

# Product Information Sheet

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

**Supplier's name or trade mark:** TRIO Leuchten GmbH

**Supplier's address:** Master data, Gut Nierhof 17, 59757 Arnsberg NRW, DE

**Model identifier:** 989-400

## Type of light source:

|   |     |                                 |      |
|---|-----|---------------------------------|------|
| Lighting technology used:                           | LED | Non-directional or directional: | NDLS |
| Light source cap-type (or other electric interface) | E14 |                                 |      |
| Mains or non-mains:                                 | MLS | Connected light source (CLS):   | Ei   |
| Colour-tuneable light source:                       | Ei  | Envelope:                       | -    |
| High luminance light source:                        | Ei  |                                 |      |
| Anti-glare shield:                                  | Ei  | 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  | 4                    | Energy efficiency class  | E  |
| 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°) | 470 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   | 4,0                  | 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   | Height               | 78   | Spectral power distribution in the<br>See image in last page |
|  | Width                | 45   |  |
|  | Depth                | 45   |  |

|   |       |                                       |                                      |  |
|---|-------|---------------------------------------|--------------------------------------|--|
| 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>  | Kyllä | If yes, equivalent power (W)          | 40                                   |  |
|   |       | Chromaticity coordinates (x and y)    | 0,460<br>0,420                       |  |
| <b>Parameters for LED and OLED light sources:</b>   |       |                                       |                                      |  |
| R9 colour rendering index value   | 12    | Survival factor                       | 0,90                                 |  |
| the lumen maintenance factor  | 0,93  |                                       |                                      |  |
| <b>Parameters for LED and OLED mains light sources:</b>   |       |                                       |                                      |  |
| displacement factor (cos $\phi_1$ )   | 0,90  | 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)      | 0,9                                  |  |

(a): : not applicable;

(b): : not applicable;

