

# 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:** LF023911805

**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 ( $\phi_{\text{use}}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) |        | 250 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 | 2 000                  |
| On-mode power ( $P_{\text{on}}$ ), expressed in W                                                                                                     |        | 6,0                  | Standby power ( $P_{\text{sb}}$ ), expressed in W and rounded to the second decimal                                                                        | 0,00                   |
| Networked standby power ( $P_{\text{net}}$ ) 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 | 215                  | Spectral power distribution in the range 250 nm to 800 nm, at full-load                                                                                    | See image in last page |
|                                                                                                                                                       | Width  | 160                  |                                                                                                                                                            |                        |
|                                                                                                                                                       | Depth  | 160                  |                                                                                                                                                            |                        |

|                                                                                                                         |      |                                       |                |  |
|-------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------|----------------|--|
| 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)    | 0,531<br>0,415 |  |
| <b>Parameters for LED and OLED light sources:</b>                                                                       |      |                                       |                |  |
| R9 colour rendering index value                                                                                         | 67   | 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 :  
Specification : L022366037  
Sample No. : LF023911805-2  
Manufacturer :

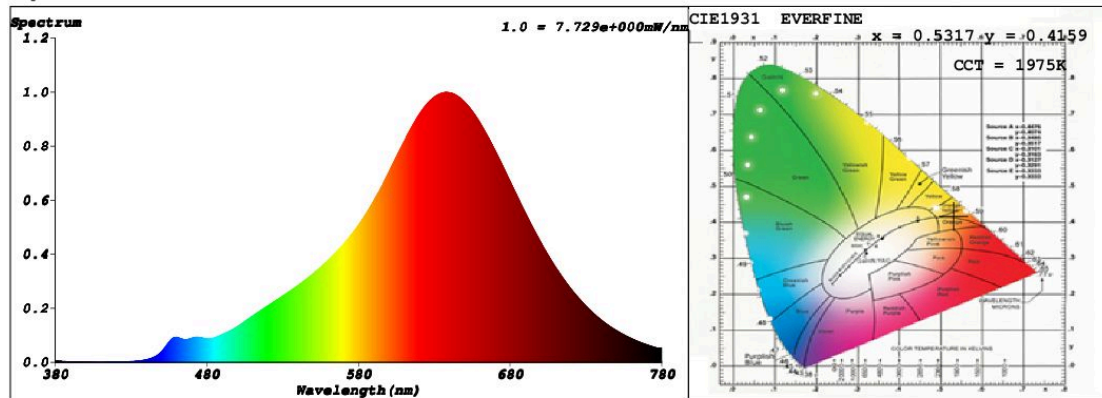
Date : 2020-07-21 14:02:56  
Sam. Status :  
Instrument : HaasSuite(EVERFINE)  
Test by : Schiefer  
Assessor : damin

### Test Condition

Temperature : 25.3Deg  
WL Range : 380nm-780nm  
Test Mode : Fast Test

RH : 65.0%  
IP : 47218 (72%)  
T : 56 ms  
Sensitivity : High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.5317$   $y = 0.4159$  /  $u' = 0.3070$   $v' = 0.5403$  ( $duv=9.77e-04$ )

CCT= 1975K Prcp WL:  $L_d=588.8nm$  Purity=84.4%

Peak WL:  $L_p=638nm$  FWHM:  $=116.1nm$  Ratio: R=35.2% G=63.4% B=1.4%

Render Index:  $R_a = 94.4$

R1 =95 R2 =99 R3 =99 R4 =95 R5 =96 R6 =97 R7 =91  
R8 =83 R9 =67 R10 =97 R11 =98 R12 =92 R13 =97 R14 =99 R15 =90

LEVEL:OUT WHITE:OUT

### Photometric & Radiometric Parameters

Flux = 246.31 lm Eff. : 43.09 lm/W  $F_e = 1.0636 W$

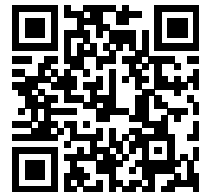
### Electrical parameters

V = 229.8 V I = 0.03301 A P = 5.716 W PF = 0.7535

**Schiefer Professional Lighting**

[www.spl-lighting.com](http://www.spl-lighting.com)

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



**EPREL registration number:** 831847

<https://eprel.ec.europa.eu/qr/831847>

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

**Website:** [www.schiefer.nl](http://www.schiefer.nl)

**Customer care service:**

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