# 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:** L642790827

**Type of light source:**

| | | | |
|---|---|---|---|
| Lighting technology used: | LED | Non-directional or directional: | DLS |
| 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 | 15 | Energy efficiency class | F |
| Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º) | 900 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 | 15,0 | 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: 135 | Spectral power distribution in the range 250 nm to 800 nm, at full-load | See image in last page |
| | Width: 121 | | |
| | Depth: 121 | | |

| | | | | |
|---|---|---|---|---|
| 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<br>0,417 |
| **Parameters for directional light sources:** | | | | |
| Peak luminous intensity (cd) | | 1 900 | 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 | | 4 | Survival factor | 0,70 |
| the lumen maintenance factor | | 0,70 | | |
| **Parameters for LED and OLED mains light sources:** | | | | |
| displacement factor (cos ϕ1) | | 0,90 | Colour consistency in McAdam ellipses | 5 |
| 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) | | 0,7 | Stroboscopic effect metric (SVM) | 0,9 |

[a] '-' : not applicable;

[b] '-' : not applicable;

EVERFINE

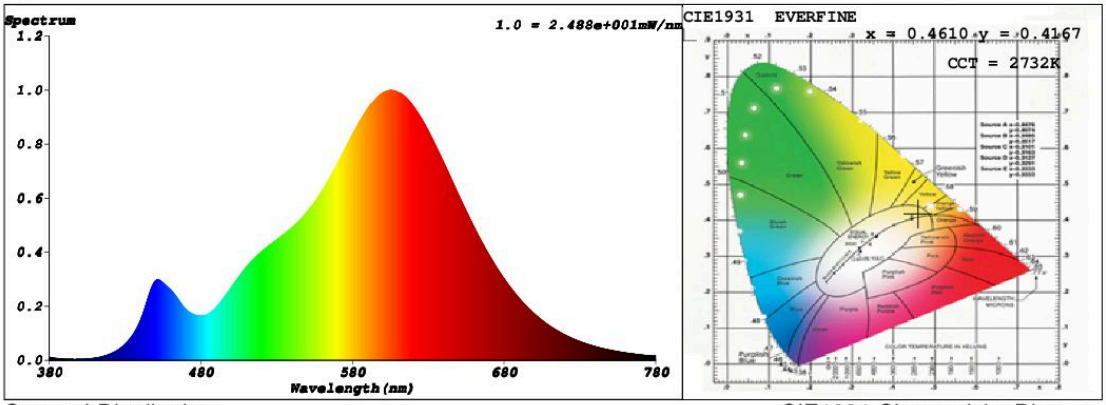
# SPL Spectrum Test Report

| | | | |
|---|---|---|---|
| Sample | : | Date | : 2021-06-30 15:36:26 |
| Specification | : L642790827 | Sam. Status | : |
| Sample No. | : L642790827-222 | Instrument | : HaasSuite(EVERFINE) |
| Manufacturer | : | Test by | : Renee |
| | | Assessor | : damin |

## Test Condition

| | | | |
|---|---|---|---|
| Temprature | : 25.3Deg | RH | : 65.0% |
| WL Range | : 380nm-780nm | IP | : 50605 (77%) |
| Test Mode | : Fast Test | T | : 18 ms |
| | | Sensitivity | : High |

## Spectrum




Spectral Distribution CIE1931 Chromaticity Diagram

## Colorimetric Parameters

Chromaticity Coordinate: x = 0.4610 y = 0.4167 / u' = 0.2605 v' = 0.5298 (duv=2.15e-03)

CCT= 2732K Prcp WL: Ld=583.4nm Purity=63.5%

Peak WL: Lp=605nm FWHM: =118.0nm Ratio:R=24.6% G=73.2% B=2.2%

Render Index: Ra = 81.8

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| R1 =80 | R2 =91 | R3 =96 | R4 =79 | R5 =80 | R6 =90 | R7 =82 | |
| R8 =57 | R9 =4 | R10=79 | R11=79 | R12=73 | R13=82 | R14=99 | R15=71 |

LEVEL:OUT WHITE:ANSI_2700K

## Photometric & Radiometric Parameters

Flux = 1149.6 lm Eff. : 90.60 lm/W Fe = 3.5214 W

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## Electrical parameters

V = 229.8 V I = 0.05901 A P = 12.69 W PF = 0.9354

**Schiefer Professional Lighting**

www.spl-lighting.com

Model placed on the Union market from 01/09/2021 to 10/11/2022

**EPREL registration number:** 831622 https://eprel.ec.europa.eu/qr/831622

**Supplier:** Schiefer Signaal Speciaallampen B.V. (Importer) **Website:** www.schiefer.nl

**Customer care service:**

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