

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: LF023881602

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 | 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°) | 470 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 | 5,5 | 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 | 93 |
| Outer dimensions without separate control gear, light- | Height | 135 | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
| | Width | 95 | |
| | Depth | 95 | |
| | | | 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) | 0,482 0,410 |
| Parameters for LED and OLED light sources: | | | |
| R9 colour rendering index value | 61 | Survival factor | 0,96 |
| the lumen maintenance factor | 0,96 | | |
| Parameters for LED and OLED mains light sources: | | | |
| displacement factor (cos ϕ_1) | 0,90 | 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;

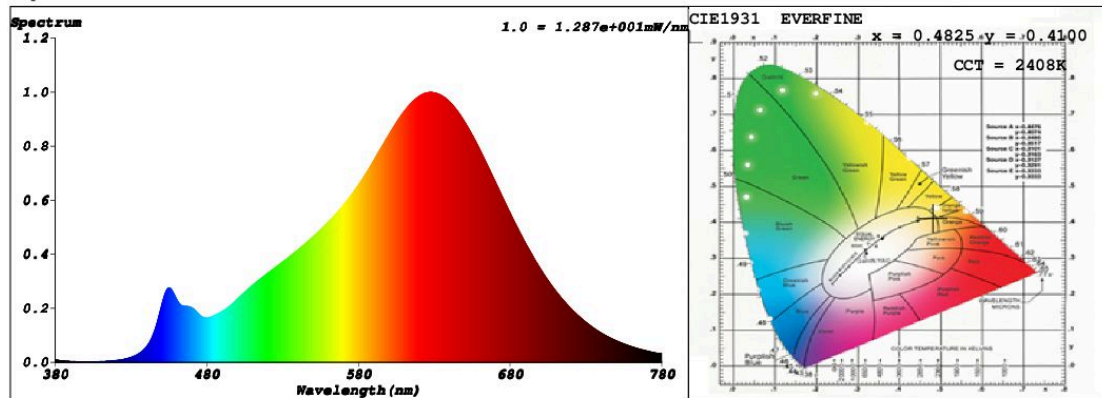
SPL Spectrum Test Report

| | | | | |
|---------------|---|-------------|---|---------------------|
| Sample | : | Date | : | 2019-02-26 10:01:09 |
| Specification | : | Sam. Status | : | |
| Sample No. | : | Instrument | : | HaasSuite(EVERFINE) |
| Manufacturer | : | Test by | : | Schiefer |
| | | Assessor | : | damin |

Test Condition

| | | | | | |
|-------------|---|-------------|-------------|---|-------------|
| Temperature | : | 25.3Deg | RH | : | 65.0% |
| WL Range | : | 380nm-780nm | IP | : | 52983 (81%) |
| Test Mode | : | Fast Test | T | : | 36 ms |
| | | | Sensitivity | : | High |

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4825$ $y = 0.4100$ / $u' = 0.2775$ $v' = 0.5305$ ($duv = -1.49e-03$)

CCT= 2408K Prcp WL: Ld=586.3nm Purity=67.9%

Peak WL: Lp=627nm FWHM: =128.3nm Ratio:R=29.4% G=68.3% B=2.3%

Render Index: Ra = 93.0

R1 =94 R2 =99 R3 =97 R4 =93 R5 =95 R6 =96 R7 =89

R8 =80 R9 =61 R10=97 R11=95 R12=88 R13=96 R14=100 R15=89

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 521.69 lm Eff. : 94.25 lm/W Fe = 1.9380 W

Electrical parameters

V = 230.0 V I = 0.02913 A P = 5.535 W PF = 0.8262

Schiefer Professional Lighting

www.professional-lighting.eu