

# Product Information Sheet

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

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

**Supplier's address:** Radium Customer Service, Dr. Eugen Kersting Str. 6, 51688 Wipperfürth, DE

**Model identifier:** 4008597201561

## 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:                       | Only with specific dimmers |

## Product parameters

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

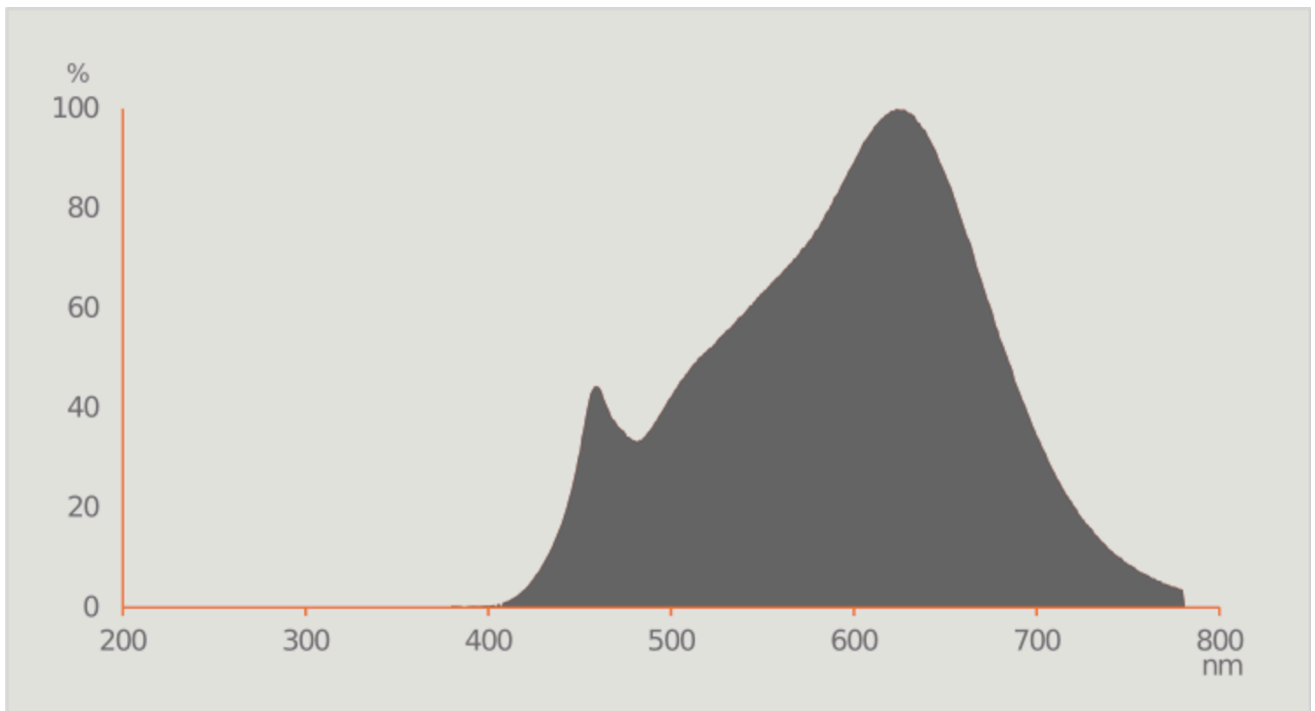
### General product parameters:

|  |                          |  |   |
|--|--------------------------|--|---|
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer  | 5                        | 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°) | 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 | 3 000   |
| On-mode power ( $P_{on}$ ), expressed in W   | 4,5                      | 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 separate control gear, light-   | Height                   | 54   | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
|  | Width                    | 51   |   |
|  | Depth                    | 51   |   |
|  |                          |  | See image in last page  |

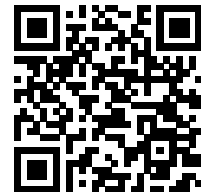
|   |                   |  |                |
|---|-------------------|--|----------------|
| ing control parts and non-lighting control parts, if any (millimetre)   |                   |  |                |
| Claim of equivalent power <sup>(a)</sup>  | -                 | If yes, equivalent power (W)                                       | -              |
|   |                   | Chromaticity coordinates (x and y)                                 | 0,430<br>0,392 |
| <b>Parameters for directional light sources:</b>  |                   |  |                |
| Peak luminous intensity (cd)  | 690               | 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   | 0                 | Survival factor  | 0,50           |
| the lumen maintenance factor  | 0,70              |  |                |
| <b>Parameters for LED and OLED mains light sources:</b>   |                   |  |                |
| displacement factor (cos $\phi_1$ )   | 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. | .. <sup>(b)</sup> | If yes then replacement claim (W)                                  | -              |
| Flicker metric (Pst LM)   | 1,0               | Stroboscopic effect metric (SVM)                                   | 0,4            |

(a)'.': not applicable;

(b)'.': not applicable;



Model placed on the Union market from 21/01/2022 to 27/02/2024



**EPREL registration number:** 541696

<https://eprel.ec.europa.eu/qr/541696>

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