

Product Information Sheet

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

Supplier's name or trade mark: OPAL

Supplier's address: Onninen Oy, Mittalinja 1, 01260 Vantaa, FI

Model identifier: CLX427

Type of light source:

| | | | |
|---|---------------------|---------------------------------|-----|
| Lighting technology used: | LED | Non-directional or directional: | DLS |
| Light source cap-type (or other electric interface) | 220-240v~AC 50Hz | | |
| Mains or non-mains: | MLS | Connected light source (CLS): | No |
| Colour-tuneable light source: | No | Envelope: | - |
| High luminance light source: | Yes | | |
| 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 | 50 | Energy efficiency class | F | |
| Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 4 250 in Wide cone (120°) | 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 | 4 000 | |
| On-mode power (P_{on}), expressed in W | 50,0 | Standby power (P_{sb}), expressed in W and rounded to the second decimal | 0,29 | |
| Networked standby power (P_{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 without | Height | Spectral power distribution in the | See image in last page | |
| | Width | | | 215 |
| | Depth | | | 185 |
| | | | 67 | |

| | | | | |
|---|--------------------|--|--------------------------------------|--|
| 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 ^(a) | Yes | If yes, equivalent power (W) | 50 | |
| | | Chromaticity coordinates (x and y) | 0,380 0,380 | |
| Parameters for directional light sources: | | | | |
| Peak luminous intensity (cd) | 1 805 | Beam angle in degrees, or the range of beam angles that can be set | 100 | |
| Parameters for LED and OLED light sources: | | | | |
| R9 colour rendering index value | 1 | Survival factor | 1,00 | |
| the lumen maintenance factor | 0,96 | | | |
| Parameters for LED and OLED mains light sources: | | | | |
| displacement factor (cos ϕ 1) | 0,99 | Colour consistency in McAdam ellipses | 5 | |
| Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage. | Yes ^(b) | If yes then replacement claim (W) | 99 | |
| Flicker metric (Pst LM) | 0,4 | Stroboscopic effect metric (SVM) | 0,0 | |

(a) : not applicable;

(b) : not applicable;

