

# 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:** LF023899805

## Type of light source:

|   |     |                                 |                            |
|---|-----|---------------------------------|----------------------------|
| Lighting technology used:                           | LED | Non-directional or directional: | NDLS                       |
| 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  | 6                    | Energy efficiency class  | G   |
| Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 470 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 | 2 500   |
| On-mode power ( $P_{on}$ ), expressed in W   | 6,0                  | 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   | 90  |
| Outer dimensions without separate control gear, light-   | Height               | 262  | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
|  | Width                | 200  |   |
|  | Depth                | 200  |   |
|  |                      |  | See image in last page  |

|   |      |                                       |                |
|---|------|---------------------------------------|----------------|
| ing control parts and non-lighting control parts, if any (millimetre)   |      |                                       |                |
| Claim of equivalent power <sup>(a)</sup>  | -    | If yes, equivalent power (W)          | -              |
|   |      | Chromaticity coordinates (x and y)    | 0,485<br>0,415 |
| <b>Parameters for LED and OLED light sources:</b>   |      |                                       |                |
| R9 colour rendering index value   | 51   | Survival factor                       | 0,96           |
| the lumen maintenance factor  | 0,96 |                                       |                |
| <b>Parameters for LED and OLED mains light sources:</b>   |      |                                       |                |
| displacement factor (cos $\phi_1$ )   | 0,85 | Colour consistency in McAdam ellipses | 6              |
| 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)   | 0,1  | Stroboscopic effect metric (SVM)      | 0,3            |

(a): not applicable;

(b): not applicable;

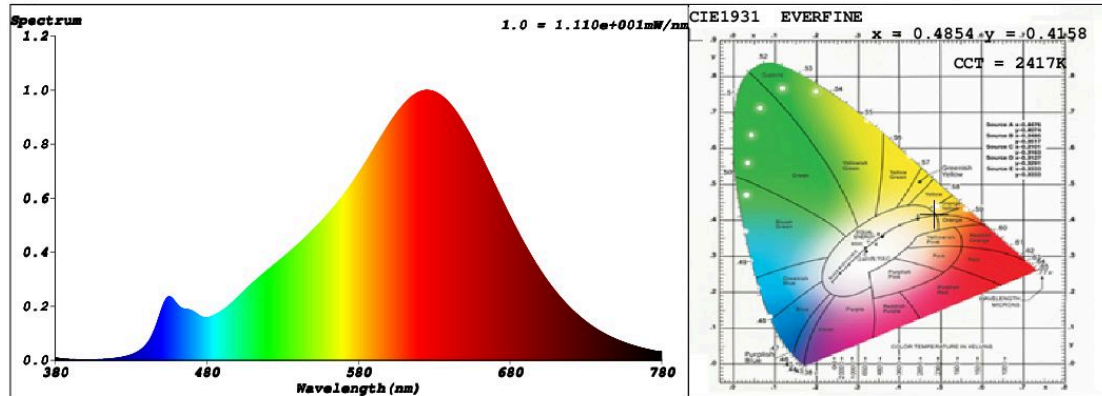
## SPL Spectrum Test Report

|               |   |             |   |                     |
|---------------|---|-------------|---|---------------------|
| Sample        | : | Date        | : | 2019-02-26 10:36:56 |
| Specification | : | Sam. Status | : |                     |
| Sample No.    | : | Instrument  | : | HaasSuite(EVERFINE) |
| Manufacturer  | : | Test by     | : | Schiefer            |
|               |   | Assessor    | : | damin               |

### Test Condition

|             |   |             |             |   |             |
|-------------|---|-------------|-------------|---|-------------|
| Temperature | : | 25.3Deg     | RH          | : | 65.0%       |
| WL Range    | : | 380nm-780nm | IP          | : | 52601 (80%) |
| Test Mode   | : | Fast Test   | T           | : | 41 ms       |
|             |   |             | Sensitivity | : | High        |

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4854$   $y = 0.4158$  /  $u' = 0.2766$   $v' = 0.5332$  ( $duv=4.12e-04$ )

CCT= 2417K Prcp WL:  $L_d=585.7nm$  Purity=70.5%

Peak WL:  $L_p=625nm$  FWHM: =130.2nm Ratio:R=28.9% G=69.1% B=2.1%

Render Index:  $R_a = 91.2$

R1 =91 R2 =97 R3 =98 R4 =90 R5 =91 R6 =97 R7 =89

R8 =76 R9 =51 R10=92 R11=91 R12=86 R13=93 R14=100 R15=86

LEVEL:OUT WHITE:OUT

### Photometric & Radiometric Parameters

Flux = 462.50 lm Eff. : 78.86 lm/W  $F_e = 1.6697$  W

### Electrical parameters

V = 230.0 V I = 0.02956 A P = 5.865 W PF = 0.8626

**Schiefer Professional Lighting**

[www.professional-lighting.eu](http://www.professional-lighting.eu)