# 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:**  989-4790

**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): | Non |
| Colour-tuneable light source: | Non | Envelope: | - |
| High luminance light source: | Non | | |
| Anti-glare shield: | Non | 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 | 4 | Energy efficiency class | F |
| Useful luminous flux ($\phi$use), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º) | 400 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 | 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 | 98 | Spectral power distribution in the | See image in last page |
| | Width | 35 | | |
| | Depth | 35 | | |

| | | | |
|---|---|---|---|
| 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[a] | Oui | If yes, equivalent power (W) | 35 |
| | | Chromaticity coordinates (x and y) | 0,460 0,420 |
| **Parameters for LED and OLED light sources:** | | | |
| R9 colour rendering index value | 4 | Survival factor | 0,90 |
| the lumen maintenance factor | 0,93 | | |
| **Parameters for LED and OLED mains light sources:** | | | |
| displacement factor (cos ϕ1) | 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;

相对光谱

1.0=10.360mW/nm



波 长(nm)