

# Product information sheet



|  |        |  |   |
|--|--------|--|---|
| Supplier's name or trade mark:   |        | Paulmann Licht GmbH                        |   |
| Supplier's address   |        | Quezinger Feld 2, DE-31832 Springe-Völksen |   |
| Model identifier:  |        | 28809                                      |   |
| Type of light source:  |        | LED  |   |
| Lighting technology used:  | LED    | Non-directional or directional:            | NDLS  |
| Light source cap-type (or other electric interface)  | G9     |  |   |
| 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                                      |   |
| General product parameters:  |        |  |   |
| Energy consumption in on-mode (kWh/1 000 h), rounded up to the nearest integer   |        | 3  | 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°) |        | 250 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: |
|  |        |  | 2.700   |
| On-mode power (Pon), expressed in W  |        | 2,5  | 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  |
|  |        |  | 82  |
| Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)           | Height | 66   | Spectral power distribution in the range 250 nm to 800 nm, at full-load   |
|  | Width  | 18   |   |
|  | Depth  | 18   |   |
| Claim of equivalent power  |        | yes  | If yes, equivalent power (W)  |
|  |        |  | 25 W  |
|  |        | Chromaticity coordinates (x and y)         | 0,455   |
|  |        |  | 0,417   |
| 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  |        | 2  | Survival factor   |
|  |        |  | 100   |
| The lumen maintenance factor   |        | 75   |   |
|  |        |  |   |
| Parameters for LED and OLED mains light sources:   |        |  |   |
| Displacement factor (cos ϕ1)   |        | 0,5  | 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  | Stroboscopic effect metric (SVM)  |
|  |        |  | 0   |