

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: 023040270

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 | 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°) | 270 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 | 4,0 | 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 | 50 | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
| | Width | 50 | |
| | Depth | 50 | |
| | | | 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 0,413 |
| Parameters for directional light sources: | | | |
| Peak luminous intensity (cd) | 500 | Beam angle in degrees, or the range of beam angles that can be set | 45 |
| Parameters for LED and OLED light sources: | | | |
| R9 colour rendering index value | 12 | Survival factor | 0,90 |
| the lumen maintenance factor | 0,98 | | |

(a): not applicable;

(b): not applicable;

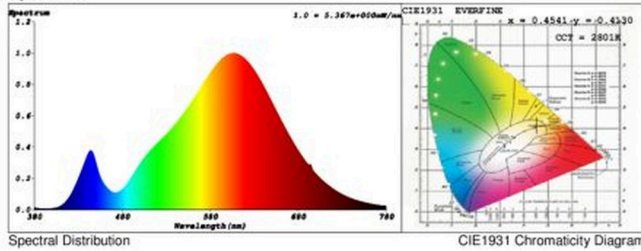
SPL Spectrum Test Report

| | |
|---------------------------|----------------------------------|
| Sample : | Date : 2021-07-22 14:33:25 |
| Specification : 023040270 | Sam. Status : |
| Sample No. : 1 | Instrument : HaasSuite(EVERFINE) |
| Manufacturer : Renee | Test by : Renee |
| | Assessor : damin |

Test Condition

| | |
|------------------------|--------------------|
| Temperature : 25.3Deg | RH : 65.0% |
| WL Range : 380nm-780nm | IP : 50924 (78%) |
| Test Mode : Fast Test | T : 88 ms |
| | Sensitivity : High |

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4541$ $y = 0.4130$ / $u' = 0.2577$ $v' = 0.5274$ ($duv=1.43e-03$)
 CCT= 2801K Prcp WL: Ld=583.3nm Purity=60.3%
 Peak WL: Lp=607nm FWHM: =134.2nm Ratio:R=23.9% G=74.1% B=1.9%

Render Index: Ra = 81.7

R1 =79 R2 =88 R3 =96 R4 =81 R5 =79 R6 =85 R7 =85
 R8 =61 R9 =12 R10=73 R11=79 R12=70 R13=81 R14=98 R15=73
 LEVEL:OUT WHITE:ANSI_2700K

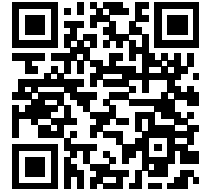
Photometric & Radiometric Parameters

Flux = 262.27 lm Eff. : 98.71 lm/W $F_e = 833.16$ mW

Electrical parameters

V = 12.08 V I = 0.3328 A P = 2.657 W PF = 0.6607

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



EPREL registration number: 831059

<https://eprel.ec.europa.eu/qr/831059>

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

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

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