# 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:** AC45738

**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 |

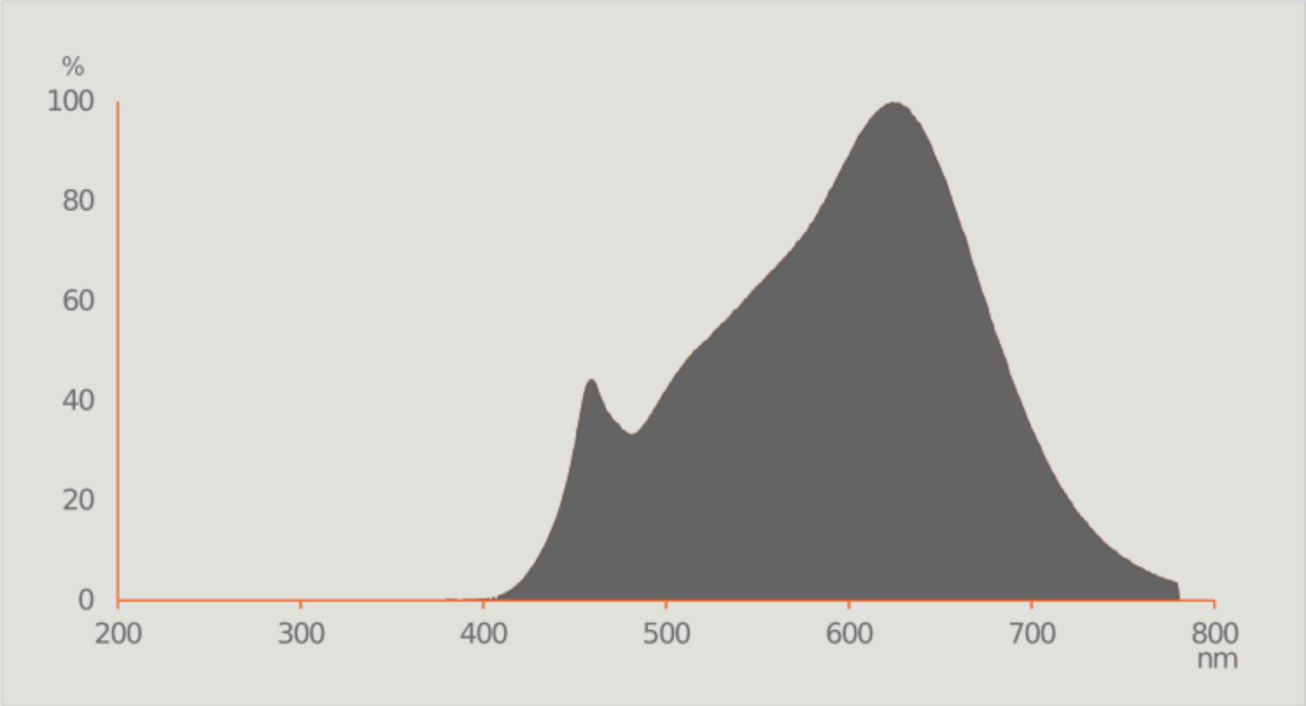
**Product parameters**

| Parameter | Value | Parameter | Value |
|---|---|---|---|
| **General product parameters:** | | | |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 9 | Energy efficiency class | G |
| Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º) | 575 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 | 3 000 |
| On-mode power ($P_{on}$), expressed in W | 8,3 | Standby power ($P_{sb}$), expressed in W and rounded to the second decimal | 0,00 |
| 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 | Height: 52<br>Width: 50 | Spectral power distribution in the | See image in last page |

| | | | | |
|---|---|---|---|---|
| separate control gear, lighting control parts and non-lighting control parts, if any (millimetre) | Depth | 50 | range 250 nm to 800 nm, at full-load | |
| Claim of equivalent power[a] | | Yes | If yes, equivalent power (W) | 80 |
| | | | Chromaticity coordinates (x and y) | 0,430<br>0,392 |
| **Parameters for directional light sources:** | | | | |
| Peak luminous intensity (cd) | | 560 | Beam angle in degrees, or the range of beam angles that can be set | 60 |
| **Parameters for LED and OLED light sources:** | | | | |
| R9 colour rendering index value | | 1 | Survival factor | 0,90 |
| the lumen maintenance factor | | 0,70 | | |
| **Parameters for LED and OLED mains light sources:** | | | | |
| displacement factor (cos ϕ1) | | 0,70 | 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;


%
100
80
60
40
20
0
200
300
400
500
600
700
800
nm

**EPREL registration number:** 1368271

Model placed on the Union market from 20/04/2023 to 06/09/2025.

https://eprel.ec.europa.eu/qr/1368271

**Supplier:** LEDVANCE GmbH (Manufacturer) **Website:** http://www.ledvance.com/

**Customer care service:**

**Name:** LEDVANCE GmbH **Website:** http://www.ledvance.com/

**Email:** contact@ledvance.com **Phone:** +49 89-780673-100

**Address:**
Parkring 1-5
85748 Garching
Germany