

# Product Information Sheet

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

**Supplier's name or trade mark:** LED line®

**Supplier's address:** Product Menager, Dębowa 1 07-410 Tobolice Mazowieckie Rzekuń Polska

**Model identifier:** 248337

**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                  |
|--|------------------------|--|------------------------|
| <b>General product parameters:</b>   |                        |  |                        |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer  | 1                      | 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°) | 60 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 | 4 000                  |
| On-mode power ( $P_{on}$ ), expressed in W   | 1,0                    | 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   | 80                     |
| Outer dimensions without   | Height                 | Spectral power distribution in the   | See image in last page |
|  | Width                  |  |                        |
|  | Depth                  |  |                        |

|   |      |  |                                      |  |
|---|------|--|--------------------------------------|--|
| separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)                       |      |  | range 250 nm to 800 nm, at full-load |  |
| Claim of equivalent power <sup>(a)</sup>  | -    | If yes, equivalent power (W)                                       | -                                    |  |
|   |      | Chromaticity coordinates (x and y)                                 | 0,380                                |  |
| <b>Parameters for directional light sources:</b>  |      |  |                                      |  |
| Peak luminous intensity (cd)  | 36   | 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   | 11   | Survival factor  | 0,90                                 |  |
| the lumen maintenance factor  | 0,96 |  |                                      |  |
| <b>Parameters for LED and OLED mains light sources:</b>   |      |  |                                      |  |
| displacement factor (cos $\phi_1$ )   | 0,18 | 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)                                   | 3,3                                  |  |

(a) - : not applicable;

(b) - : not applicable;

