

Product Information Sheet

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

Supplier's name or trade mark: Luca Bessoni

Supplier's address: Importabteilung, Römerstraße 39, 4600 Wels, AT

Model identifier: 81810760

Type of light source:

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

Product parameters

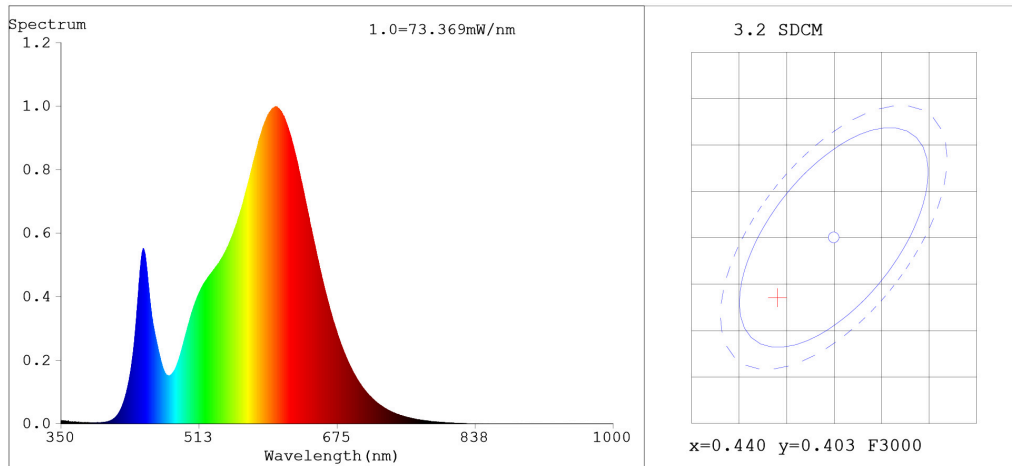
| Parameter | Value | Parameter | Value |
|--|---------------------------|--|---|
| General product parameters: | | | |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 30 | Energy efficiency class | F |
| Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 3 450 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 | 3000...6500 |
| On-mode power (P_{on}), expressed in W | 30,0 | 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 | 82 |
| Outer dimensions without separate control gear, lighting control | Height | 377 | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
| | Width | 403 | |
| | Depth | 403 | |
| | | | See image in last page |

| | | | |
|---|------|------------------------------------|----------------|
| parts and non-lighting control parts, if any (millimetre) | | | |
| Claim of equivalent power ^(a) | - | If yes, equivalent power (W) | - |
| | | Chromaticity coordinates (x and y) | 0,440 0,400 |
| Parameters for LED and OLED light sources: | | | |
| R9 colour rendering index value | 2 | Survival factor | 0,90 |
| the lumen maintenance factor | 0,96 | | |

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4340$ $y=0.3965$ $u'=0.2520$ $v'=0.5179$
 CCT=2987K (Duv=-0.0026) Dominant WL:Ld =583.9nm Purity=49.3%
 Ratio:R=23.0% G=74.6% B=2.4% Peak WL:Lp=602.6nm FWHM=120.6nm
 Render Index:Ra=81.7 AvgR=76.2
 R1 =80 R2 =90 R3 =96 R4 =80 R5 =81 R6 =89 R7 =81
 R8 =57 R9 =2 R10=78 R11=80 R12=75 R13=82 R14=98 R15=72

Photo Parameters:

Flux = 3512 lm Eff. : 124.48 lm/W Fe = 10.71 W
 Scotopic:4674.9 S/P:1.3313
 Photosynthetic:PPF:49.85umol/s PAR WATT:10380mW(400-700nm)

Electrical parameters:

V = 47.025 V I = 0.5999 A P = 28.21 W PF = 1.000
 WHITE:ANSI_3000K

Status: Integral T = 79 ms Ip = 56509 (86%)

Model:DX9230A-2835-6B5C×2-9V-100mA Number:裸灯无电源30W-45V-0.6A-3000K
 Tester:DAMIN Date:2021-07-28 14:27:58
 Temperature:25.3Deg Humidity:65.0%
 Manufacturer: Remarks:---