

Product Information Sheet

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

Supplier's name or trade mark: LED Bettleuchte Chrome CW

Supplier's address: Technische Dokumentation, Oststraße 69, 32051 Herford Herford, DE

Model identifier: 90001929

Type of light source:

| | | | |
|---|---------|---------------------------------|------|
| Lighting technology used: | LED | Non-directional or directional: | DLS |
| Light source cap-type (or other electric interface) | LED SMD | | |
| Mains or non-mains: | NMLS | Connected light source (CLS): | Nein |
| Colour-tuneable light source: | Nein | Envelope: | - |
| High luminance light source: | Nein | | |
| Anti-glare shield: | Ja | Dimmable: | Yes |

Product parameters

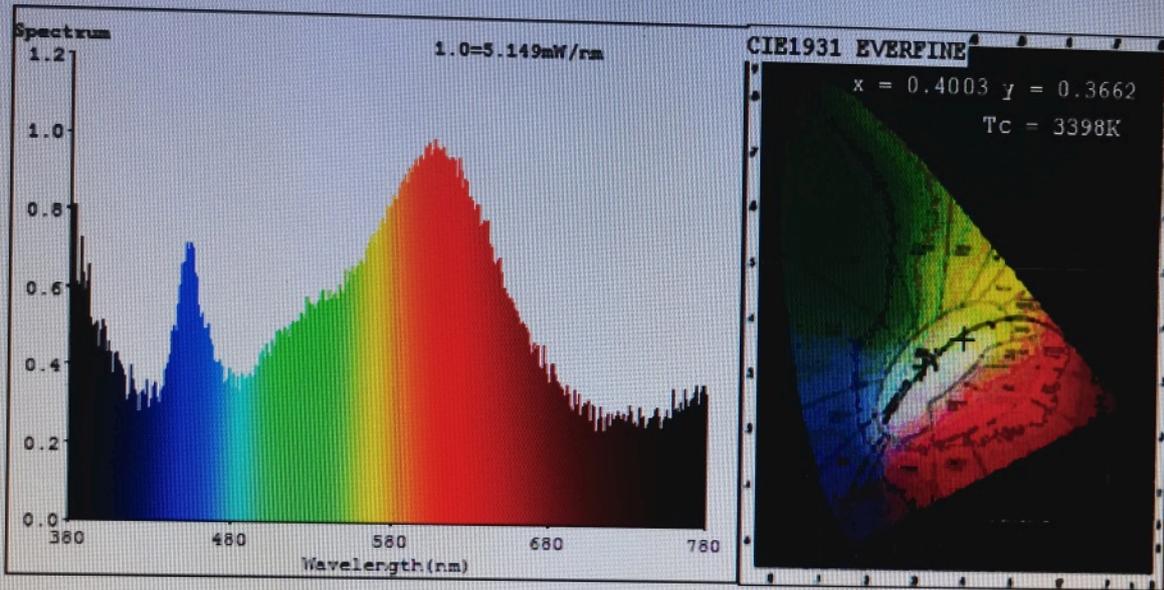
| Parameter | Value | Parameter | Value | |
|--|------------------------|--|------------------------|-----|
| General product parameters: | | | | |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 1 | Energy efficiency class | G | |
| Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 90 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 | 3 400 | |
| On-mode power (P_{on}), expressed in W | 1,0 | Standby power (P_{sb}), expressed in W and rounded to the second decimal | 0,10 | |
| 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 | 89 | |
| Outer dimensions without | Height | Spectral power distribution in the | See image in last page | |
| | Width | | | 35 |
| | Depth | | | 400 |

| | | | |
|---|------|--|--------------------------------------|
| 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) | 0,366 0,242 |
| Parameters for directional light sources: | | | |
| Peak luminous intensity (cd) | 21 | Beam angle in degrees, or the range of beam angles that can be set | 135 |
| Parameters for LED and OLED light sources: | | | |
| R9 colour rendering index value | 41 | Survival factor | 0,90 |
| the lumen maintenance factor | 0,98 | | |

(a): not applicable;

(b): not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4003$ $y=0.3662$ $u'=0.2429$ $v'=0.4998$

$T_c=3398K$ ($Duv=-0.0101$) Dominant WL: $L_d = 586.9nm$ Purity=30.0%

Ratio: R=24.0% G=72.5% B=3.5% Peak WL: $L_p=605.8nm$ HWL: $L_{hd}=144.8nm$

Render Index: $R_a=89.7$

R1 =91 R2 =97 R3 =94 R4 =89 R5 =93 R6 =95 R7 =85

R8 =73 R9 =41 R10=94 R11=90 R12=93 R13=93 R14=98 R15=87

Photo Parameters:

Flux = 250.7 lm Eff. : 86.46 lm/W $F_e = 1.016 W$

Electrical parameters:

V = 12.00 V I = 0.2440 A P = 2.900 W PF = 5.000

LEVEL: OUT WHITE: OUT

Status: Integral T = 705 ms $I_p = 1519 (2\%)$