

# 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:** L149216005

## Type of light source:

|   |     |                                 |                            |
|---|-----|---------------------------------|----------------------------|
| Lighting technology used:                           | LED | Non-directional or directional: | NDLS                       |
| Light source cap-type (or other electric interface) | E14 |                                 |                            |
| 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:

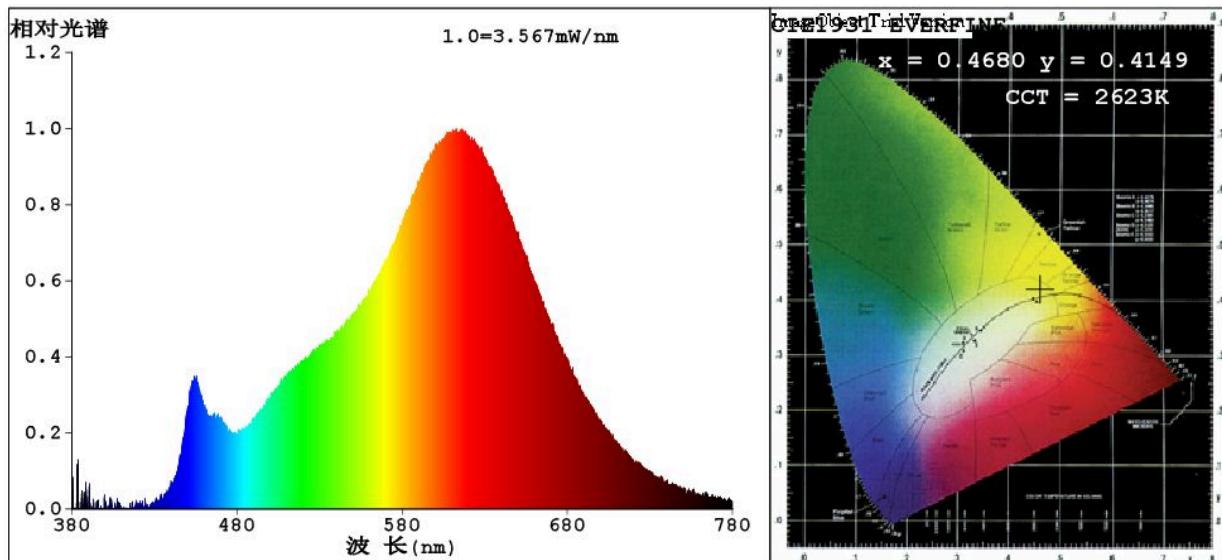
|  |                      |  |   |
|--|----------------------|--|---|
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer  | 2                    | Energy efficiency class  | G   |
| Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 140 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 | 2 500   |
| On-mode power ( $P_{on}$ ), expressed in W   | 2,0                  | 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               | 100  | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
|  | Width                | 35   |   |
|  | Depth                | 35   |   |
|  |                      |  | 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)    | 0,468<br>0,415 |
| <b>Parameters for LED and OLED light sources:</b>   |      |                                       |                |
| R9 colour rendering index value   | 32   | Survival factor                       | 0,96           |
| the lumen maintenance factor  | 0,96 |                                       |                |
| <b>Parameters for LED and OLED mains light sources:</b>   |      |                                       |                |
| displacement factor (cos $\phi_1$ )   | 0,85 | 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)   | 0,1  | Stroboscopic effect metric (SVM)      | 0,3            |

(a): not applicable;

(b): not applicable;

## 光源光谱测试报告



### 颜色参数:

色品坐标:  $x=0.4680$   $y=0.4149$  /  $u'=0.2658$   $v'=0.5302$

相关色温:  $CCT=2623K$  (色差  $Duv=0.0009$ ) 主波长:  $\lambda_d=584.3nm$  色纯度:  $Purity=65.0\%$

色比:  $R=26.7\%$   $G=70.8\%$   $B=2.5\%$  峰值波长:  $\lambda_p=612.8nm$  半峰带宽:  $FWHM=121.1nm$

显色指数:  $Ra=88.0$

$R1 = 88$     $R2 = 97$     $R3 = 94$     $R4 = 87$     $R5 = 89$     $R6 = 97$     $R7 = 85$

$R8 = 67$     $R9 = 32$     $R10=93$     $R11=89$     $R12=83$     $R13=91$     $R14=98$     $R15=81$

### 光度参数:

光通量  $\Phi = 157.5$  lm   光效:  $85.71$  lm/W   辐射通量  $\Phi_e = 519.9$  mW

### 电参数:

电压  $V = 230.41$  V   电流  $I = 0.008511$  A   功率  $P = 1.838$  W   功率因数  $PF = 0.9370$

分级: OUT   白光分类: ANSI\_2700K

仪器状态: 积分时间  $T = 5000$  ms    $I_p = 20039$  (31%)

产品型号: L149216005

测试人员:

环境温度:  $25.3^{\circ}C$

制造厂商:

产品编号: 1

测试日期: 2021-01-02

环境湿度:  $65.0\%$

备注: