

# 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:** L641801230

## 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  | 13                     | 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°) | 1 520 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   | 12,5                   | 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   | Height                 | Spectral power distribution in the   | See image in last page |
|  | Width                  |  |                        |

|   |       |      |                                       |       |
|---|-------|------|---------------------------------------|-------|
| without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)               | Depth | 29   | 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)    | 0,445 |
| <b>Parameters for LED and OLED light sources:</b>   |       |      |                                       |       |
| R9 colour rendering index value   |       | 3    | Survival factor                       | 0,90  |
| the lumen maintenance factor  |       | 0,93 |                                       |       |
| <b>Parameters for LED and OLED mains light sources:</b>   |       |      |                                       |       |
| displacement factor (cos $\phi_1$ )   |       | 0,90 | 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)   |       | 1,0  | Stroboscopic effect metric (SVM)      | 0,4   |

(a)-: not applicable;

(b)-: not applicable;

## SPL Spectrum Test Report

Sample :  
 Specification : L641801230  
 Sample No. : 1  
 Manufacturer :

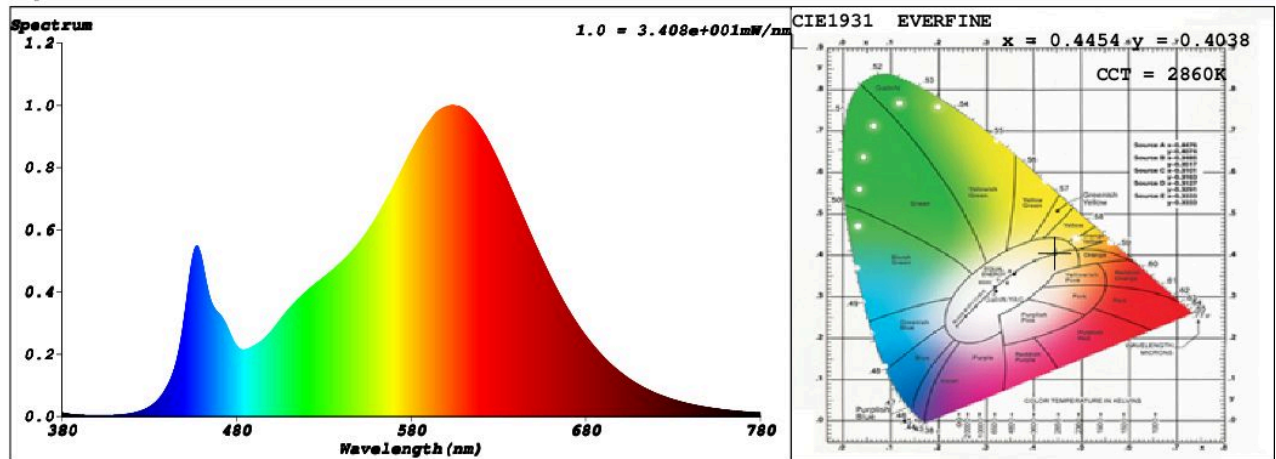
Date : 2021-08-12 08:38:24  
 Sam. Status :  
 Instrument : HaasSuite(EVERFINE)  
 Test by : Renee  
 Assessor : damin

### Test Condition

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

RH : 65.0%  
 IP : 51048 (78%)  
 T : 14 ms  
 Sensitivity : High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4454$   $y = 0.4038$  /  $u' = 0.2562$   $v' = 0.5225$  ( $duv = -1.17e-03$ )  
 CCT= 2860K Prcp WL:  $L_d = 583.8nm$  Purity=54.9%  
 Peak WL:  $L_p = 604nm$  FWHM: =114.8nm Ratio:R=23.9% G=73.4% B=2.8%

Render Index:  $R_a = 81.3$

R1 =81 R2 =93 R3 =92 R4 =77 R5 =81 R6 =92 R7 =79  
 R8 =55 R9 =3 R10=85 R11=76 R12=72 R13=84 R14=97 R15=73  
 LEVEL:OUT WHITE:ANSI\_2700K

### Photometric & Radiometric Parameters

Flux = 1592.3 lm Eff. : 209.75 lm/W Fe = 4.8429 W

### Electrical parameters

V = 229.8 V I = 0.03473 A P = 7.591 W PF = 0.9511

**Schiefer Professional Lighting**

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