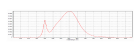


Product information sheet



| | | | |
|--|------------------------------------|---|--|
| Supplier's name or trade mark: | | Paulmann Licht GmbH | |
| Supplier's address | | Quezinger Feld 2, DE-31832 Springe-Völksen | |
| Model identifier: | | 29111 | |
| Type of light source: | | LED | |
| Lighting technology used: | LED | Non-directional or directional: | NDLS |
| Light source cap-type (or other electric interface) | G5 | | |
| 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 | 20 | Energy efficiency class: | F |
| Useful luminous flux (Φ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 2250 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: | 3000 |
| On-mode power (P_{on}), expressed in W | 20 | 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 | 80 |
| Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre) | Height | 1163 | 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) | 139 W |
| | Chromaticity coordinates (x and y) | 0,441 | |
| | | 0,404 | |
| 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 | 6 | Survival factor | 95 |
| The lumen maintenance factor | 98 | | |
| Parameters for LED and OLED mains light sources: | | | |
| Displacement factor ($\cos \phi_1$) | 0,95 | 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) | 0,4 |