

Product Information Sheet

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

Supplier's name or trade mark: Chihiros Aquatic Studio

Supplier's address: Nicole Wang, Einsteinstr.2, Neuss, 41464 Neuss Neuss, DE

Model identifier: WRGB120II

Type of light source:

| | | | |
|---|-----------------------------|---------------------------------|-----|
| Lighting technology used: | LED | Non-directional or directional: | DLS |
| Light source cap-type (or other electric interface) | External adapter connection | | |
| 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: | Yes |

Product parameters

| Parameter | Value | Parameter | Value | |
|--|----------------------------|--|------------------------|-------|
| General product parameters: | | | | |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 130 | 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°) | 10 000 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 | 15 000 | |
| On-mode power (P_{on}), expressed in W | 130,0 | Standby power (P_{sb}), expressed in W and rounded to the second decimal | 0,20 | |
| 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 | 86 | |
| Outer dimensions without | Height | Spectral power distribution in the | See image in last page | |
| | Width | | | 1 200 |
| | Depth | | | 140 |

| | | | | |
|---|------|--|--|-------|
| 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) | - | | If yes, equivalent power (W) | - |
| | | | Chromaticity coordinates (x and y) | 0,283 |
| Parameters for directional light sources: | | | | |
| Peak luminous intensity (cd) | 389 | | Beam angle in degrees, or the range of beam angles that can be set | 133 |
| Parameters for LED and OLED light sources: | | | | |
| R9 colour rendering index value | 100 | | Survival factor | 1,00 |
| the lumen maintenance factor | 0,96 | | | |
| Parameters for LED and OLED mains light sources: | | | | |
| displacement factor (cos ϕ_1) | 0,96 | | Colour consistency in McAdam ellipses | 0 |
| 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;

