

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: Sales, Potterbakkerstraat 35, 4871EP Etten-Leur Noord Brabant, NL

Model identifier: LF023801502

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 | 2 | Energy efficiency class | F |
| Useful luminous flux (ϕ_{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 | 1,5 | 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 | Height | Spectral power distribution in the | See image in last page |
| | Width | | |
| | | | 45 |

| | | | | |
|---|-------|------|---------------------------------------|-------|
| without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre) | Depth | 45 | range 250 nm to 800 nm, at full-load | |
| Claim of equivalent power ^(a) | | - | If yes, equivalent power (W) | - |
| | | | Chromaticity coordinates (x and y) | 0,476 |
| 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 ϕ_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;

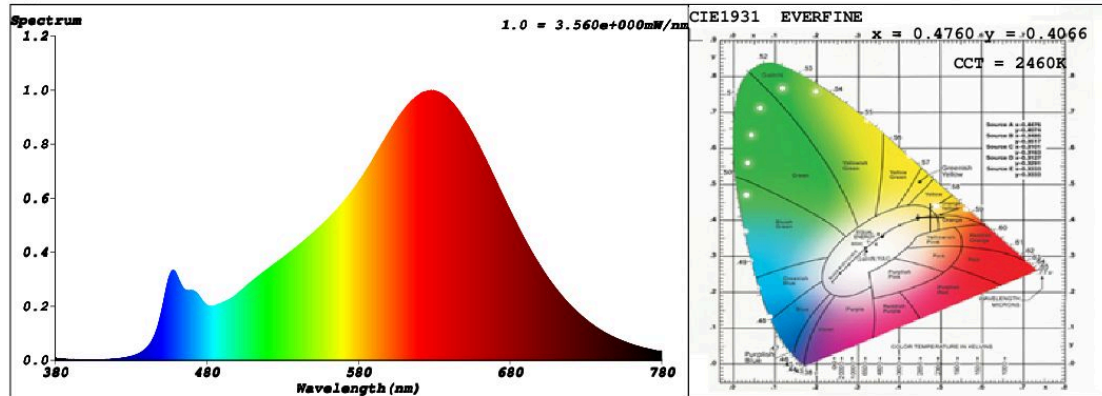
SPL Spectrum Test Report

| | | | |
|---------------|-----------------|-------------|-----------------------|
| Sample | : | Date | : 2018-10-15 09:17:05 |
| Specification | : LF023801502 | Sam. Status | : |
| Sample No. | : LF023801502 1 | Instrument | : HaasSuite(EVERFINE) |
| Manufacturer | : SPL | Test by | : |
| | | Assessor | : damin |

Test Condition

| | | | |
|-------------|---------------|-------------|---------------|
| Temperature | : 25.3Deg | RH | : 65.0% |
| WL Range | : 380nm-780nm | IP | : 52603 (80%) |
| Test Mode | : Fast Test | T | : 127 ms |
| | | Sensitivity | : High |

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4760$ $y = 0.4066$ / $u' = 0.2749$ $v' = 0.5282$ ($duv = -2.44e-03$)

CCT= 2460K Prcp WL: Ld=586.3nm Purity=64.9%

Peak WL: Lp=630nm FWHM: =129.4nm Ratio:R=29.1% G=68.3% B=2.6%

Render Index: Ra = 92.9

R1 =96 R2 =99 R3 =95 R4 =93 R5 =96 R6 =94 R7 =89

R8 =81 R9 =65 R10=99 R11=95 R12=85 R13=98 R14=99 R15=91

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 145.88 lm Eff. : 72.78 lm/W Fe = 544.33 mW

Electrical parameters

V = 240.0 V I = 0.009744 A P = 2.004 W PF = 0.8570

Schiefer Professional Lighting

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