# 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:** LF024070302

**Type of light source:**

| | | | |
|---|---|---|---|
| Lighting technology used: | LED | Non-directional or directional: | NDLS |
| Light source cap-type (or other electric interface) | Ba22d | | |
| 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 (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º) | 320 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 | 4,0 | 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: 105 | Spectral power distribution in the range 250 nm to 800 nm, at full-load | See image in last page |
| | Width: 60 | | |
| | Depth: 60 | | |

| | | | | |
|---|---|---|---|---|
| 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) | 0,479<br>0,411 |
| **Parameters for LED and OLED light sources:** | | | | |
| R9 colour rendering index value | | 62 | Survival factor | 0,96 |
| the lumen maintenance factor | | 0,96 | | |
| **Parameters for LED and OLED mains light sources:** | | | | |
| displacement factor (cos ϕ1) | | 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) | | 0,1 | Stroboscopic effect metric (SVM) | 0,3 |

[a] '-' : not applicable;

[b] '-' : not applicable;

EVERFINE

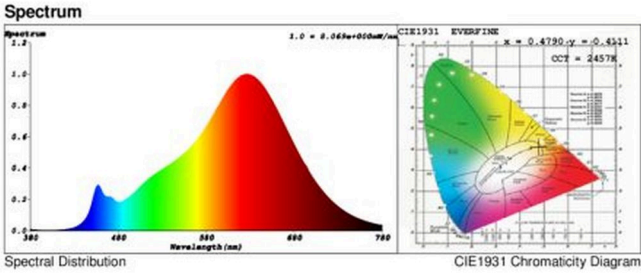
# SPL Spectrum Test Report

| | | | |
|---|---|---|---|
| Sample | : | Date | : 2020-08-19 13:32:08 |
| Specification | : LF024070302 | Sam. Status | : |
| Sample No. | : LF024070302 | Instrument | : HaasSuite(EVERFINE) |
| Manufacturer | : | Test by | : Schiefer |
| | | Assessor | : damin |

## Test Condition

| | | | |
|---|---|---|---|
| Temprature | : 25.3Deg | RH | : 65.0% |
| WL Range | : 380nm-780nm | IP | : 54116 (83%) |
| Test Mode | : Fast Test | T | : 60 ms |
| | | Sensitivity | : High |

## Spectrum




Spectral Distribution CIE1931 Chromaticity Diagram

## Colorimetric Parameters

Chromaticity Coordinate: x = 0.4790 y = 0.4111 / u' = 0.2747 v' = 0.5305 (duv=-9.71e-04)
CCT= 2457K Prcp WL: Ld=585.8nm Purity=67.2%
Peak WL: Lp=626nm FWHM: =128.7nm Ratio:R=29.0% G=68.6% B=2.4%

Render Index: Ra = 93.3

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| R1 =95 | R2 =100 | R3 =96 | R4 =94 | R5 =96 | R6 =95 | R7 =89 | |
| R8 =80 | R9 =62 | R10=99 | R11=97 | R12=88 | R13=97 | R14=99 | R15=90 |

LEVEL:OUT WHITE:OUT

## Photometric & Radiometric Parameters

Flux = 333.45 lm Eff. : 86.73 lm/W Fe = 1.2332 W

## Electrical parameters

V = 229.8 V I = 0.02095 A P = 3.845 W PF = 0.7989

**Schiefer Professional Lighting**
www.spl-lighting.com

Model placed on the Union market from 23/06/2021

**EPREL registration number:** 831898 https://eprel.ec.europa.eu/qr/831898

**Supplier:** Schiefer Signaal Speciaallampen B.V. (Importer) **Website:** www.schiefer.nl

**Customer care service:**

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