

Product Information Sheet

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

Supplier's name or trade mark: SPL

Supplier's address: Schiefer Lighting, Potterbakkerstraat 35, 4871EP Etten-Leur, NL

Model identifier: LF023930301

Type of light source:

| | | | |
|---|-----|---------------------------------|----------------------------|
| Lighting technology used: | LED | Non-directional or directional: | NDLS |
| Light source cap-type (or other electric interface) | E27 | | |
| 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: | 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 | 6 | 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°) | 350 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 | 2 500 |
| On-mode power (P_{on}), expressed in W | 6,0 | 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 | 93 |
| Outer dimensions without separate control gear, light- | Height | 670 | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
| | Width | 30 | |
| | Depth | 30 | |
| | | | See image in last page |

| | | | |
|---|------|---------------------------------------|----------------|
| 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) | 0,472 0,416 |
| Parameters for LED and OLED light sources: | | | |
| R9 colour rendering index value | 71 | Survival factor | 0,96 |
| the lumen maintenance factor | 0,96 | | |
| Parameters for LED and OLED mains light sources: | | | |
| displacement factor (cos ϕ_1) | 0,85 | Colour consistency in McAdam ellipses | 6 |
| 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) | 0,3 |

(a): not applicable;

(b): not applicable;

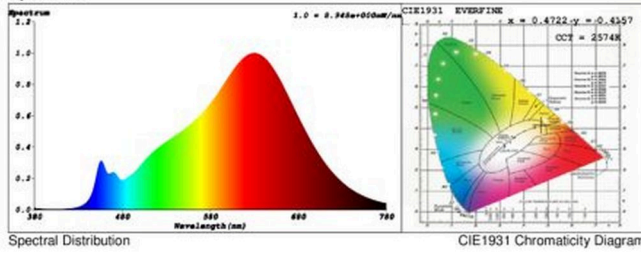
SPL Spectrum Test Report

| | | | | | |
|---------------|---|-------------|-------------|---|---------------------|
| Sample | : | | Date | : | 2021-07-23 09:14:47 |
| Specification | : | LF023930301 | Sam. Status | : | |
| Sample No. | : | | Instrument | : | HaasSuite(EVERFINE) |
| Manufacturer | : | Renee | Test by | : | Renee |
| | | | Assessor | : | damin |

Test Condition

| | | | | | |
|-------------|---|-------------|-------------|---|-------------|
| Temperature | : | 25.3Deg | RH | : | 65.0% |
| WL Range | : | 380nm-780nm | IP | : | 53449 (82%) |
| Test Mode | : | Fast Test | T | : | 57 ms |
| | | | Sensitivity | : | High |

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4722$ $y = 0.4157$ / $u' = 0.2682$ $v' = 0.5311$ ($duv=9.49e-04$)
 CCT= 2574K Prcp WL: Ld=584.6nm Purity=66.5%
 Peak WL: Lp=630nm FWHM: =141.2nm Ratio:R=27.8% G=69.7% B=2.5%

Render Index: Ra = 95.4

R1 =96 R2 =99 R3 =99 R4 =96 R5 =96 R6 =98 R7 =93
 R8 =86 R9 =71 R10=97 R11=98 R12=86 R13=98 R14=99 R15=92
 LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 383.10 lm Eff. : 99.46 lm/W $F_e = 1.4255$ W

Electrical parameters

V = 229.8 V I = 0.02075 A P = 3.852 W PF = 0.8075