# 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:** L229355530

**Type of light source:**

| | | | |
|---|---|---|---|
| Lighting technology used: | LED | Non-directional or directional: | NDLS |
| Light source cap-type (or other electric interface) | Ba22d | | |
| 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: | No |

**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 | E |
| 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) | 550 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 | 3 000 |
| On-mode power ($P_{on}$), expressed in W | 4,5 | 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 | 58 | Spectral power distribution in the range 250 nm to 800 nm, at full-load | See image in last page |
| Width | 27 | | |
| Depth | 27 | | |

| | | | | |
|---|---|---|---|---|
| parts and non-lighting control parts, if any (millimetre) | | | | |
| Claim of equivalent power[(a)] | | - | If yes, equivalent power (W) | - |
| | | | Chromaticity coordinates (x and y) | 0,445<br>0,403 |
| **Parameters for LED and OLED light sources:** | | | | |
| R9 colour rendering index value | | 10 | Survival factor | 0,90 |
| the lumen maintenance factor | | 0,93 | | |
| **Parameters for LED and OLED mains light sources:** | | | | |
| displacement factor (cos ϕ1) | | 0,50 | 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) | | 0,2 | Stroboscopic effect metric (SVM) | 0,1 |

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

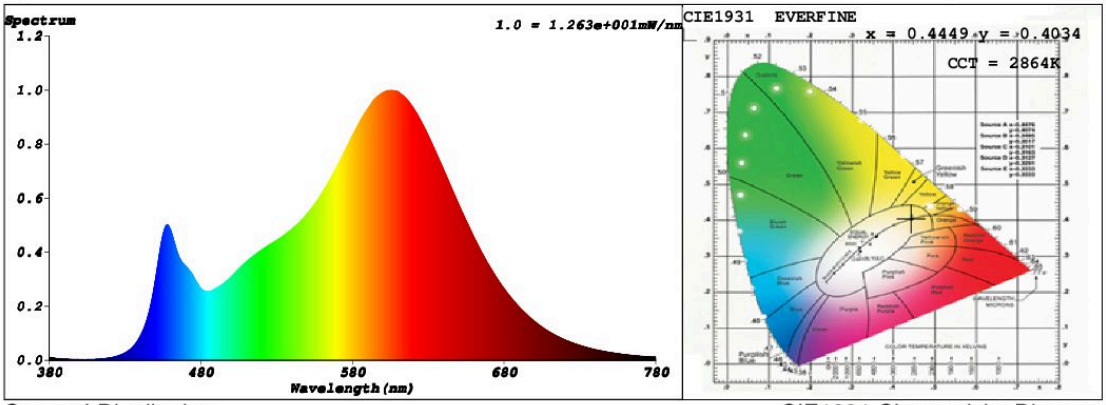
# SPL Spectrum Test Report

| | | | |
|---|---|---|---|
| Sample | : 1-1 | Date | : 2017-11-06 09:35:21 |
| Specification | : L229355530 | Sam. Status | : |
| Sample No. | : L229355530 1 | Instrument | : HaasSuite(EVERFINE) |
| Manufacturer | : | Test by | : |
| | | Assessor | : damin |

## Test Condition

| | | | |
|---|---|---|---|
| Temprature | : 25.3Deg | RH | : 65.0% |
| WL Range | : 380nm-780nm | IP | : 51436 (78%) |
| Test Mode | : Fast Test | T | : 33 ms |
| | | Sensitivity | : High |

## Spectrum




Spectral Distribution CIE1931 Chromaticity Diagram

## Colorimetric Parameters

Chromaticity Coordinate: x = 0.4449 y = 0.4034 / u' = 0.2560 v' = 0.5223 (duv=-1.28e-03)

CCT= 2864K Prcp WL: Ld=583.9nm Purity=54.6%

Peak WL: Lp=606nm FWHM: =113.6nm Ratio:R=24.2% G=72.7% B=3.0%

Render Index: Ra = 83.0

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| R1 =83 | R2 =96 | R3 =90 | R4 =79 | R5 =84 | R6 =95 | R7 =79 | |
| R8 =57 | R9 =10 | R10=90 | R11=79 | R12=78 | R13=87 | R14=95 | R15=75 |

LEVEL:OUT WHITE:ANSI_2700K

## Photometric & Radiometric Parameters

Flux = 586.20 lm Eff. : 127.57 lm/W Fe = 1.8054 W

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## Electrical parameters

V = 230.0 V I = 0.04399 A P = 4.595 W PF = 0.4542

**Schiefer Professional Lighting**
www.professional-lighting.eu