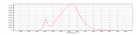


# Product information sheet



|  |   |  |   |
|--|---|--|---|
| <b>Supplier's name or trade mark:</b>  |   | Paulmann Licht GmbH  |   |
| <b>Supplier's address</b>  |   | Quezinger Feld 2, DE-31832 Springe-Völksen   |   |
| <b>Model identifier:</b>   |   | 28678  |   |
| <b>Type of light source:</b>   |   | LED  |   |
| <b>Lighting technology used:</b>   | LED                                       | <b>Non-directional or directional:</b>   | NDLS  |
| <b>Light source cap-type (or other electric interface)</b>   | E27                                       |  |   |
| <b>Mains or non-mains:</b>   | MLS                                       | <b>Connected light source (CLS):</b>   | no  |
| <b>Colour-tuneable light source:</b>   | no  | <b>Envelope:</b>   | no cover  |
| <b>High luminance light source:</b>  | no  |  |   |
| <b>Anti-glare shield:</b>  | no  | <b>Dimmable:</b>   | mit bestimmten Dimmern  |
| Product parameters   |   |  |   |
| <b>Parameter</b>   | Value                                     | <b>Parameter</b>   | Value   |
| <b>General product parameters:</b>   |   |  |   |
| <b>Energy consumption in on-mode (kWh/1 000 h), rounded up to the nearest integer</b>  | 7   | <b>Energy efficiency class:</b>  | F   |
| <b>Useful luminous flux (<math>\Phi_{use}</math>), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)</b> | 600 at 360 °                              | <b>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:</b> | 2700  |
| <b>On-mode power (<math>P_{on}</math>), expressed in W</b>   | 6,5                                       | <b>Standby power (<math>P_{sb}</math>), expressed in W and rounded to the second decimal</b>   |   |
| <b>Networked standby power (<math>P_{net}</math>) for CLS, expressed in W and rounded to the second decimal</b>  |   | <b>Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set</b>  | 82  |
| <b>Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)</b>                              | <b>Height</b>                             | 174  | <b>Spectral power distribution in the range 250 nm to 800 nm, at full-load</b><br> |
|  | <b>Width</b>                              | 125  |   |
|  | <b>Depth</b>                              | 125  |   |
| <b>Claim of equivalent power</b>   | yes                                       | <b>If yes, equivalent power (W)</b>  | 48 W  |
|  | <b>Chromaticity coordinates (x and y)</b> | 0,469  |   |
|  |   | 0,421  |   |
| <b>Parameters for directional light sources:</b>   |   |  |   |
| <b>Peak luminous intensity (cd)</b>  |   | <b>Beam angle in degrees, or the range of beam angles that can be set</b>  |   |
| <b>Parameters for LED and OLED light sources:</b>  |   |  |   |
| <b>R9 colour rendering index value</b>   | 16  | <b>Survival factor</b>   | 100   |
| <b>The lumen maintenance factor</b>  | 75  |  |   |
| <b>Parameters for LED and OLED mains light sources:</b>  |   |  |   |
| <b>Displacement factor (<math>\cos \phi_1</math>)</b>  | 0,9                                       | <b>Colour consistency in McAdam ellipses</b>   | SDCM 6  |
| <b>Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.</b>                                 | no  | <b>If yes, then replacement claim (W)</b>  |   |
| <b>Flicker metric (<math>P_{st} LM</math>)</b>   | 0,3                                       | <b>Stroboscopic effect metric (SVM)</b>  | 0,1   |