

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: L642770727

Type of light source:

| | | | |
|---|-------|---------------------------------|-----|
| Lighting technology used: | LED | Non-directional or directional: | DLS |
| Light source cap-type (or other electric interface) | GU5.3 | | |
| 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 | 7 | 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 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 | 7,0 | 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, lighting control | Height | Spectral power distribution in the range 250 nm to 800 nm, at full-load | See image in last page |
| | Width | | |
| | Depth | | |

| | | | | |
|---|-------|--|----------------|--|
| parts and non-lighting control parts, if any (millimetre) | | | | |
| Claim of equivalent power ^(a) | - | If yes, equivalent power (W) | - | |
| | | Chromaticity coordinates (x and y) | 0,456 0,408 | |
| Parameters for directional light sources: | | | | |
| Peak luminous intensity (cd) | 1 100 | 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 | -3 | Survival factor | 0,90 | |
| the lumen maintenance factor | 0,98 | | | |

(a) : not applicable;

(b) : not applicable;

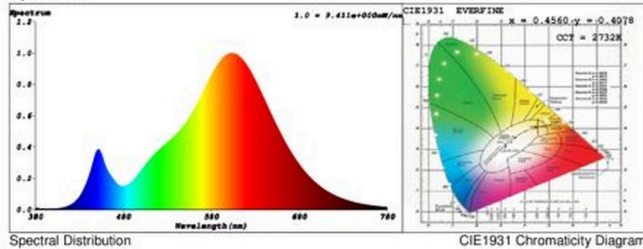
SPL Spectrum Test Report

| | | | | | |
|---------------|---|------------|-------------|---|---------------------|
| Sample | : | | Date | : | 2021-07-22 14:06:34 |
| Specification | : | L642770727 | Sam. Status | : | |
| Sample No. | : | 1 | Instrument | : | HaasSuite(EVERFINE) |
| Manufacturer | : | Renee | Test by | : | Renee |
| | | | Assessor | : | damin |

Test Condition

| | | |
|-------------|---|-------------|
| Temperature | : | 25.3Deg |
| WL Range | : | 390nm-780nm |
| Test Mode | : | Fast Test |

| | | |
|-------------|---|-------------|
| RH | : | 65.0% |
| IP | : | 46323 (71%) |
| T | : | 46 ms |
| Sensitivity | : | High |

Spectrum**Colorimetric Parameters**

Chromaticity Coordinate: $x = 0.4560$ $y = 0.4078$ / $u' = 0.2613$ $v' = 0.5257$ ($duv = -7.23e-04$)
 CCT= 2732K Prcp WL: Ld=584.3nm Purity=59.3%
 Peak WL: Lp=604nm FWHM: =114.6nm Ratio:R=24.4% G=73.5% B=2.1%

Render Index: Ra = 79.5

R1 =77 R2 =90 R3 =95 R4 =76 R5 =77 R6 =87 R7 =80
 R8 =53 R9 =-3 R10=77 R11=74 R12=71 R13=80 R14=98 R15=70
 LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 432.87 lm Eff. : 100.74 lm/W Fe = 1.3274 W

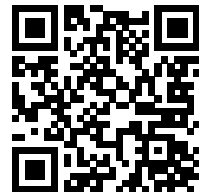
Electrical parameters

V = 12.01 V I = 0.3869 A P = 4.297 W PF = 0.9245

Schiefer Professional Lighting

www.spl-lighting.com

Model placed on the Union market from 01/09/2021



EPREL registration number: 831597

<https://eprel.ec.europa.eu/qr/831597>

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

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

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