

# Product information sheet



|                                                                                                                                      |                                    |                                                                                                                                                             |                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Supplier's name or trade mark:                                                                                                       |                                    | Paulmann Licht GmbH                                                                                                                                         |                                                                                       |
| Supplier's address                                                                                                                   |                                    | Quezinger Feld 2, DE-31832 Springe-Völksen                                                                                                                  |                                                                                       |
| Model identifier:                                                                                                                    |                                    | 92451                                                                                                                                                       |                                                                                       |
| Type of light source:                                                                                                                |                                    | LED                                                                                                                                                         |                                                                                       |
| Lighting technology used:                                                                                                            | LED                                | Non-directional or directional:                                                                                                                             | NDLS                                                                                  |
| Light source cap-type (or other electric interface)                                                                                  | Coin                               |                                                                                                                                                             |                                                                                       |
| Mains or non-mains:                                                                                                                  | MLS                                | Connected light source (CLS):                                                                                                                               | no                                                                                    |
| Colour-tuneable light source:                                                                                                        | no                                 | Envelope:                                                                                                                                                   | matte cover                                                                           |
| High luminance light source:                                                                                                         | no                                 |                                                                                                                                                             |                                                                                       |
| Anti-glare shield:                                                                                                                   | no                                 | Dimmable:                                                                                                                                                   | ja                                                                                    |
| Product parameters                                                                                                                   |                                    |                                                                                                                                                             |                                                                                       |
| Parameter                                                                                                                            | Value                              | Parameter                                                                                                                                                   | Value                                                                                 |
| General product parameters:                                                                                                          |                                    |                                                                                                                                                             |                                                                                       |
| Energy consumption in on-mode (kWh/1 000 h), rounded up to the nearest integer                                                       | 6                                  | 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°) | 530 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: | 2200 - 6500                                                                           |
| On-mode power (Pon), expressed in W                                                                                                  | 6                                  | 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                                                          | 80                                                                                    |
| Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)           | Height                             | Spectral power distribution in the range 250 nm to 800 nm, at full-load                                                                                     |  |
|                                                                                                                                      | Width                              |                                                                                                                                                             |                                                                                       |
|                                                                                                                                      | Depth                              |                                                                                                                                                             |                                                                                       |
| Claim of equivalent power                                                                                                            | yes                                | If yes, equivalent power (W)                                                                                                                                | 44 W                                                                                  |
|                                                                                                                                      | Chromaticity coordinates (x and y) | 0,313                                                                                                                                                       |                                                                                       |
|                                                                                                                                      |                                    | 0,337                                                                                                                                                       |                                                                                       |
| 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                                                                                                      | 10                                 | Survival factor                                                                                                                                             | 0,9                                                                                   |
| The lumen maintenance factor                                                                                                         | 94                                 |                                                                                                                                                             |                                                                                       |
| Parameters for LED and OLED mains light sources:                                                                                     |                                    |                                                                                                                                                             |                                                                                       |
| Displacement factor (cos φ1)                                                                                                         | 0,9                                | Colour consistency in McAdam ellipses                                                                                                                       | 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)                                                                                                              | 0,2                                | Stroboscopic effect metric (SVM)                                                                                                                            | 0,4                                                                                   |