

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: L641134527

Type of light source:

| | | | |
|---|------|---------------------------------|-----|
| Lighting technology used: | LED | Non-directional or directional: | DLS |
| Light source cap-type (or other electric interface) | GU4 | | |
| Mains or non-mains: | NMLS | Connected light source (CLS): | No |
| Colour-tuneable light source: | No | Envelope: | - |
| High luminance light source: | No | | |
| Anti-glare shield: | No | Dimmable: | No |

Product parameters

| Parameter | Value | Parameter | Value |
|--|--------------------------|--|---|
| General product parameters: | | | |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 4 | 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°) | 345 in Narrow cone (90°) | 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 | 4,2 | 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 | 80 |
| Outer dimensions without separate control gear, lighting control | Height | 38 | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
| | Width | 35 | |
| | Depth | 35 | |
| | | | 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) | 0,454 0,411 |
| Parameters for directional light sources: | | | |
| Peak luminous intensity (cd) | 660 | Beam angle in degrees, or the range of beam angles that can be set | 36 |
| Parameters for LED and OLED light sources: | | | |
| R9 colour rendering index value | 13 | Survival factor | 0,90 |
| the lumen maintenance factor | 0,93 | | |

(a) : not applicable;

(b) : not applicable;

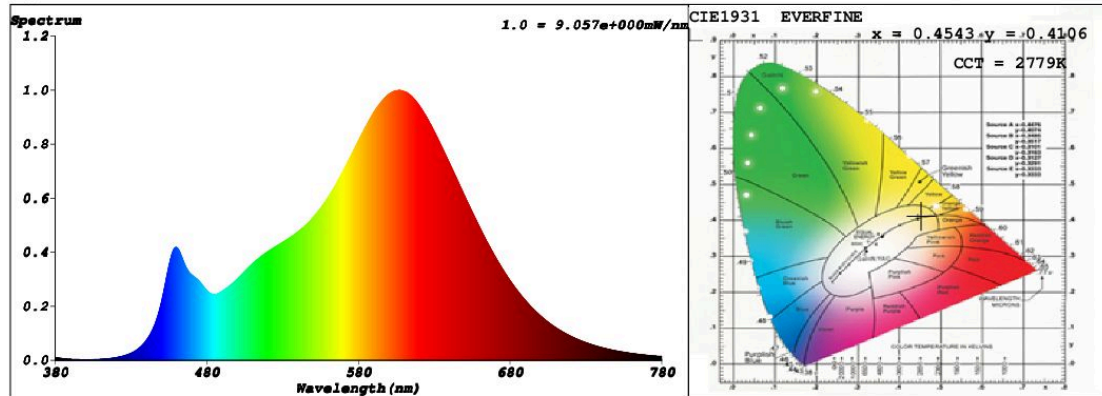
SPL Spectrum Test Report

| | | | | |
|---------------|---|-------------|---|---------------------|
| Sample | : | Date | : | 2021-07-13 14:50:41 |
| Specification | : | Sam. Status | : | |
| Sample No. | : | Instrument | : | HaasSuite(EVERFINE) |
| Manufacturer | : | Test by | : | Ralf |
| | | Assessor | : | damin |

Test Condition

| | | | | | |
|-------------|---|-------------|-------------|---|-------------|
| Temperature | : | 25.3Deg | RH | : | 65.0% |
| WL Range | : | 380nm-780nm | IP | : | 47208 (72%) |
| Test Mode | : | Fast Test | T | : | 46 ms |
| | | | Sensitivity | : | High |

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4543$ $y = 0.4106$ / $u' = 0.2589$ $v' = 0.5265$ ($duv=4.95e-04$)

CCT= 2779K Prcp WL: Ld=583.7nm Purity=59.6%

Peak WL: Lp=607nm FWHM: =114.4nm Ratio:R=24.8% G=72.3% B=2.9%

Render Index: Ra = 83.7

R1 =84 R2 =96 R3 =91 R4 =80 R5 =84 R6 =96 R7 =80

R8 =58 R9 =13 R10=90 R11=81 R12=79 R13=87 R14=96 R15=75

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 414.28 lm Eff. : 93.23 lm/W Fe = 1.2891 W

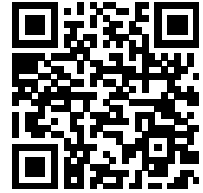
Electrical parameters

V = 12.10 V I = 0.5186 A P = 4.443 W PF = 0.7082

Schiefer Professional Lighting

www.spl-lighting.com

Model placed on the Union market from 06/05/2021



EPREL registration number: 767191

<https://eprel.ec.europa.eu/qr/767191>

Supplier: Schiefer Signaal Speciaallampen B.V. (Importer)

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

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