

# 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:** L419950027-1

## Type of light source:

|                                                     |      |                                 |      |
|-----------------------------------------------------|------|---------------------------------|------|
| Lighting technology used:                           | LED  | Non-directional or directional: | NDLS |
| Light source cap-type (or other electric interface) | S14s |                                 |      |
| 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

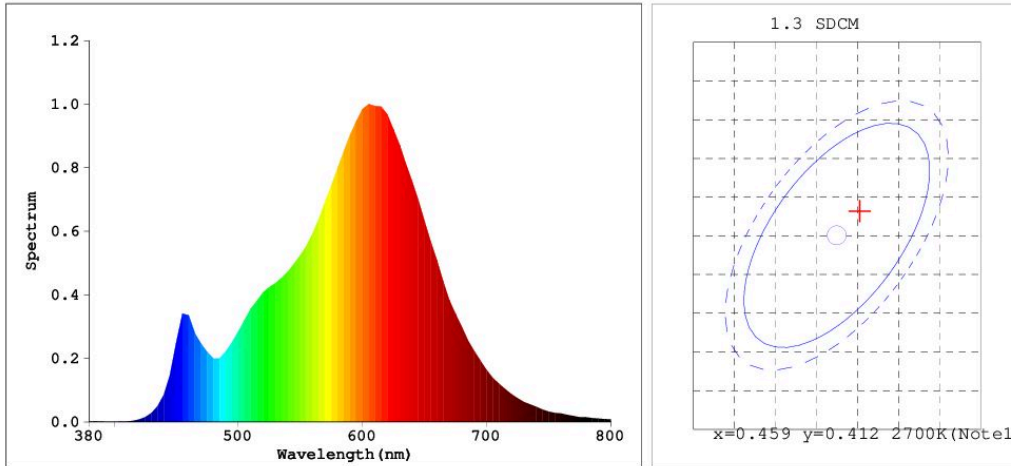
| Parameter                                                                                                                                      | Value                | Parameter                                                                                                                                                  | Value                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| <b>General product parameters:</b>                                                                                                             |                      |                                                                                                                                                            |                                                                         |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer                                                                  | 7                    | Energy efficiency class                                                                                                                                    | G                                                                       |
| 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°) | 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 | 2 700                                                                   |
| 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 separate control gear, lighting control                                                                               | Height               | 47                                                                                                                                                         | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
|                                                                                                                                                | Width                | 300                                                                                                                                                        |                                                                         |
|                                                                                                                                                | Depth                | 30                                                                                                                                                         |                                                                         |
|                                                                                                                                                |                      |                                                                                                                                                            | 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)    | 0,461<br>0,416 |
| <b>Parameters for LED and OLED light sources:</b>                                                                       |      |                                       |                |
| R9 colour rendering index value                                                                                         | 14   | Survival factor                       | 0,90           |
| the lumen maintenance factor                                                                                            | 0,70 |                                       |                |
| <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)                                                                                                 | 1,0  | Stroboscopic effect metric (SVM)      | 0,4            |

(a)-: not applicable;

(b)-: not applicable;

**Light Source Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4614$   $y=0.4145$   
 Chromaticity Coordinate:  $u'=0.2617$   $v'=0.5291$  ( $duv=1.29e-03$ )  
 Tc=2709K Dominant WL:Ld=583.8nm Purity=62.9% Centroid WL:597.0nm  
 Ratio:R=27.3% G=70.5% B=2.2% Peak WL:Lp=605.0nm HWL:115.4nm  
 Render Index:Ra=84.4  
 R1 =84 R2 =94 R3 =94 R4 =82 R5 =84 R6 =95 R7 =82  
 R8 =60 R9 =14 R10=87 R11=83 R12=78 R13=87 R14=97 R15=75

**Photo Parameters:**

Flux: 591.43 lm Fe: 1.8344 W Efficacy:93.85 lm/W  
 WHITE:ANSI\_2700K

**Electrical Parameters:**

Luminaire: U=230.6V I=0.05087A P=6.302W PF=0.5372

*Instrument Status:*

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=17634 (G=5,D=48)  
 REF=51952 (R=3) %=-0.304% PMT: 19.4 centigrade [150.0]

Product Type:S14s 300mm 无频闪 Ra80 Manufacturer:LUMARTEC  
 Number:6 Test Department:LUMARTEC  
 Temperature:25.3 deg Humidity:65.0%  
 Test Operator:DAMIN Test Date:2020-12-18 11:05:36  
 Software:V3.00.133 Instrument:PMS-80\_V1 (SN:G107113CD1321125)