

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: L229334030

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: | 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 | 3 | Energy efficiency class | E |
| 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°) | 400 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 | 3,0 | 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 | 82 |
| Outer dimensions without separate control gear, lighting control | Height | 58 | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
| | Width | 27 | |
| | Depth | 27 | |
| | | | 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) | 0,441 0,401 |
| Parameters for LED and OLED light sources: | | | |
| R9 colour rendering index value | 10 | Survival factor | 0,90 |
| the lumen maintenance factor | 0,93 | | |

(a) : not applicable;

(b) : not applicable;

SPL Spectrum Test Report

Sample : 1-1
 Specification : L229334030
 Sample No. : L229334030 1
 Manufacturer :

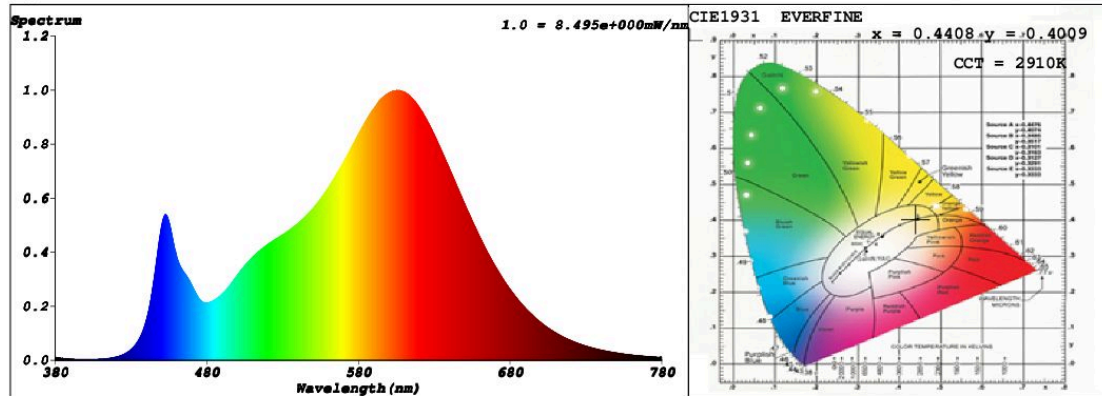
Date : 2017-11-06 09:56:19
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by :
 Assessor : damin

Test Condition

Temperature : 25.3Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test

RH : 65.0%
 IP : 54481 (83%)
 T : 52 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4408$ $y = 0.4009$ / $u' = 0.2545$ $v' = 0.5207$ ($duv = -1.78e-03$)

CCT= 2910K Prcp WL: $L_d = 583.8\text{nm}$ Purity=52.6%

Peak WL: $L_p = 605\text{nm}$ FWHM: =118.0nm Ratio:R=23.9% G=73.3% B=2.8%

Render Index: $R_a = 83.4$

R1 =83 R2 =94 R3 =94 R4 =81 R5 =84 R6 =93 R7 =81

R8 =58 R9 =10 R10=86 R11=81 R12=76 R13=86 R14=97 R15=75

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 400.28 lm Eff. : 122.69 lm/W $F_e = 1.2271$ W

Electrical parameters

V = 30.07 V I = 0.1846 A P = 3.262 W PF = 0.5875

Schiefer Professional Lighting

www.professional-lighting.eu