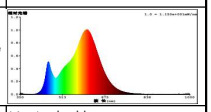
| Product information sheet | | | | |
|---|---|---|---|---|
| **Supplier's name or trade mark:** | WÜRTH | | | |
| **Supplier's address (a):** | **Würth International AG<br>Aspermontstrasse 1<br>CH-7000 Chur** | | | |
| **Model identifier:** | **Art. 0976 400 201** | | | |
| **Type of light source:** | **LED** | | | |
| Lighting tech[no]logy used: | | [LED] | [no]n-directional or directional: | [DLS] |
| Mains or [no]n-mains: | | [MLS] | Connected light source (CLS): | [no] |
| Colour-tuneable light source: | | [no] | Envelope: | [no] |
| 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/1 000 h) | | 6.5 kWh/1 000 h | Energy efficiency class | [F] |
| Useful lumi[no]us flux (Φuse), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | | 500lm [in a 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 se | [3000K] |
| On-mode power (Pon), expressed in W | | 6.5W | Standby power (Psb), expressed in W and rounded to the second decimal | Not Applicable |
| Networked standby power (Pnet) for CLS, expressed in W and rounded to the second decimal | | Not Applicable | 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 [no]n-lighting control parts, if any (millimetre) | Height | 43 | Spectral power distribution in the range 250 nm to 800 nm, at full-load |  |
| | Width | 90 | | |
| | Depth | 90 | | |
| Claim of equivalent power (c) | | Not Applicable | If yes, equivalent power (W) | Not Applicable |
| | | | Chromaticity coordinates (x and y) | 0.44 |
| | | | | 0.403 |
| **Parameters for directional light sources:** | | | | |
| Peak lumi[no]us intensity (cd) | | 465 | Beam angle in degrees, or the range of beam angles that can be set | 60 |
| **Parameters for LED and OLED light sources:** | | | | |
| R9 colour rendering index value | | >0 | Survival factor | ≧0.9 |
| the lumen maintenance factor | | ≧93% | | |
| **Parameters for LED and OLED mains light sources:** | | | | |
| displacement factor (cos φ1) | | ≧0.5 | Colour consistency in McAdam ellipses | ≤6 |
| Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage. | | Not Applicable | If yes then replacement claim (W) | Not Applicable |
| Flicker metric (Pst LM) | | ≤1 | Stroboscopic effect metric | ≤0.9 |

(a)

changes to these items shall [no]t be considered relevant for the purposes of point 4 of Article 4 of Regulation (EU) 2017/1369.

(b)

if the product database automatically generates the definitive content of this cell the supplier shall [no]t enter these data.

(c)

'-': [no]t applicable;

'yes': An equivalence claim involving the power of a replaced light source type may be given only:

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for directional light sources, if the light source type is listed in Table 4 and if the lumi[no]us flux of the light source in a 90 ° cone (Φ90°) is [no]t lower than the corresponding reference lumi[no]us flux in Table 4. The reference lumi[no]us flux shall be multiplied by the correction factor in Table 5. For LED light sources, it shall be in addition multiplied by the correction factor in Table 6;

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for [no]n-directional light sources, the claimed equivalent incandescent light source power (rounded to 1 W) shall be that corresponding in Table 7 to the lumi[no]us flux of the light source.

The intermediate values of both the lumi[no]us flux and the claimed equivalent light source power (rounded to the nearest 1 W) shall be calculated by linear interpolation between the two adjacent values.

(d)

'-': [no]t applicable;

'yes': Claim that a LED light source replaces a fluorescent light source without integrated ballast of a particular wattage. This claim may be made only if:

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the lumi[no]us intensity in any direction around the tube axis does [no]t deviate by more than 25 % from the average lumi[no]us intensity around the tube; and

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the lumi[no]us flux of the LED light source is [no]t lower than the lumi[no]us flux of the fluorescent light source of the claimed wattage. The lumi[no]us flux of the fluorescent light source shall be obtained by multiplying the claimed wattage with the minimum lumi[no]us efficacy value corresponding to the fluorescent light source in Table 8; and

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the wattage of the LED light source is [no]t higher than the wattage of the fluorescent light source it is claimed to replace.

The technical documentation file shall provide the data to support such claims.