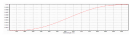


# Product information sheet



|  |   |  |   |
|--|---|--|---|
| <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>   |   | 84399  |   |
| <b>Type of light source:</b>   |   | HL   |   |
| <b>Lighting technology used:</b>   | HL  | <b>Non-directional or directional:</b>   | NDLS  |
| <b>Light source cap-type (or other electric interface)</b>   | G4  |  |   |
| <b>Mains or non-mains:</b>   | NMLS                                      | <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>  | 20  | <b>Energy efficiency class:</b>  | G   |
| <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> | 320 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 (Pon), expressed in W</b>   | 20  | <b>Standby power (Psb), expressed in W and rounded to the second decimal</b>   |   |
| <b>Networked standby power (Pnet) 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>  | 100   |
| <b>Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)</b>                              | <b>Height</b>                             | 33   | <b>Spectral power distribution in the range 250 nm to 800 nm, at full-load</b><br> |
|  | <b>Width</b>                              | 9  |   |
|  | <b>Depth</b>                              | 9  |   |
| <b>Claim of equivalent power</b>   | no  | <b>If yes, equivalent power (W)</b>  |   |
|  | <b>Chromaticity coordinates (x and y)</b> | 0,443  |   |
|  |   | 0,406  |   |
| <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>   | 100                                       | <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 (cos <math>\phi</math>1)</b>  | 1   | <b>Colour consistency in McAdam ellipses</b>   |   |
| <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 (Pst LM)</b>   | 0,5                                       | <b>Stroboscopic effect metric (SVM)</b>  | 0,2   |