

# Product Information Sheet

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

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

**Supplier's address:** DEL-KO GmbH, Werner-von-Siemens Str. 6, 86159 Augsburg

**Model identifier:** S10-0313-059

## 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):   | Nein |
| Colour-tuneable light source:                       | Nein | Envelope:                       | -    |
| High luminance light source:                        | Nein |                                 |      |
| Anti-glare shield:                                  | Nein | 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  | 3                    | 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°) | 260 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 | 5 000                  |    |
| On-mode power ( $P_{on}$ ), expressed in W   | 3,0                  | 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                |  |                        | 50 |
|  | Depth                |  |                        | 57 |

|   |      |  |                                      |  |
|---|------|--|--------------------------------------|--|
| 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)                                 | 0,346<br>0,359                       |  |
| <b>Parameters for directional light sources:</b>  |      |  |                                      |  |
| Peak luminous intensity (cd)  | 110  | 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   | 9    | Survival factor  | 0,90                                 |  |
| the lumen maintenance factor  | 0,70 |  |                                      |  |
| <b>Parameters for LED and OLED mains light sources:</b>   |      |  |                                      |  |
| displacement factor (cos $\phi_1$ )   | 0,50 | 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)                                   | 0,4                                  |  |

(a) '-': not applicable;

(b) '-': not applicable;

