# 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:** 81810767

**Type of light source:**

| | | | |
|---|---|---|---|
| Lighting technology used: | LED | Non-directional or directional: | NDLS |
| Light source cap-type (or other electric interface) | LED Ceiling Lamp | | |
| 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 | 58 | Energy efficiency class | F |
| 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) | 5 560 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 | 2 700 or 4 000 or 6 000 |
| On-mode power ($P_{on}$), expressed in W | 58,0 | 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 | - | Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set | 80 |
| Outer dimensions without separate control gear, lighting control — Height | 900 | Spectral power distribution in the range 250 nm to 800 nm, at full-load | See image in last page |
| Outer dimensions without separate control gear, lighting control — Width | 400 | | |
| Outer dimensions without separate control gear, lighting control — Depth | 80 | | |

| | | | | |
|---|---|---|---|---|
| parts and non-lighting control parts, if any (millimetre) | | | | |
| Claim of equivalent power[(a)] | | - | If yes, equivalent power (W) | - |
| | | | Chromaticity coordinates (x and y) | 0,322<br>0,346 |
| **Parameters for LED and OLED light sources:** | | | | |
| R9 colour rendering index value | | 0 | Survival factor | 1,00 |
| the lumen maintenance factor | | 0,96 | | |
| **Parameters for LED and OLED mains light sources:** | | | | |
| displacement factor (cos ϕ1) | | 0,96 | Colour consistency in McAdam ellipses | 4 |
| 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) | | 0,1 | Stroboscopic effect metric (SVM) | 0,1 |

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

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

# Lighting Measure Report

## Color Parameter

Chroma Coordinate:x=0.3224 y=0.3458 u=0.1982 v=0.3189

Chroma Coordinate:u'=0.1982 v'=0.4784

CCT.:CCT=6345K Dominant: d=507.4nm Barycenter: b=543nm Peak Wavelength: p=451.8nm

FWHM: 22.97nm Purity:Pe=3.392% Red Ratio:R=0.137 Green Ratio:G=0.812 Blue Ratio:B=0.052

Color CRI.:Ra=82.49

| | | | | | | |
|---|---|---|---|---|---|---|
| R 1=80 | R 2=87 | R 3=92 | R 4=82 | R 5=81 | R 6=82 | R 7=88 |
| R 8=67 | R 9=0 | R10=69 | R11=81 | R12=58 | R13=82 | R14=96 |
| R15=74 | | | | | | |

## Luminosity Parameter

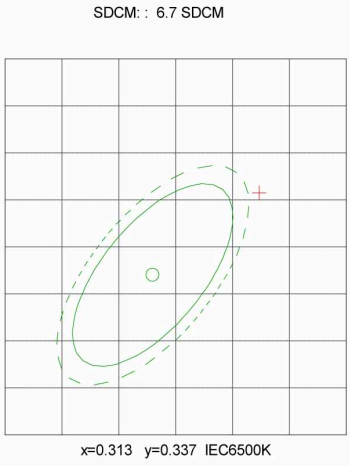
Luminous Flux(380-780nm):5558.35lm Optical Power(380-780nm):17.1W Efficient(380-780nm):103.2lm/W

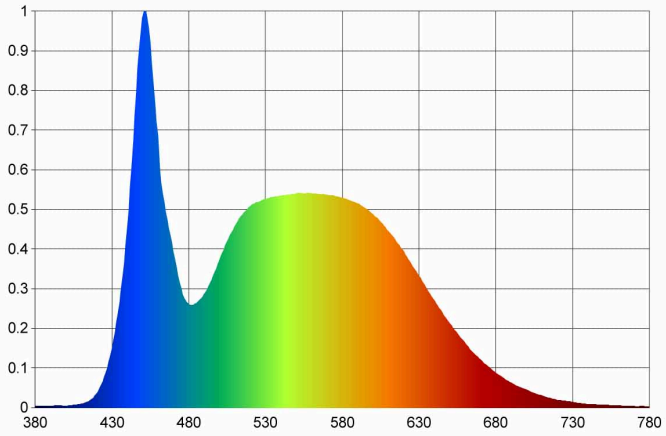
## Electric Parameter

Voltage: U=230.2V Current: I=244mA Power: P=53.86W PF: PF=0.957

## Device State

Wavelength Range：380nm-780nm Wavelength Interval：1nm




Product Model: LED

Sample No.: 6

Test Cond:Tg=24.2Cels Ta=24.6Cels RH=60%

Test Date: 2022-8-17

Manufacturer: Volnic

Product Category: 6000K不带罩

Measure Device: Volnic X10 Series CCD Spectrum System

Operator(Sign):_____