

# Product Information Sheet

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

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

**Supplier's address:** LEDVANCE GmbH, Parkring 1-5, 85748 Garching, DE

**Model identifier:** AC70559

## 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                                                                         | 4                        | Energy efficiency class                                                                                                                                    | E                                                                                                     |
| 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°) | 350 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 | 2 700                                                                                                 |
| On-mode power ( $P_{\text{on}}$ ), expressed in W                                                                                                     | 3,7                      | 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                                                         | 90                                                                                                    |
| Outer dimensions without separate control gear, lighting control                                                                                      | Height                   | 54                                                                                                                                                         | Spectral power distribution in the range 250 nm to 800 nm, at full-load<br><br>See image in last page |
|                                                                                                                                                       | Width                    | 50                                                                                                                                                         |                                                                                                       |
|                                                                                                                                                       | Depth                    | 50                                                                                                                                                         |                                                                                                       |

|                                                                                                                         |      |                                                                    |                |  |
|-------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------------------------------|----------------|--|
| parts and non-lighting control parts, if any (millimetre)                                                               |      |                                                                    |                |  |
| Claim of equivalent power <sup>(a)</sup>                                                                                | Yes  | If yes, equivalent power (W)                                       | 50             |  |
|                                                                                                                         |      | Chromaticity coordinates (x and y)                                 | 0,458<br>0,410 |  |
| <b>Parameters for directional light sources:</b>                                                                        |      |                                                                    |                |  |
| Peak luminous intensity (cd)                                                                                            | 640  | Beam angle in degrees, or the range of beam angles that can be set | 36             |  |
| <b>Parameters for LED and OLED light sources:</b>                                                                       |      |                                                                    |                |  |
| R9 colour rendering index value                                                                                         | 1    | 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                              | 5              |  |
| 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)                                   | 0,4            |  |

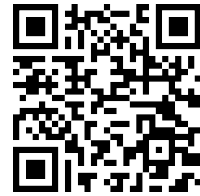
(a) '-': not applicable;

(b) '-': not applicable;



**EPREL registration number:** 2176398

Model placed on the Union market from 21/10/2024.



<https://eprel.ec.europa.eu/qr/2176398>

**Supplier:** LEDVANCE GmbH (Manufacturer)

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