# 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:** LF023800988

**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 | 6 | Energy efficiency class | F |
| Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º) | 550 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 | 6,0 | 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 | 93 |
| Outer dimensions without separate control gear, light- | Height | 215 | Spectral power distribution in the range 250 nm to 800 nm, at full-load | See image in last page |
| | Width | 160 | | |
| | Depth | 160 | | |

| | | | | |
|---|---|---|---|---|
| ing control parts and non-lighting control parts, if any (millimetre) | | | | |
| Claim of equivalent power[a] | | - | If yes, equivalent power (W) | - |
| | | | Chromaticity coordinates (x and y) | 0,482<br>0,423 |
| **Parameters for LED and OLED light sources:** | | | | |
| R9 colour rendering index value | | 65 | Survival factor | 0,96 |
| the lumen maintenance factor | | 0,96 | | |
| **Parameters for LED and OLED mains light sources:** | | | | |
| displacement factor (cos ϕ1) | | 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;

EVERFINE

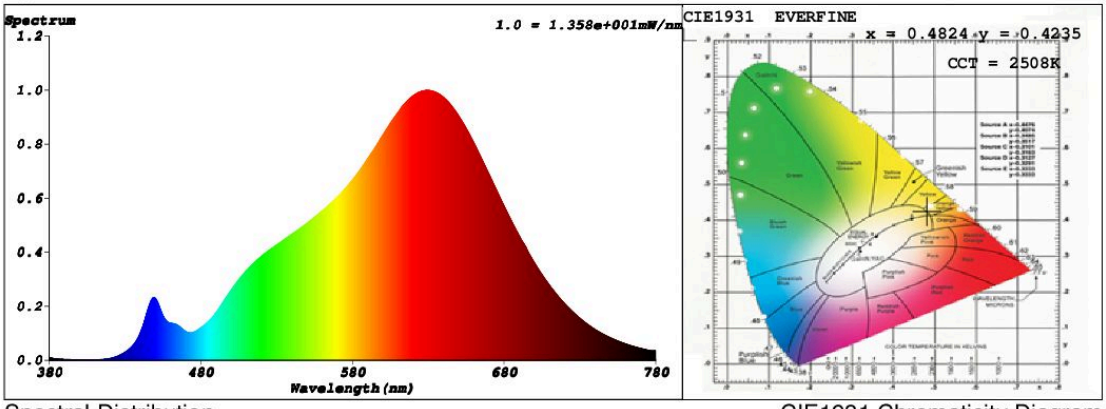
# SPL Spectrum Test Report

| | | | |
|---|---|---|---|
| Sample | : | Date | : 2019-11-01 11:25:18 |
| Specification | : | Sam. Status | : |
| Sample No. | : LF023800988-2 | Instrument | : HaasSuite(EVERFINE) |
| Manufacturer | : | Test by | : Schiefer |
| | | Assessor | : damin |

## Test Condition

| | | | |
|---|---|---|---|
| Temprature | : 25.3Deg | RH | : 65.0% |
| WL Range | : 380nm-780nm | IP | : 55641 (85%) |
| Test Mode | : Fast Test | T | : 36 ms |
| | | Sensitivity | : High |

## Spectrum




Spectral Distribution CIE1931 Chromaticity Diagram

## Colorimetric Parameters

Chromaticity Coordinate: x = 0.4824 y = 0.4235 / u' = 0.2711 v' = 0.5355 (duv=3.13e-03)

CCT= 2508K Prcp WL: Ld=584.3nm Purity=71.9%

Peak WL: Lp=630nm FWHM: =138.4nm Ratio:R=28.2% G=70.0% B=1.9%

Render Index: Ra = 94.0

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| R1 =94 | R2 =96 | R3 =96 | R4 =96 | R5 =94 | R6 =96 | R7 =94 | |
| R8 =85 | R9 =65 | R10=89 | R11=99 | R12=86 | R13=94 | R14=97 | R15=89 |

LEVEL:OUT WHITE:OUT

## Photometric & Radiometric Parameters

Flux = 573.58 lm Eff. : 92.58 lm/W Fe = 2.0864 W

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## Electrical parameters

V = 234.8 V I = 0.03396 A P = 6.195 W PF = 0.7769

**Schiefer Professional Lighting**

www.spl-lighting.com