

# 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:** LF024106402

## 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                                                                                                                                    | F                      |
| 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°) |        | 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 ( $P_{\text{on}}$ ), expressed in W                                                                                                     |        | 5,5                  | 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                                                         | 93                     |
| Outer dimensions without separate control gear, light-                                                                                                | Height | 315                  | Spectral power distribution in the range 250 nm to 800 nm, at full-load                                                                                    | See image in last page |
|                                                                                                                                                       | Width  | 38                   |                                                                                                                                                            |                        |
|                                                                                                                                                       | Depth  | 38                   |                                                                                                                                                            |                        |

|                                                                                                                         |      |                                       |                |  |
|-------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------|----------------|--|
| 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)    | 0,479<br>0,411 |  |
| <b>Parameters for LED and OLED light sources:</b>                                                                       |      |                                       |                |  |
| R9 colour rendering index value                                                                                         | 59   | Survival factor                       | 0,96           |  |
| the lumen maintenance factor                                                                                            | 0,96 |                                       |                |  |
| <b>Parameters for LED and OLED mains light sources:</b>                                                                 |      |                                       |                |  |
| displacement factor (cos $\phi_1$ )                                                                                     | 0,90 | 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 :  
Sample No. : LF024106402-1  
Manufacturer : SPL

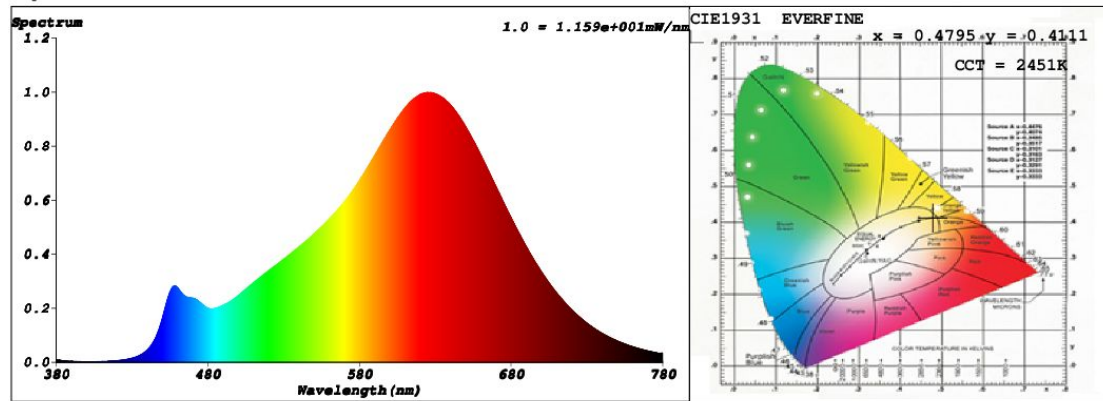
Date : 2018-03-14 10:10:00  
Sam. Status :  
Instrument : HaasSuite(EVERFINE)  
Test by : Ralf  
Assessor : damin

### Test Condition

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

RH : 65.0%  
IP : 55802 (85%)  
T : 41 ms  
Sensitivity : High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4795$   $y = 0.4111$  /  $u' = 0.2750$   $v' = 0.5305$  ( $duv = -9.94e-04$ )

CCT= 2451K Prcp WL:  $L_d = 585.9nm$  Purity=67.3%

Peak WL:  $L_p = 625nm$  FWHM:  $=128.8nm$  Ratio: R=28.9% G=68.6% B=2.5%

Render Index:  $R_a = 92.3$

$R_1 = 94$   $R_2 = 100$   $R_3 = 96$   $R_4 = 92$   $R_5 = 94$   $R_6 = 96$   $R_7 = 88$

$R_8 = 79$   $R_9 = 59$   $R_{10} = 98$   $R_{11} = 94$   $R_{12} = 86$   $R_{13} = 96$   $R_{14} = 99$   $R_{15} = 89$

LEVEL:OUT WHITE:OUT

### Photometric & Radiometric Parameters

Flux = 479.93 lm Eff. : 88.38 lm/W  $F_e = 1.7581 W$

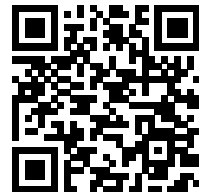
### Electrical parameters

V = 230.1 V I = 0.02744 A P = 5.430 W PF = 0.8599

**Schiefer Professional Lighting**

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

Model placed on the Union market from 23/04/2021 to 28/11/2022



**EPREL registration number:** 658541

<https://eprel.ec.europa.eu/qr/658541>

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

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

**Customer care service:**

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