

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: L147250827

Type of light source:

| | | | |
|---|-----|---------------------------------|----------------------------|
| Lighting technology used: | LED | Non-directional or directional: | NDLS |
| Light source cap-type (or other electric interface) | E14 | | |
| 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 | 5 | 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 | 2 700 |
| On-mode power (P_{on}), expressed in W | 5,0 | 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 | 82 |
| Outer dimensions without separate control gear, light- | Height | 75 | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
| | Width | 45 | |
| | Depth | 45 | |
| | | | 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) | 0,461 0,411 |
| Parameters for LED and OLED light sources: | | | |
| R9 colour rendering index value | 8 | Survival factor | 0,90 |
| the lumen maintenance factor | 0,96 | | |
| Parameters for LED and OLED mains light sources: | | | |
| displacement factor (cos ϕ_1) | 0,70 | 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) | 1,0 | Stroboscopic effect metric (SVM) | 0,4 |

(a): not applicable;

(b): not applicable;

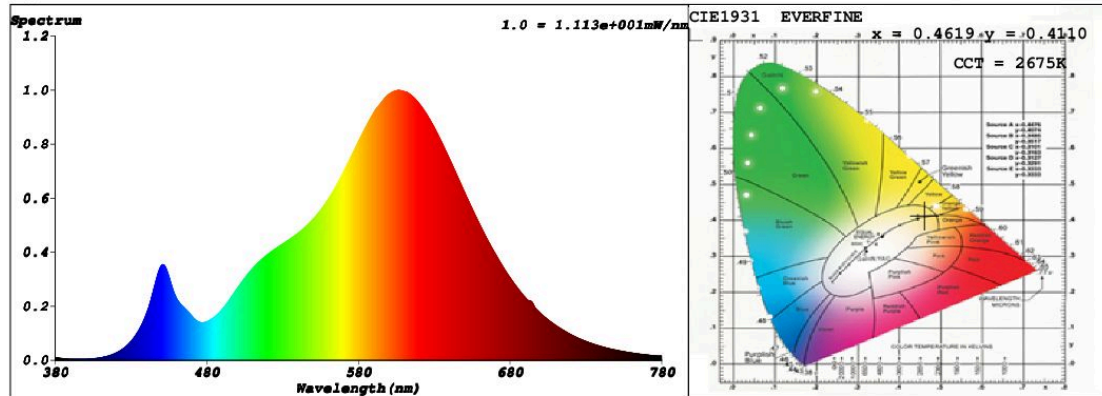
SPL Spectrum Test Report

| | | | |
|---------------|-----------------|-------------|-----------------------|
| Sample | : | Date | : 2021-05-31 12:53:50 |
| Specification | : L147250827 | Sam. Status | : |
| Sample No. | : L147250827 01 | Instrument | : HaasSuite(EVERFINE) |
| Manufacturer | : | Test by | : Schiefer |
| | | Assessor | : damin |

Test Condition

| | | | |
|-------------|---------------|-------------|---------------|
| Temperature | : 25.3Deg | RH | : 65.0% |
| WL Range | : 380nm-780nm | IP | : 45499 (69%) |
| Test Mode | : Fast Test | T | : 36 ms |
| | | Sensitivity | : High |

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4619$ $y = 0.4110$ / $u' = 0.2636$ $v' = 0.5278$ ($duv = -1.47e-05$)

CCT= 2675K Prcp WL: $L_d = 584.3nm$ Purity=62.0%

Peak WL: $L_p = 607nm$ FWHM: =114.3nm Ratio:R=25.4% G=72.5% B=2.1%

Render Index: $R_a = 82.8$

R1 =81 R2 =92 R3 =96 R4 =81 R5 =82 R6 =91 R7 =82

R8 =57 R9 =8 R10=82 R11=81 R12=78 R13=84 R14=98 R15=73

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 501.59 lm Eff. : 89.00 lm/W $F_e = 1.5633 W$

Electrical parameters

V = 229.9 V I = 0.03175 A P = 5.636 W PF = 0.7719

Schiefer Professional Lighting

www.spl-lighting.com