

# Product information sheet



|                                                                                                                                                   |        |                                            |                                                                                                                                                             |                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Supplier's name or trade mark:                                                                                                                    |        | Paulmann Licht GmbH                        |                                                                                                                                                             |                                                                                       |
| Supplier's address                                                                                                                                |        | Quezinger Feld 2, DE-31832 Springe-Völksen |                                                                                                                                                             |                                                                                       |
| Model identifier:                                                                                                                                 |        | 28625                                      |                                                                                                                                                             |                                                                                       |
| Type of light source:                                                                                                                             |        | LED                                        |                                                                                                                                                             |                                                                                       |
|                                                                                                                                                   |        |                                            |                                                                                                                                                             |                                                                                       |
| Lighting technology used:                                                                                                                         | LED    | Non-directional or directional:            | NDLS                                                                                                                                                        |                                                                                       |
| Light source cap-type (or other electric interface)                                                                                               | E27    |                                            |                                                                                                                                                             |                                                                                       |
| 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                                                                    |        | 9                                          | Energy efficiency class:                                                                                                                                    | E                                                                                     |
| 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°) |        | 1055 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: | 2700                                                                                  |
| On-mode power (P <sub>on</sub> ), expressed in W                                                                                                  |        | 9                                          | 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                                                          | 82                                                                                    |
| Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)                        | Height | 138                                        | Spectral power distribution in the range 250 nm to 800 nm, at full-load                                                                                     |  |
|                                                                                                                                                   | Width  | 95                                         |                                                                                                                                                             |                                                                                       |
|                                                                                                                                                   | Depth  | 95                                         |                                                                                                                                                             |                                                                                       |
| Claim of equivalent power                                                                                                                         |        | yes                                        | If yes, equivalent power (W)                                                                                                                                | 75 W                                                                                  |
|                                                                                                                                                   |        | Chromaticity coordinates (x and y)         | 0,463                                                                                                                                                       |                                                                                       |
|                                                                                                                                                   |        |                                            | 0,421                                                                                                                                                       |                                                                                       |
| 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                                                                                                                   |        | 7                                          | Survival factor                                                                                                                                             | 100                                                                                   |
| The lumen maintenance factor                                                                                                                      |        | 75                                         |                                                                                                                                                             |                                                                                       |
| Parameters for LED and OLED mains light sources:                                                                                                  |        |                                            |                                                                                                                                                             |                                                                                       |
| Displacement factor (cos φ1)                                                                                                                      |        | 0,95                                       | 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)                                                                                                                           |        | 0,3                                        | Stroboscopic effect metric (SVM)                                                                                                                            | 0,1                                                                                   |