

# Product Information Sheet

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

**Supplier's name or trade mark:** IP44.de

**Supplier's address:** Verwaltung, Mühlenstraße 20, 33378 Rheda-Wiedenbrück, DE

**Model identifier:** in S symmetric

**Type of light source:**

|   |  |                                 |     |
|---|--|---------------------------------|-----|
| Lighting technology used:                           | LED  | Non-directional or directional: | DLS |
| Light source cap-type (or other electric interface) | Non-replaceable luminescence light sources |                                 |     |
| 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:                       | Yes |

## 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   | 8                        | Energy efficiency class  | F                      |
| Useful luminous flux ( $\phi_{\text{use}}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 580 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 ( $P_{\text{on}}$ ), expressed in W   | 8,0                      | Standby power ( $P_{\text{sb}}$ ), expressed in W and rounded to the second decimal  | 0,30                   |
| Networked standby power ( $P_{\text{net}}$ ) 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, light-  | Height                   | Spectral power distribution in the range 250 nm to 800 nm, at full-load  | See image in last page |
|   | Width                    |  |                        |
|   | Depth                    |  |                        |

|   |      |  |                |  |
|---|------|--|----------------|--|
| 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)                                 | 0,459<br>0,412 |  |
| <b>Parameters for directional light sources:</b>  |      |  |                |  |
| Peak luminous intensity (cd)  | 796  | Beam angle in degrees, or the range of beam angles that can be set | 44             |  |
| <b>Parameters for LED and OLED light sources:</b>   |      |  |                |  |
| R9 colour rendering index value   | 10   | Survival factor  | 0,10           |  |
| the lumen maintenance factor  | 0,99 |  |                |  |
| <b>Parameters for LED and OLED mains light sources:</b>   |      |  |                |  |
| displacement factor (cos $\phi_1$ )   | 0,97 | Colour consistency in McAdam ellipses                              | 2              |  |
| 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)   | 0,0  | Stroboscopic effect metric (SVM)                                   | 0,0            |  |

(a) '-': not applicable;

(b) '-': not applicable;

