

# Product information sheet



|                                                                                                                                      |        |                                            |                                                                                                                                                             |  |
|--------------------------------------------------------------------------------------------------------------------------------------|--------|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Supplier's name or trade mark:                                                                                                       |        | Paulmann Licht GmbH                        |                                                                                                                                                             |  |
| Supplier's address                                                                                                                   |        | Quezinger Feld 2, DE-31832 Springe-Völksen |                                                                                                                                                             |  |
| Model identifier:                                                                                                                    |        | 29149                                      |                                                                                                                                                             |  |
| 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):              | yes                                                                                                                                                         |  |
| Colour-tuneable light source:                                                                                                        | yes    | Envelope:                                  | no cover                                                                                                                                                    |  |
| High luminance light source:                                                                                                         | no     |                                            |                                                                                                                                                             |  |
| Anti-glare shield:                                                                                                                   | no     | Dimmable:                                  | ja                                                                                                                                                          |  |
| 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°) |        | 350 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: |  |
|                                                                                                                                      |        |                                            | 2200 - 6500                                                                                                                                                 |  |
| On-mode power (Pon), expressed in W                                                                                                  |        | 4,8                                        | 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                                                          |  |
|                                                                                                                                      |        |                                            | 80                                                                                                                                                          |  |
| Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)           | Height | 55                                         | Spectral power distribution in the range 250 nm to 800 nm, at full-load                                                                                     |  |
|                                                                                                                                      | Width  | 50                                         |                                                                                                                                                             |  |
|                                                                                                                                      | Depth  | 50                                         |                                                                                                                                                             |  |
| Claim of equivalent power                                                                                                            |        | yes                                        | If yes, equivalent power (W)                                                                                                                                |  |
|                                                                                                                                      |        |                                            | 32 W                                                                                                                                                        |  |
|                                                                                                                                      |        | Chromaticity coordinates (x and y)         | 0,309                                                                                                                                                       |  |
|                                                                                                                                      |        |                                            | 0,322                                                                                                                                                       |  |
| Parameters for directional light sources:                                                                                            |        |                                            |                                                                                                                                                             |  |
| Peak luminous intensity (cd)                                                                                                         |        | 630                                        | Beam angle in degrees, or the range of beam angles that can be set                                                                                          |  |
|                                                                                                                                      |        |                                            | 38                                                                                                                                                          |  |
| Parameters for LED and OLED light sources:                                                                                           |        |                                            |                                                                                                                                                             |  |
| R9 colour rendering index value                                                                                                      |        | 5                                          | Survival factor                                                                                                                                             |  |
|                                                                                                                                      |        |                                            | 100                                                                                                                                                         |  |
| The lumen maintenance factor                                                                                                         |        | 94                                         |                                                                                                                                                             |  |
| Parameters for LED and OLED mains light sources:                                                                                     |        |                                            |                                                                                                                                                             |  |
| Displacement factor (cos φ1)                                                                                                         |        | 0,25                                       | 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                                                                                                                                                         |  |