

# Product Information Sheet

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

**Supplier's name or trade mark:** TESLA lighting

**Supplier's address:** Service\_dpt, Mladoboleslavská 1108, 19700 Prague 9, CZ

**Model identifier:** BL270227-A1

## Type of light source:

|   |     |                                 |      |
|---|-----|---------------------------------|------|
| Lighting technology used:                           | LED | Non-directional or directional: | NDLS |
| Light source cap-type (or other electric interface) | E27 |                                 |      |
| 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 |
|-----------|-------|-----------|-------|
|-----------|-------|-----------|-------|

### General product parameters:

|  |                      |  |   |
|--|----------------------|--|---|
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer  | 2                    | Energy efficiency class  | A   |
| 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°) | 420 in Sphere (360°) | 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 ( $P_{on}$ ), expressed in W   | 2,0                  | Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal   | -   |
| 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 separate control gear, lighting control   | Height               | 60   | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
|  | Width                | 60   |   |
|  | Depth                | 105  |   |
|  |                      |  | See image in last page  |

|   |      |                                       |                |
|---|------|---------------------------------------|----------------|
| parts and non-lighting control parts, if any (millimetre)   |      |                                       |                |
| Claim of equivalent power <sup>(a)</sup>  | Yes  | If yes, equivalent power (W)          | 37             |
|   |      | Chromaticity coordinates (x and y)    | 0,440<br>0,403 |
| <b>Parameters for LED and OLED light sources:</b>   |      |                                       |                |
| R9 colour rendering index value   | 2    | Survival factor                       | 0,90           |
| the lumen maintenance factor  | 0,95 |                                       |                |
| <b>Parameters for LED and OLED mains light sources:</b>   |      |                                       |                |
| displacement factor (cos $\phi$ 1)  | 0,72 | 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)   | 0,4  | Stroboscopic effect metric (SVM)      | -              |

(a)<sup>1)</sup> : not applicable;

(b)<sup>1)</sup> : not applicable;

Model placed on the Union market from 12/09/2023.



**EPREL registration number:** 1461296

<https://eprel.ec.europa.eu/qr/1461296>

**Supplier:** TESLA LIGHTING s.r.o. (Manufacturer)

**Website:** [www.tesla-lighting.cz](http://www.tesla-lighting.cz)

**Customer care service:**

**Name:** Service\_dpt

**Website:** [www.tesla-lighting.cz](http://www.tesla-lighting.cz)

**Email:** [servis@tesla-lighting.cz](mailto:servis@tesla-lighting.cz)

**Phone:** 00420775772717

**Address:**

Mladoboleslavská 1108  
19700 Prague 9  
Czech Republic