

Product Information Sheet

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

Supplier's name or trade mark: Rábalux

Supplier's address: Magyarország - Rábalux Világítástechnika Zrt., Körtefa 5., 9027 Győr, HU

Model identifier: 5590

Type of light source:

| | | | |
|---|------|---------------------------------|------|
| Lighting technology used: | LED | Non-directional or directional: | DLS |
| Light source cap-type (or other electric interface) | LED | | |
| Mains or non-mains: | MLS | Connected light source (CLS): | Igen |
| Colour-tuneable light source: | Nem | Envelope: | - |
| High luminance light source: | Nem | | |
| Anti-glare shield: | Igen | 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 | 3 | Energy efficiency class | G | |
| 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°) | 170 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 | 3 000 | |
| On-mode power (P_{on}), expressed in W | 3,0 | Standby power (P_{sb}), expressed in W and rounded to the second decimal | 0,00 | |
| Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal | 0,00 | 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 | | | 9 |
| | Depth | | | 85 |

| | | | | |
|---|--|---------------------------------|--|----------------|
| 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) | | I _{gen} | If yes, equivalent power (W) | 18 |
| | | | Chromaticity coordinates (x and y) | 0,441 0,404 |
| Parameters for directional light sources: | | | | |
| Peak luminous intensity (cd) | | 89 | 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 | | 3 | Survival factor | 0,90 |
| the lumen maintenance factor | | 0,80 | | |
| Parameters for LED and OLED mains light sources: | | | | |
| displacement factor (cos φ1) | | 0,89 | Colour consistency in McAdam ellipses | 6 |
| Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage. | | I _{gen} ^(b) | If yes then replacement claim (W) | 5 |
| Flicker metric (Pst LM) | | 0,7 | Stroboscopic effect metric (SVM) | 3,0 |

(a) : not applicable;

(b) : not applicable;

