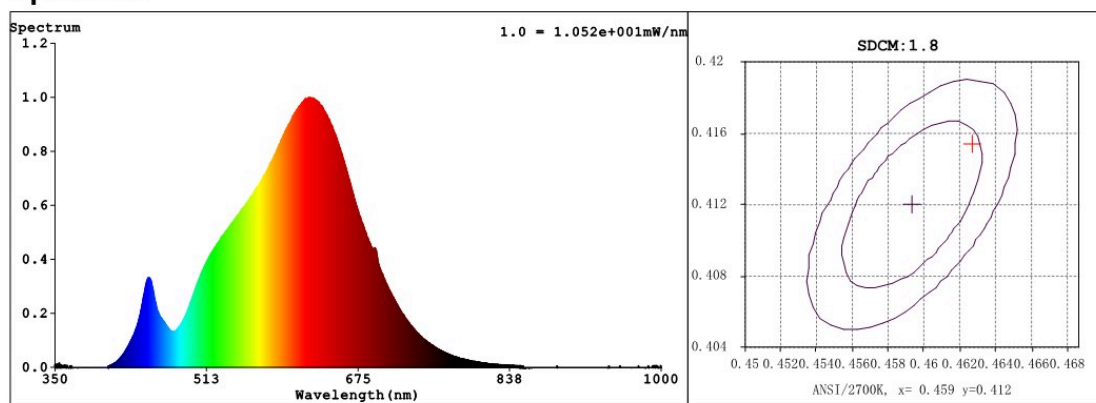
Date : 2021-05-21 14:15:22  
Sam. Status :  
Instrument : HAAS-2000(EVERFINE)  
Test by : DAMIN  
Assessor : damin

### Test Condition

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

RH : 65.0%  
IP : 50150 (77%)  
T : 608 ms  
Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate: x = 0.4624 y = 0.4154 / u' = 0.2620 v' = 0.5295 (duv=1.55e-03) Dx,Dy:0.0027,0.0048

CCT= 2702K Prcp WL: Ld=583.7nm Purity=63.5%

Peak WL: Lp=622nm FWHM: =150.5nm Ratio:R=26.1% G=71.9% B=2.0%

Render Index: Ra = 91.0 AvgR = 87.7 TM30:Rf=91 Rg=100

R1 =91 R2 =94 R3 =96 R4 =92 R5 =90 R6 =93 R7 =93

R8 =81 R9 =55 R10=85 R11=93 R12=80 R13=91 R14=97 R15=87

LEVEL:OUT WHITE:ANSI\_2700K

### Photometric & Radiometric Parameters

Flux = 486.21 lm Eff. : 83.51 lm/W Fe = 1.7279 W

Scotopic:600.15 S/P:1.2344 (EQE):2939.5%

Flux of emitted photons(umol/s):8.6015 Fluor. and blue light ratio:14.83 Fluorescent eff.:245.5

B: 1.7280e+003mW

### Electrical parameters

V = 230.9 V I = 0.02857 A P = 5.822 W PF = 0.8827

Kdisp(IEC) = 0.9102 Freq=49.99 Hz

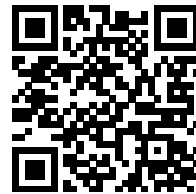
### GBT5702

Gamut Index: Ga=0.99

C1 =96 C2 =85 C3 =81 C4 =94 C5 =94 C6 =87 C7 =87

C8 =91 C9 =93 C10=79 C11=96 C12=81 C13=94 C14=87 C15=94

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



**EPREL registration number:** 716803

<https://eprel.ec.europa.eu/qr/716803>

**Supplier:** NAMRON AS (Importer)

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

**Customer care service:**

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