

# 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:** L641801030

## Type of light source:

|   |     |                                 |                            |
|---|-----|---------------------------------|----------------------------|
| Lighting technology used:                           | LED | Non-directional or directional: | NDLS                       |
| Light source cap-type (or other electric interface) | R7s |                                 |                            |
| 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  | 10                   | Energy efficiency class  | F   |
| 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°) | 900 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   | 10,0                 | 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   | 80  |
| Outer dimensions without separate control gear, light-   | Height               | 23   | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
|  | Width                | 118  |   |
|  | Depth                | 23   |   |
|  |                      |  | 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)    | 0,436<br>0,392 |
| <b>Parameters for LED and OLED light sources:</b>   |      |                                       |                |
| R9 colour rendering index value   | 17   | Survival factor                       | 0,90           |
| the lumen maintenance factor  | 0,93 |                                       |                |
| <b>Parameters for LED and OLED mains light sources:</b>   |      |                                       |                |
| displacement factor (cos $\phi_1$ )   | 0,80 | 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)   | 1,0  | Stroboscopic effect metric (SVM)      | 0,4            |

(a): not applicable;

(b): not applicable;

## SPL Spectrum Test Report

Sample :  
 Specification : L641801030  
 Sample No. : 1  
 Manufacturer :

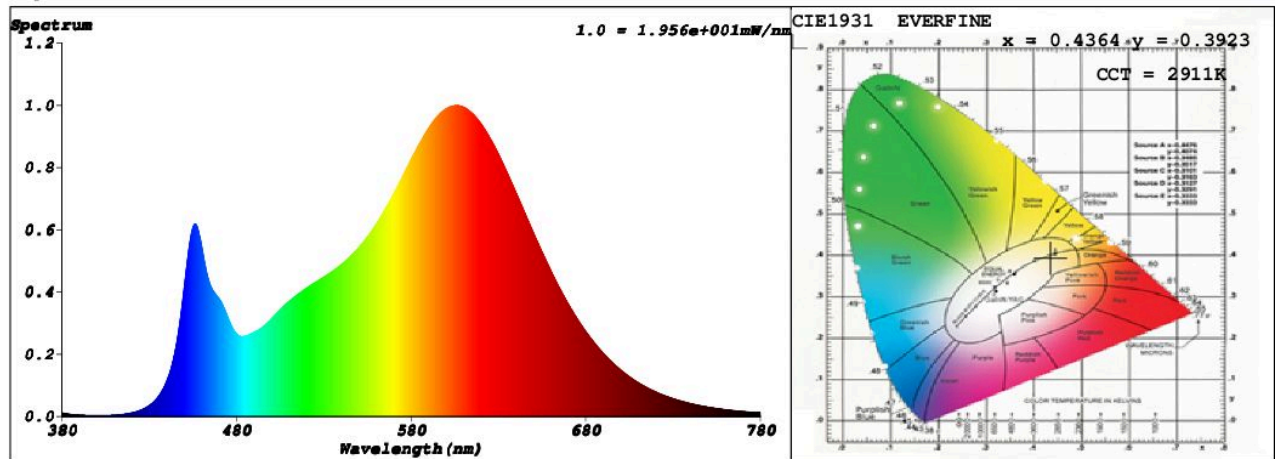
Date : 2021-08-11 15:53:07  
 Sam. Status :  
 Instrument : HaasSuite(EVERFINE)  
 Test by : Renee  
 Assessor : damin

### Test Condition

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

RH : 65.0%  
 IP : 52363 (80%)  
 T : 25 ms  
 Sensitivity : High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4364$   $y = 0.3923$  /  $u' = 0.2554$   $v' = 0.5166$  ( $duv = -4.67e-03$ )  
 CCT= 2911K Prcp WL:  $L_d = 585.0nm$  Purity=48.7%  
 Peak WL:  $L_p = 606nm$  FWHM: =115.2nm Ratio:R=24.3% G=72.5% B=3.2%

Render Index:  $R_a = 84.1$

R1 =85 R2 =97 R3 =90 R4 =81 R5 =86 R6 =94 R7 =79  
 R8 =60 R9 =17 R10=93 R11=81 R12=79 R13=89 R14=95 R15=78  
 LEVEL:OUT WHITE:ANSI\_3000K

### Photometric & Radiometric Parameters

Flux = 910.66 lm Eff. : 155.29 lm/W Fe = 2.8658 W

### Electrical parameters

V = 229.8 V I = 0.02821 A P = 5.864 W PF = 0.9046

**Schiefer Professional Lighting**

www.spl-lighting.com