# Product Information Sheet

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

**Supplier's name or trade mark:** ChiliTec GmbH

**Supplier's address:** Technik, Bäckerberg 12, 38165 Lehre, DE

**Model identifier:** 22567

**Type of light source:**

| | | | |
|---|---|---|---|
| Lighting technology used: | LED | Non-directional or directional: | NDLS |
| Light source cap-type (or other electric interface) | Wire | | |
| Mains or non-mains: | MLS | Connected light source (CLS): | Nein |
| Colour-tuneable light source: | Nein | Envelope: | - |
| High luminance light source: | Nein | | |
| Anti-glare shield: | Nein | 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 (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º) | 100 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 | 3 000 |
| On-mode power ($P_{on}$), expressed in W | 2,5 | 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 | - | Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set | 80 |
| Outer dimensions without — Height | 86 | Spectral power distribution in the | See image in last page |
| Outer dimensions without — Width | 86 | | |
| Outer dimensions without — Depth | 33 | | |

| | | | | |
|---|---|---|---|---|
| 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) | 0,400<br>0,300 |
| **Parameters for LED and OLED light sources:** | | | | |
| R9 colour rendering index value | | -2 | Survival factor | 0,50 |
| the lumen maintenance factor | | 0,70 | | |
| **Parameters for LED and OLED mains light sources:** | | | | |
| displacement factor (cos ϕ1) | | 0,90 | Colour consistency in McAdam ellipses | 5 |
| 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) | | 0,9 | Stroboscopic effect metric (SVM) | 0,5 |

[a] '-' : not applicable;

[b] '-' : not applicable;

## CIE Colorimetric Parameters

Chromaticity coordinates: x=0.4308 y=0.3978 u(u')=0.2493 v=0.3453 v'=0.5180
CCT: Tc=3054K (duv=-0.00168) Color Ratio: R=0.242 G=0.733 B=0.026
Peak Wavelength: 595nm Half Bandwidth: 118.3nm
Dominant Wavelength: 584.2nm Color Purity: 0.487
Rendering Index: Ra= 80.6

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| R1 =79 | R2 =92 | R3 =94 | R4 =77 | R5 =80 | R6 =90 | R7 =79 | R8 =54 |
| R9 =-2 | R10=81 | R11=76 | R12=72 | R13=82 | R14=97 | R15=71 | |