# Product information sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 on energy labelling of light sources

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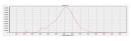
|---|---|
| **Supplier's name or trade mark:** | Paulmann Licht GmbH |
| **Supplier's address** | Quezinger Feld 2, DE-31832 Springe-Völksen |
| **Model identifier:** | 28705 |
| **Type of light source:** | LED |

| | | | |
|---|---|---|---|
| **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):** | no |
| **Colour-tuneable light source:** | no | **Envelope:** | no cover |
| **High luminance light source:** | no | | |
| **Anti-glare shield:** | no | **Dimmable:** | with certain dimmers |

Product parameters

| **Parameter** | Value | **Parameter** | Value |
|---|---|---|---|
| ***General product parameters:*** | | | |
| **Energy consumption in on-mode (kWh/1 000 h), rounded up to the nearest integer** | 5 | **Energy efficiency class:** | F |
| **Useful luminous flux (Φuse), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)** | 430 at 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:** | 2500 |
| **On-mode power (Pon), expressed in W** | 4,7 | **Standby power (Psb), expressed in W and rounded to the second decimal** | |
| **Networked standby power (Pnet) 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** | 82 |
| **Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)** — **Height** | 98 | **Spectral power distribution in the range 250 nm to 800 nm, at full-load** |  |
| **Width** | 35 | | |
| **Depth** | 35 | | |
| **Claim of equivalent power** | yes | **If yes, equivalent power (W)** | 37 W |
| | **Chromaticity coordinates (x and y)** | 0,49 | |
| | | 0,424 | |
| ***Parameters for directional light sources:*** | | | |
| **Peak luminous intensity (cd)** | | **Beam angle in degrees, or the range of beam angles that can be set** | |
| ***Parameters for LED and OLED light sources:*** | | | |
| **R9 colour rendering index value** | 4 | **Survival factor** | 0,9 |
| **The lumen maintenance factor** | 0,93 | | |
| ***Parameters for LED and OLED mains light sources:*** | | | |
| **Displacement factor (cos φ1)** | 0,9 | **Colour consistency in McAdam ellipses** | 6 |
| **Claims that an LED light source replaces a fluorescent light source without integrated ballast of a p articular wattage.** | no | **If yes, then replacement claim (W)** | |
| **Flicker metric (Pst LM)** | 0,3 | **Stroboscopic effect metric (SVM)** | 0,1 |