

# 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:** Sales, Potterbakkerstraat 35, 4871EP Etten-Leur Noord Brabant, NL

**Model identifier:** L223864830

## 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  | 7                    | 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°) | 640 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   | 7,0                  | 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   | Height               | 108  | Spectral power distribution in the |
|  | Width                | 38   |                                    |
|  | Depth                | 38   |                                    |
|  |                      |  | See image in last page             |

|   |      |                                       |       |
|---|------|---------------------------------------|-------|
| separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)                       |      | range 250 nm to 800 nm, at full-load  |       |
| Claim of equivalent power <sup>(a)</sup>  | -    | If yes, equivalent power (W)          | -     |
|   |      | Chromaticity coordinates (x and y)    | 0,444 |
| <b>Parameters for LED and OLED light sources:</b>   |      |                                       |       |
| R9 colour rendering index value   | 6    | Survival factor                       | 0,90  |
| the lumen maintenance factor  | 0,90 |                                       |       |
| <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)   | 0,3  | Stroboscopic effect metric (SVM)      | 0,3   |

(a): not applicable;

(b): not applicable;

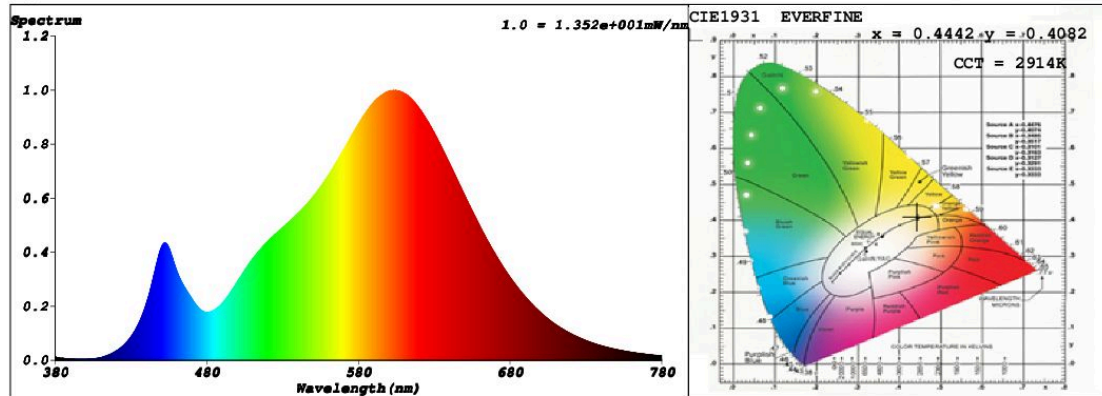
## SPL Spectrum Test Report

|               |                |             |                       |
|---------------|----------------|-------------|-----------------------|
| Sample        | :              | Date        | : 2018-11-30 13:18:18 |
| Specification | : L223864830   | Sam. Status | :                     |
| Sample No.    | : L223864830 1 | Instrument  | : HaasSuite(EVERFINE) |
| Manufacturer  | : Tenia        | Test by     | :                     |
|               |                | Assessor    | : damin               |

### Test Condition

|             |               |             |               |
|-------------|---------------|-------------|---------------|
| Temperature | : 25.3Deg     | RH          | : 65.0%       |
| WL Range    | : 380nm-780nm | IP          | : 47285 (72%) |
| Test Mode   | : Fast Test   | T           | : 30 ms       |
|             |               | Sensitivity | : High        |

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4442$   $y = 0.4082$  /  $u' = 0.2535$   $v' = 0.5241$  ( $duv=6.72e-04$ )

CCT= 2914K Prcp WL:  $L_d=583.0nm$  Purity=55.9%

Peak WL:  $L_p=605nm$  FWHM:  $=128.3nm$  Ratio:R=23.3% G=74.4% B=2.4%

Render Index:  $R_a = 81.8$

R1 =80 R2 =90 R3 =97 R4 =79 R5 =80 R6 =88 R7 =83

R8 =58 R9 =6 R10=77 R11=78 R12=70 R13=82 R14=99 R15=73

LEVEL:OUT WHITE:ANSI\_3000K

### Photometric & Radiometric Parameters

Flux = 658.58 lm Eff. : 85.79 lm/W  $F_e = 2.0243 W$

### Electrical parameters

V = 230.0 V I = 0.06557 A P = 7.676 W PF = 0.5091

**Schiefer Professional Lighting**

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