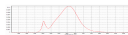


# Product information sheet



|                                                                                                                                                       |                                    |                                                                                                                                                             |                                                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Supplier's name or trade mark:                                                                                                                        |                                    | Paulmann Licht GmbH                                                                                                                                         |                                                                                                                                                                  |
| Supplier's address                                                                                                                                    |                                    | Quezinger Feld 2, DE-31832 Springe-Völksen                                                                                                                  |                                                                                                                                                                  |
| Model identifier:                                                                                                                                     |                                    | 28890                                                                                                                                                       |                                                                                                                                                                  |
| Type of light source:                                                                                                                                 |                                    | other than listed                                                                                                                                           |                                                                                                                                                                  |
| Lighting technology used:                                                                                                                             | other than listed                  | Non-directional or directional:                                                                                                                             | NDLS                                                                                                                                                             |
| Light source cap-type (or other electric interface)                                                                                                   | B15d                               |                                                                                                                                                             |                                                                                                                                                                  |
| 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                                                                                                                                                            |
| <b>General product parameters:</b>                                                                                                                    |                                    |                                                                                                                                                             |                                                                                                                                                                  |
| Energy consumption in on-mode (kWh/1 000 h), rounded up to the nearest integer                                                                        | 10                                 | Energy efficiency class:                                                                                                                                    | E                                                                                                                                                                |
| Useful luminous flux ( $\Phi_{\text{use}}$ ), 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 ( $P_{\text{on}}$ ), expressed in W                                                                                                     | 9,5                                | Standby power ( $P_{\text{sb}}$ ), expressed in W and rounded to the second decimal                                                                         | 0                                                                                                                                                                |
| Networked standby power ( $P_{\text{net}}$ ) for CLS, expressed in W and rounded to the second decimal                                                | 0,00                               | 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                             | 165                                                                                                                                                         | Spectral power distribution in the range 250 nm to 800 nm, at full-load<br> |
|                                                                                                                                                       | Width                              | 36                                                                                                                                                          |                                                                                                                                                                  |
|                                                                                                                                                       | Depth                              | 36                                                                                                                                                          |                                                                                                                                                                  |
| Claim of equivalent power                                                                                                                             | yes                                | If yes, equivalent power (W)                                                                                                                                | 75 W                                                                                                                                                             |
|                                                                                                                                                       | Chromaticity coordinates (x and y) | 0,46                                                                                                                                                        |                                                                                                                                                                  |
|                                                                                                                                                       |                                    | 0,42                                                                                                                                                        |                                                                                                                                                                  |
| <b>Parameters for directional light sources:</b>                                                                                                      |                                    |                                                                                                                                                             |                                                                                                                                                                  |
| Peak luminous intensity (cd)                                                                                                                          |                                    | Beam angle in degrees, or the range of beam angles that can be set                                                                                          |                                                                                                                                                                  |
| <b>Parameters for LED and OLED light sources:</b>                                                                                                     |                                    |                                                                                                                                                             |                                                                                                                                                                  |
| R9 colour rendering index value                                                                                                                       | 2                                  | Survival factor                                                                                                                                             | 100                                                                                                                                                              |
| The lumen maintenance factor                                                                                                                          | 95                                 |                                                                                                                                                             |                                                                                                                                                                  |
| <b>Parameters for LED and OLED mains light sources:</b>                                                                                               |                                    |                                                                                                                                                             |                                                                                                                                                                  |
| Displacement factor ( $\cos \phi_1$ )                                                                                                                 | 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 ( $P_{\text{st LM}}$ )                                                                                                                 | 0,78                               | Stroboscopic effect metric (SVM)                                                                                                                            | 0,25                                                                                                                                                             |