

# Product Information Sheet

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

**Supplier's name or trade mark:** ELS-LICHT

**Supplier's address:** BRESART GmbH & Co. KG, Rosengasse 1A, 92318 Neumarkt i.d.OPf., DE

**Model identifier:** ELS36681

**Type of light source:**

|                                                     |                       |                                 |      |
|-----------------------------------------------------|-----------------------|---------------------------------|------|
| Lighting technology used:                           | LED                   | Non-directional or directional: | DLS  |
| Light source cap-type (or other electric interface) | built-in light source |                                 |      |
| Mains or non-mains:                                 | NMLS                  | Connected light source (CLS):   | Nein |
| Colour-tuneable light source:                       | Nein                  | Envelope:                       | -    |
| High luminance light source:                        | Nein                  |                                 |      |
| Anti-glare shield:                                  | Nein                  | Dimmable:                       | Yes  |

## Product parameters

| Parameter                                                                                                                                             | Value                    | Parameter                                                                                                                                                  | Value                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| <b>General product parameters:</b>                                                                                                                    |                          |                                                                                                                                                            |                        |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer                                                                         | 12                       | 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°) | 960 in Narrow cone (90°) | 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 | 3 000                  |
| On-mode power ( $P_{\text{on}}$ ), expressed in W                                                                                                     | 12,0                     | 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                                                         | 90                     |
| Outer dimensions without                                                                                                                              | Height                   | Spectral power distribution in the                                                                                                                         | See image in last page |
|                                                                                                                                                       | Width                    |                                                                                                                                                            |                        |
|                                                                                                                                                       | Depth                    |                                                                                                                                                            |                        |

|                                                                                                   |        |  |                                                                    |                |
|---------------------------------------------------------------------------------------------------|--------|--|--------------------------------------------------------------------|----------------|
| separate control gear, lighting control parts and non-lighting control parts, if any (millimetre) |        |  | 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)                                 | 0,429<br>0,398 |
| <b>Parameters for directional light sources:</b>                                                  |        |  |                                                                    |                |
| Peak luminous intensity (cd)                                                                      | 14 114 |  | Beam angle in degrees, or the range of beam angles that can be set | 10...50        |
| <b>Parameters for LED and OLED light sources:</b>                                                 |        |  |                                                                    |                |
| R9 colour rendering index value                                                                   | 64     |  | Survival factor                                                    | 1,00           |
| the lumen maintenance factor                                                                      | 0,85   |  |                                                                    |                |

(a) : not applicable;

(b) : not applicable;

