

# 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:** 4008597201448

## 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                                                                  | 9                        | Energy efficiency class                                                                                                                                    | G                                                                       |
| 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°) | 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 | 4 000                                                                   |
| 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 separate control gear, light-                                                                                         | Height                   | 52                                                                                                                                                         | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
|                                                                                                                                                | Width                    | 50                                                                                                                                                         |                                                                         |
|                                                                                                                                                | Depth                    | 50                                                                                                                                                         |                                                                         |
|                                                                                                                                                |                          |                                                                                                                                                            | See image in last page                                                  |

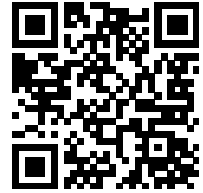
|                                                                                                                         |                   |                                                                    |                |
|-------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------|----------------|
| ing control parts and non-lighting control parts, if any (millimetre)                                                   |                   |                                                                    |                |
| Claim of equivalent power <sup>(a)</sup>                                                                                | Yes               | If yes, equivalent power (W)                                       | 80             |
|                                                                                                                         |                   | Chromaticity coordinates (x and y)                                 | 0,379<br>0,369 |
| <b>Parameters for directional light sources:</b>                                                                        |                   |                                                                    |                |
| Peak luminous intensity (cd)                                                                                            | 840               | 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                                                                                         | 40                | Survival factor                                                    | 0,90           |
| the lumen maintenance factor                                                                                            | 0,80              |                                                                    |                |
| <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)                                                                                                 | 0,2               | Stroboscopic effect metric (SVM)                                   | 0,4            |

(a)'.': not applicable;

(b)'.': not applicable;



Model placed on the Union market from 24/01/2022



**EPREL registration number:** 541687

<https://eprel.ec.europa.eu/qr/541687>

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