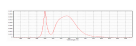


# Product information sheet



|  |                                    |   |  |
|--|------------------------------------|---|--|
| Supplier's name or trade mark:   |                                    | Paulmann Licht GmbH   |  |
| Supplier's address   |                                    | Quezinger Feld 2, DE-31832 Springe-Völksen  |  |
| Model identifier:  |                                    | 28903   |  |
| Type of light source:  |                                    | LED   |  |
| Lighting technology used:  | LED                                | Non-directional or directional:   | NDLS   |
| Light source cap-type (or other electric interface)  | G13                                |   |  |
| 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:   | nein   |
| 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   | 18                                 | Energy efficiency class:  | F  |
| Useful luminous flux ( $\Phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 1.800 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: | 4.000  |
| On-mode power ( $P_{on}$ ), expressed in W   | 18                                 | Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal  |  |
| Networked standby power ( $P_{net}$ ) 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  | 84   |
| Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)                     | Height                             | 1.214   | Spectral power distribution in the range 250 nm to 800 nm, at full-load<br> |
|  | Width                              | 28  |  |
|  | Depth                              | 28  |  |
| Claim of equivalent power  | yes                                | If yes, equivalent power (W)  | 115 W  |
|  | Chromaticity coordinates (x and y) | 0,386   |  |
|  |                                    | 0,378   |  |
| <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  | 11                                 | Survival factor   | 100  |
| The lumen maintenance factor   | 75                                 |   |  |
| <b>Parameters for LED and OLED mains light sources:</b>  |                                    |   |  |
| Displacement factor ( $\cos \phi_1$ )  | 0,96                               | Colour consistency in McAdam ellipses   | SDCM 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)  | 0,1                                | Stroboscopic effect metric (SVM)  | 0,6  |