

# 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:** L229333230-1

## 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   |
|--|----------------------|--|---|
| <b>General product parameters:</b>   |                      |  |   |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer  | 3                    | Energy efficiency class  | E   |
| 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°) | 390 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   | 3,0                  | 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   | 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 |
|  | Width                | 27   |   |
|  | Depth                | 27   |   |
|  |                      |  | See image in last page  |

|   |      |                                       |                |
|---|------|---------------------------------------|----------------|
| 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)    | 0,444<br>0,400 |
| <b>Parameters for LED and OLED light sources:</b>   |      |                                       |                |
| R9 colour rendering index value   | 4    | Survival factor                       | 0,90           |
| the lumen maintenance factor  | 0,93 |                                       |                |
| <b>Parameters for LED and OLED mains light sources:</b>   |      |                                       |                |
| displacement factor (cos $\phi_1$ )   | 0,50 | 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;

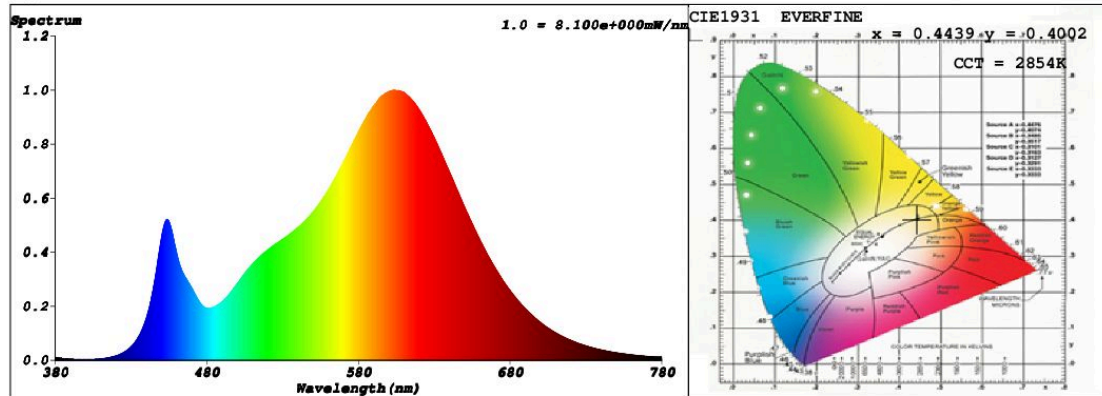
## SPL Spectrum Test Report

|               |                |             |                       |
|---------------|----------------|-------------|-----------------------|
| Sample        | :              | Date        | : 2017-11-01 11:03:20 |
| Specification | : L229333230-1 | Sam. Status | :                     |
| Sample No.    | : L229333230-1 | Instrument  | : HaasSuite(EVERFINE) |
| Manufacturer  | :              | Test by     | :                     |
|               |                | Assessor    | : damin               |

### Test Condition

|             |               |             |               |
|-------------|---------------|-------------|---------------|
| Temperature | : 25.3Deg     | RH          | : 65.0%       |
| WL Range    | : 380nm-780nm | IP          | : 45972 (70%) |
| Test Mode   | : Fast Test   | T           | : 46 ms       |
|             |               | Sensitivity | : High        |

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4439$   $y = 0.4002$  /  $u' = 0.2568$   $v' = 0.5209$  ( $duv = -2.40e-03$ )

CCT= 2854K Prcp WL:  $L_d = 584.3 \text{ nm}$  Purity=53.4%

Peak WL:  $L_p = 603 \text{ nm}$  FWHM:  $= 113.9 \text{ nm}$  Ratio: R=24.0% G=73.4% B=2.6%

Render Index:  $R_a = 81.7$

R1 =81 R2 =93 R3 =93 R4 =79 R5 =81 R6 =92 R7 =80

R8 =55 R9 =4 R10=84 R11=78 R12=75 R13=84 R14=97 R15=73

LEVEL:OUT WHITE:ANSI\_2700K

### Photometric & Radiometric Parameters

Flux = 376.78 lm Eff. : 123.72 lm/W  $F_e = 1.1512 \text{ W}$

### Electrical parameters

V = 230.0 V I = 0.03066 A P = 3.046 W PF = 0.4319

**Schiefer Professional Lighting**

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