

# 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:** LF023925002

## Type of light source:

|                                                     |     |                                 |                            |
|-----------------------------------------------------|-----|---------------------------------|----------------------------|
| Lighting technology used:                           | LED | Non-directional or directional: | NDLS                       |
| Light source cap-type (or other electric interface) | E27 |                                 |                            |
| 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

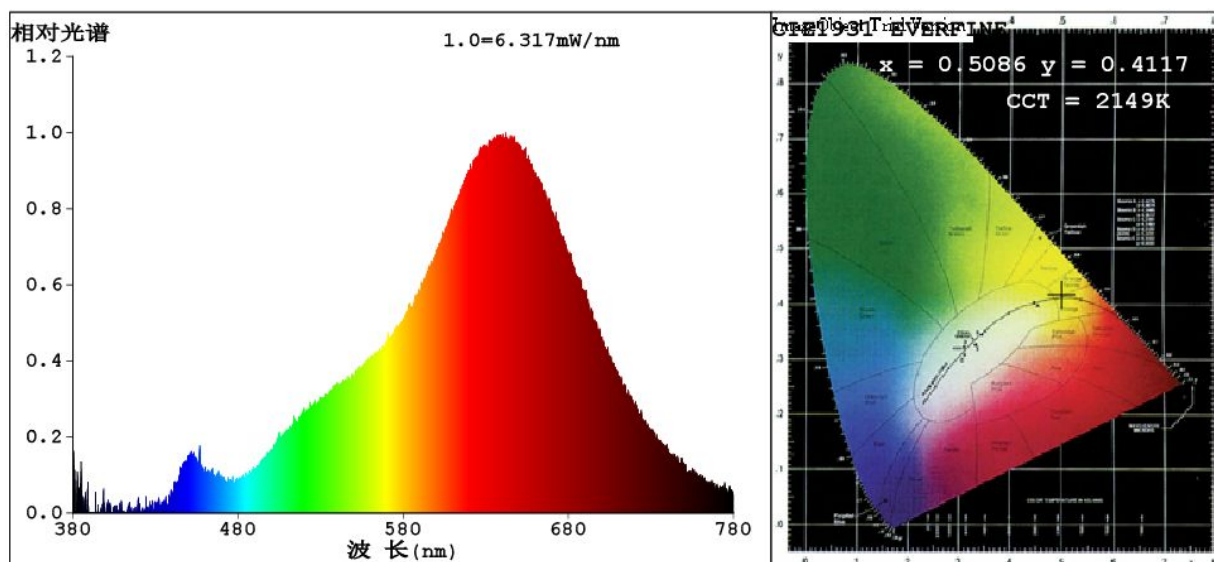
| Parameter                                                                                                                                             |        | Value                | Parameter                                                                                                                                                  | Value                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| General product parameters:                                                                                                                           |        |                      |                                                                                                                                                            |                        |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer                                                                         |        | 4                    | Energy efficiency class                                                                                                                                    | G                      |
| Useful luminous flux ( $\phi_{\text{use}}$ ), 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 | 2 200                  |
| On-mode power ( $P_{\text{on}}$ ), expressed in W                                                                                                     |        | 4,0                  | Standby power ( $P_{\text{sb}}$ ), expressed in W and rounded to the second decimal                                                                        | 0,00                   |
| Networked standby power ( $P_{\text{net}}$ ) 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                                                         | 93                     |
| Outer dimensions without separate control gear, light-                                                                                                | Height | 180                  | Spectral power distribution in the range 250 nm to 800 nm, at full-load                                                                                    | See image in last page |
|                                                                                                                                                       | Width  | 125                  |                                                                                                                                                            |                        |
|                                                                                                                                                       | Depth  | 125                  |                                                                                                                                                            |                        |

|                                                                                                                         |      |                                       |                |  |
|-------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------|----------------|--|
| 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)    | 0,509<br>0,412 |  |
| <b>Parameters for LED and OLED light sources:</b>                                                                       |      |                                       |                |  |
| R9 colour rendering index value                                                                                         | 84   | 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:  $x=0.5086$   $y=0.4117$  /  $u'=0.2938$   $v'=0.5352$

相关色温:  $CCT=2149K$  (色差  $Duv=-0.0011$ ) 主波长:  $\lambda_d=588.0nm$  色纯度:  $Purity=76.2\%$

色比:  $R=33.1\%$   $G=65.3\%$   $B=1.6\%$  峰值波长:  $\lambda_p=642.1nm$  半峰带宽:  $FWHM=118.0nm$

显色指数:  $Ra=97.0$

$R1=100$   $R2=99$   $R3=98$   $R4=98$   $R5=99$   $R6=95$   $R7=95$

$R8=92$   $R9=84$   $R10=99$   $R11=93$   $R12=93$   $R13=99$   $R14=97$   $R15=96$

## 光度参数:

光通量  $\Phi = 209.7$  lm 光效:  $57.09$  lm/W 辐射通量  $\Phi_e = 903.4$  mW

## 电参数:

电压  $V = 230.43$  V 电流  $I = 0.01785$  A 功率  $P = 3.673$  W 功率因数  $PF = 0.8932$

分级: OUT 白光分类: OUT

仪器状态: 积分时间  $T = 3206$  ms  $I_p = 20763$  (32%)

产品型号: LF023925002

测试人员: QIU

环境温度:  $25.3^{\circ}C$

制造厂商:

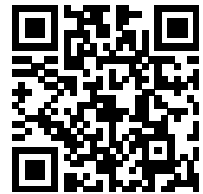
产品编号: 4

测试日期: 2021-05-07

环境湿度: 65.0%

备注:

Model placed on the Union market from 25/03/2021



**EPREL registration number:** 600726

<https://eprel.ec.europa.eu/qr/600726>

**Supplier:** Schiefer Signaal Speciaallampen B.V. (Importer)

**Website:** [www.schiefer.nl](http://www.schiefer.nl)

**Customer care service:**

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