

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: L276040630

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: | 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 | 7 | Energy efficiency class | G |
| 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°) | 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 | 3 000 |
| On-mode power (P_{on}), expressed in W | 7,0 | 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 | Height | 110 | Spectral power distribution in the |
| | Width | 60 | |
| | Depth | 60 | |
| | | | See image in last page |

| | | | |
|---|------|--------------------------------------|-------|
| separate control gear, lighting control parts and non-lighting control parts, if any (millimetre) | | range 250 nm to 800 nm, at full-load | |
| Claim of equivalent power ^(a) | - | If yes, equivalent power (W) | - |
| | | Chromaticity coordinates (x and y) | 0,437 |
| 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 : 5-5
 Specification :
 Sample No. : L276040630-2
 Manufacturer :

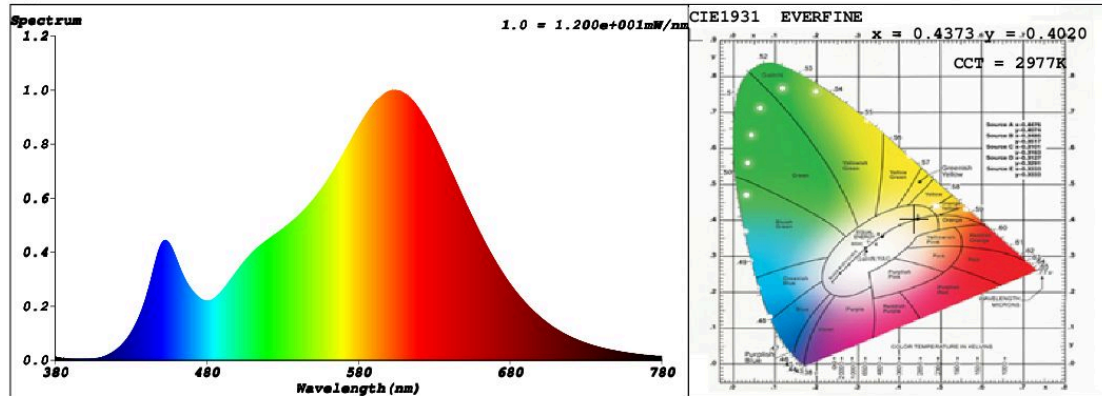
Date : 2019-01-03 13:27:25
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by :
 Assessor : damin

Test Condition

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

RH : 65.0%
 IP : 51731 (79%)
 T : 37 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4373$ $y = 0.4020$ / $u' = 0.2517$ $v' = 0.5206$ ($duv = -8.88e-04$)

CCT= 2977K Prcp WL: Ld=583.2nm Purity=51.9%

Peak WL: Lp=603nm FWHM: =124.7nm Ratio:R=23.2% G=74.0% B=2.8%

Render Index: Ra = 83.2

R1 =82 R2 =92 R3 =95 R4 =81 R5 =83 R6 =91 R7 =82

R8 =59 R9 =9 R10=83 R11=80 R12=77 R13=84 R14=98 R15=74

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 581.78 lm Eff. : 85.37 lm/W Fe = 1.7932 W

Electrical parameters

V = 12.00 V I = 0.5680 A P = 6.815 W PF = 1.000

Schiefer Professional Lighting

www.professional-lighting.eu