

# Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

**Supplier's name or trade mark:** Voltolux

**Supplier's address:** Quality Management / Qualitätsmanagement, BAHAG AG Service Center  
Deutschland Gutenbergstr. 21 68167 Mannheim

**Model identifier:** 24596633

## Type of light source:

|                                                        |     |                                 |      |
|--------------------------------------------------------|-----|---------------------------------|------|
| Lighting technology used:                              | LED | Non-directional or directional: | NDLS |
| Light source cap-type<br>(or other electric interface) | E27 |                                 |      |
| Mains or non-mains:                                    | MLS | Connected light source (CLS):   | No   |
| Colour-tuneable light source:                          | No  | Envelope:                       | -    |
| High luminance light source:                           | No  |                                 |      |
| Anti-glare shield:                                     | No  | Dimmable:                       | No   |

## Product parameters

| Parameter | Value | Parameter | Value |
|-----------|-------|-----------|-------|
|-----------|-------|-----------|-------|

### General product parameters:

|                                                                                                                                                       |                      |                                                                                                                                                            |                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer                                                                         | 9                    | Energy efficiency class                                                                                                                                    | F                      |
| Useful luminous flux ( $\phi_{\text{use}}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 806 in Sphere (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 ( $P_{\text{on}}$ ), expressed in W                                                                                                     | 8,5                  | Standby power ( $P_{\text{sb}}$ ), expressed in W and rounded to the second decimal                                                                        | 0,00                   |
| Networked standby power ( $P_{\text{net}}$ ) 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                                                         | 81                     |
| Outer dimensions                                                                                                                                      | Height               | Spectral power distribution in the                                                                                                                         | See image in last page |
|                                                                                                                                                       | Width                |                                                                                                                                                            |                        |

|                                                                                                                         |       |      |                                       |                |
|-------------------------------------------------------------------------------------------------------------------------|-------|------|---------------------------------------|----------------|
| without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)               | Depth | 60   | range 250 nm to 800 nm, at full-load  |                |
| Claim of equivalent power <sup>(a)</sup>                                                                                |       | -    | If yes, equivalent power (W)          | -              |
|                                                                                                                         |       |      | Chromaticity coordinates (x and y)    | 0,458<br>0,410 |
| <b>Parameters for LED and OLED light sources:</b>                                                                       |       |      |                                       |                |
| R9 colour rendering index value                                                                                         |       | 4    | Survival factor                       | 0,01           |
| the lumen maintenance factor                                                                                            |       | 0,95 |                                       |                |
| <b>Parameters for LED and OLED mains light sources:</b>                                                                 |       |      |                                       |                |
| displacement factor (cos $\phi_1$ )                                                                                     |       | 0,99 | Colour consistency in McAdam ellipses | 1              |
| Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage. |       | -(b) | If yes then replacement claim (W)     | -              |
| Flicker metric (Pst LM)                                                                                                 |       | 0,0  | Stroboscopic effect metric (SVM)      | 0,0            |

(a) '-': not applicable;

(b) '-': not applicable;

