

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: L024372430-1

Type of light source:

| | | | |
|---|-------|---------------------------------|------|
| Lighting technology used: | LED | Non-directional or directional: | NDLS |
| Light source cap-type (or other electric interface) | Ba15d | | |
| Mains or non-mains: | NMLS | Connected light source (CLS): | No |
| Colour-tuneable light source: | No | Envelope: | - |
| High luminance light source: | No | | |
| Anti-glare shield: | No | Dimmable: | No |

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°) | 200 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 | 3 000 |
| 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, lighting control | Height | 47 | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
| | Width | 17 | |
| | Depth | 17 | |
| | | | See image in last page |

| | | | |
|---|------|------------------------------------|----------------|
| parts and non-lighting control parts, if any (millimetre) | | | |
| Claim of equivalent power ^(a) | - | If yes, equivalent power (W) | - |
| | | Chromaticity coordinates (x and y) | 0,439 0,404 |
| Parameters for LED and OLED light sources: | | | |
| R9 colour rendering index value | 9 | Survival factor | 0,90 |
| the lumen maintenance factor | 0,93 | | |

(a) : not applicable;

(b) : not applicable;

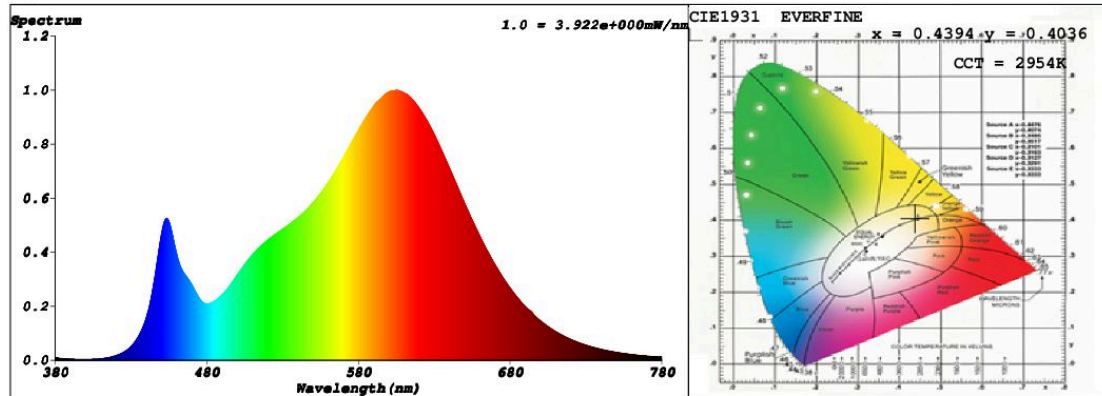
SPL Spectrum Test Report

| | | | |
|---------------|-------------------|-------------|-----------------------|
| Sample | : | Date | : 2021-03-17 15:05:53 |
| Specification | : L024372430-1 | Sam. Status | : |
| Sample No. | : L024372430-1 01 | Instrument | : HaasSuite(EVERFINE) |
| Manufacturer | : | Test by | : Schiefer |
| | | Assessor | : damin |

Test Condition

| | | | |
|-------------|---------------|-------------|---------------|
| Temperature | : 25.3Deg | RH | : 65.0% |
| WL Range | : 380nm-780nm | IP | : 49629 (76%) |
| Test Mode | : Fast Test | T | : 112 ms |
| | | Sensitivity | : High |

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4394$ $y = 0.4036$ / $u' = 0.2524$ $v' = 0.5216$ ($duv = -5.32e-04$)

CCT= 2954K Prcp WL: Ld=583.2nm Purity=53.0%

Peak WL: Lp=605nm FWHM: =123.4nm Ratio:R=23.4% G=73.9% B=2.7%

Render Index: Ra = 83.2

R1 =82 R2 =93 R3 =95 R4 =81 R5 =83 R6 =92 R7 =82

R8 =59 R9 =9 R10=84 R11=80 R12=74 R13=85 R14=98 R15=75

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 188.44 lm Eff. : 115.65 lm/W Fe = 574.81 mW

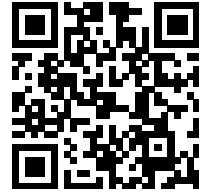
Electrical parameters

V = 12.03 V I = 0.1958 A P = 1.629 W PF = 0.6917

Schiefer Professional Lighting

www.spl-lighting.com

Model placed on the Union market from 01/09/2021



EPREL registration number: 801391

<https://eprel.ec.europa.eu/qr/801391>

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

Website: www.schiefer.nl

Customer care service:

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