

# Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

**Supplier's name or trade mark:** Sencys

**Supplier's address:** Customer support, Herikerbergweg 336 - Diana building, 1101 CT Amsterdam, NL

**Model identifier:** 5414628162654

## 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:                       | No  |

## Product parameters

| Parameter | Value | Parameter | Value |
|-----------|-------|-----------|-------|
|-----------|-------|-----------|-------|

### General product parameters:

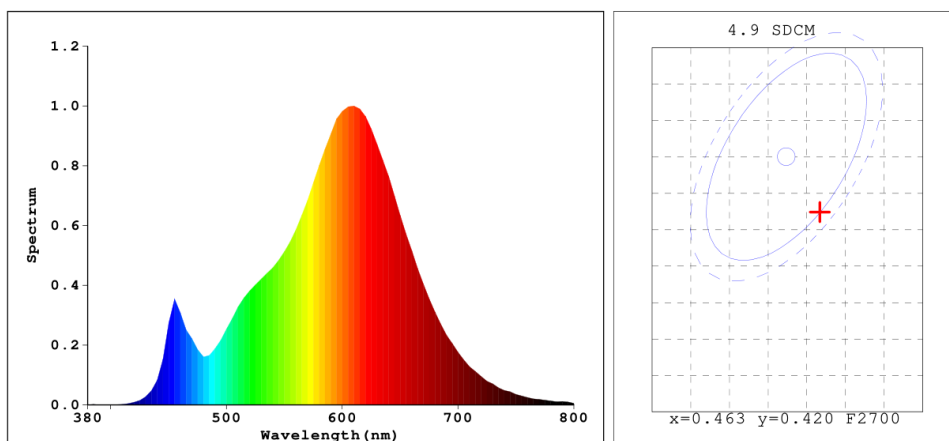
|                                                                                                                                                       |        |                         |                                                                                                                                                            |                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer                                                                         |        | 2                       | Energy efficiency class                                                                                                                                    | D                      |
| Useful luminous flux ( $\phi_{\text{use}}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) |        | 230 in Wide cone (120°) | 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 ( $P_{\text{on}}$ ), expressed in W                                                                                                     |        | 2,0                     | Standby power ( $P_{\text{sb}}$ ), expressed in W and rounded to the second decimal                                                                        | 0,00                   |
| Networked standby power ( $P_{\text{net}}$ ) 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                                                         | 80                     |
| Outer dimensions without separate control gear, light-                                                                                                | Height | 56                      | Spectral power distribution in the range 250 nm to 800 nm, at full-load                                                                                    | See image in last page |
|                                                                                                                                                       | Width  | 50                      |                                                                                                                                                            |                        |
|                                                                                                                                                       | Depth  | 50                      |                                                                                                                                                            |                        |

|                                                                                                                         |      |                                                                    |                |  |
|-------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------------------------------|----------------|--|
| ing control parts and non-lighting control parts, if any (millimetre)                                                   |      |                                                                    |                |  |
| Claim of equivalent power <sup>(a)</sup>                                                                                | Yes  | If yes, equivalent power (W)                                       | 35             |  |
|                                                                                                                         |      | Chromaticity coordinates (x and y)                                 | 0,463<br>0,420 |  |
| <b>Parameters for directional light sources:</b>                                                                        |      |                                                                    |                |  |
| Peak luminous intensity (cd)                                                                                            | 115  | Beam angle in degrees, or the range of beam angles that can be set | 120            |  |
| <b>Parameters for LED and OLED light sources:</b>                                                                       |      |                                                                    |                |  |
| R9 colour rendering index value                                                                                         | 8    | Survival factor                                                    | 0,90           |  |
| the lumen maintenance factor                                                                                            | 0,93 |                                                                    |                |  |
| <b>Parameters for LED and OLED mains light sources:</b>                                                                 |      |                                                                    |                |  |
| displacement factor (cos $\phi_1$ )                                                                                     | 1,00 | Colour consistency in McAdam ellipses                              | 6              |  |
| 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)                                                                                                 | 1,0  | Stroboscopic effect metric (SVM)                                   | 0,9            |  |

(a) '-': not applicable;

(b) '-': not applicable;

## Light Source Test Report



## Color Parameters:

Chromaticity Coordinate:  $x=0.4667$   $y=0.4139$ Chromaticity Coordinate:  $u'=0.2654$   $v'=0.5296$  ( $duv=6.59e-04$ )

Tc=2632K Dominant WL:Ld=584.3nm Purity=64.3% Centroid WL:599.0nm

Ratio:R=27.7% G=70.3% B=2.0% Peak WL:Lp=610.0nm HWL:113.4nm

Render Index:Ra=83.1

R1 =82 R2 =93 R3 =94 R4 =81 R5 =82 R6 =93 R7 =81

R8 =58 R9 =10 R10=84 R11=81 R12=76 R13=85 R14=98 R15=74

## Photo Parameters:

Flux: 261.06 lm Fe: 0.81341 W Efficacy:141.4 lm/W

## Electrical Parameters:

Luminaire: U=230.24V I=0.02085A P=1.846W PF=0.3846

## Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]

REF=5069 (R=3) %=-0.020%

Ip=3758 (G=3,D=49)

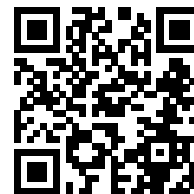
PMT: 28.7 centigrade [150.0]

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Product Type:10227765  
Number:2W-1  
Temperature:25 deg  
Test Operator:DAMIN  
Software:V3.00.138

Manufacturer:EVERFINE  
Test Department:  
Humidity:65%  
Test Date:2023-12-05  
Instrument:PMS-80\_V1 (SN:1009074)

Model placed on the Union market from 01/03/2024



**EPREL registration number:** 1883328

<https://eprel.ec.europa.eu/qr/1883328>

**Supplier:** Maxeda DIY Group B.V. (Manufacturer)

**Website:** <https://www.maxedadiygroup.com/>

**Customer care service:**

**Name:** Customer support

**Website:**

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