# Product Information Sheet

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

**Supplier's name or trade mark:** GRIMMEISEN LICHT GmbH

**Supplier's address:** Produktmanagement, Burgfrieden 1, 83512 Wasserburg a. Inn Rosenheim, DE

**Model identifier:** ONYXX CIRCULAR Modul 4.000K

**Type of light source:**

| | | | |
|---|---|---|---|
| Lighting technology used: | LED | Non-directional or directional: | NDLS |
| Light source cap-type (or other electric interface) | LED integriert | | |
| Mains or non-mains: | NMLS | Connected light source (CLS): | Yes |
| Colour-tuneable light source: | No | Envelope: | - |
| High luminance light source: | No | | |
| Anti-glare shield: | No | Dimmable: | Only with specific dimmers |

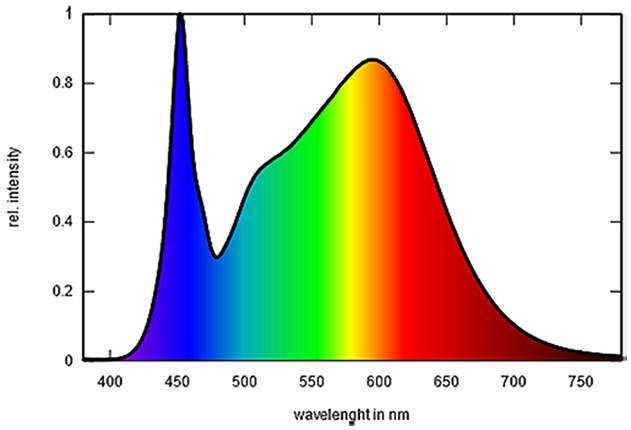
**Product parameters**

| Parameter | Value | Parameter | Value |
|---|---|---|---|
| **General product parameters:** | | | |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 51 | Energy efficiency class | D |
| Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º) | 8 045 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 | 4 000 |
| On-mode power ($P_{on}$), expressed in W | 51,5 | Standby power ($P_{sb}$), expressed in W and rounded to the second decimal | 0,50 |
| Networked standby power ($P_{net}$) for CLS, expressed in W and rounded to the second decimal | 0,50 | Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set | 85 |
| Outer dimensions without separate control gear, light- | Height: 1 | Spectral power distribution in the range 250 nm to 800 nm, at full-load | See image in last page |
| | Width: 9 | | |
| | Depth: 1 760 | | |

| | | | | |
|---|---|---|---|---|
| ing control parts and non-lighting control parts, if any (millimetre) | | | | |
| Claim of equivalent power[(a)] | | - | If yes, equivalent power (W) | - |
| | | | Chromaticity coordinates (x and y) | 0,376<br>0,375 |
| **Parameters for LED and OLED light sources:** | | | | |
| R9 colour rendering index value | | 12 | Survival factor | 0,90 |
| the lumen maintenance factor | | 0,96 | | |

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;


1
0.8
0.6
0.4
0.2
0
rel. intensity
400
450
500
550
600
650
700
750
wavelenght in nm

Model placed on the Union market from 20/12/2019

**EPREL registration number:** 1034164

https://eprel.ec.europa.eu/qr/1034164

**Supplier:** GRIMMEISEN LICHT GmbH (Manufacturer)

**Website:** www.grimmeisen-licht.de

**Customer care service:**

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