

# Product information sheet



|                                                                                                                                                   |                                    |                                                                                                                                                             |                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Supplier's name or trade mark:                                                                                                                    |                                    | Paulmann Licht GmbH                                                                                                                                         |                                                                                       |
| Supplier's address                                                                                                                                |                                    | Quezinger Feld 2, DE-31832 Springe-Völksen                                                                                                                  |                                                                                       |
| Model identifier:                                                                                                                                 |                                    | 28984                                                                                                                                                       |                                                                                       |
| Type of light source:                                                                                                                             |                                    | LED                                                                                                                                                         |                                                                                       |
| 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):                                                                                                                               | no                                                                                    |
| Colour-tuneable light source:                                                                                                                     | no                                 | Envelope:                                                                                                                                                   | no cover                                                                              |
| High luminance light source:                                                                                                                      | no                                 |                                                                                                                                                             |                                                                                       |
| Anti-glare shield:                                                                                                                                | no                                 | Dimmable:                                                                                                                                                   | mit bestimmten Dimmern                                                                |
| Product parameters                                                                                                                                |                                    |                                                                                                                                                             |                                                                                       |
| Parameter                                                                                                                                         | Value                              | Parameter                                                                                                                                                   | Value                                                                                 |
| General product parameters:                                                                                                                       |                                    |                                                                                                                                                             |                                                                                       |
| Energy consumption in on-mode (kWh/1 000 h), rounded up to the nearest integer                                                                    | 7                                  | Energy efficiency class:                                                                                                                                    | F                                                                                     |
| Useful luminous flux (Φ <sub>use</sub> ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 550 at 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: | 2700                                                                                  |
| On-mode power (P <sub>on</sub> ), expressed in W                                                                                                  | 7                                  | Standby power (P <sub>sb</sub> ), expressed in W and rounded to the second decimal                                                                          |                                                                                       |
| Networked standby power (P <sub>net</sub> ) 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, lighting control parts and non-lighting control parts, if any (millimetre)                        | Height                             | Spectral power distribution in the range 250 nm to 800 nm, at full-load                                                                                     |  |
|                                                                                                                                                   | Width                              |                                                                                                                                                             |                                                                                       |
|                                                                                                                                                   | Depth                              |                                                                                                                                                             |                                                                                       |
| Claim of equivalent power                                                                                                                         | yes                                | If yes, equivalent power (W)                                                                                                                                | 45 W                                                                                  |
|                                                                                                                                                   | Chromaticity coordinates (x and y) | 0,463                                                                                                                                                       |                                                                                       |
|                                                                                                                                                   |                                    | 0,42                                                                                                                                                        |                                                                                       |
| Parameters for directional light sources:                                                                                                         |                                    |                                                                                                                                                             |                                                                                       |
| Peak luminous intensity (cd)                                                                                                                      | 1000                               | Beam angle in degrees, or the range of beam angles that can be set                                                                                          | 36                                                                                    |
| Parameters for LED and OLED light sources:                                                                                                        |                                    |                                                                                                                                                             |                                                                                       |
| R9 colour rendering index value                                                                                                                   | 3                                  | Survival factor                                                                                                                                             | 100                                                                                   |
| The lumen maintenance factor                                                                                                                      | 94                                 |                                                                                                                                                             |                                                                                       |
| Parameters for LED and OLED mains light sources:                                                                                                  |                                    |                                                                                                                                                             |                                                                                       |
| Displacement factor (cos φ1)                                                                                                                      | 0,89                               | Colour consistency in McAdam ellipses                                                                                                                       | 6                                                                                     |
| Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.                           | no                                 | If yes, then replacement claim (W)                                                                                                                          |                                                                                       |
| Flicker metric (Pst LM)                                                                                                                           | 1                                  | Stroboscopic effect metric (SVM)                                                                                                                            | 0,4                                                                                   |