

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: L572204927

Type of light source:

| | | | |
|-----------------------------------------------------|------|---------------------------------|----------------------------|
| Lighting technology used: | LED | Non-directional or directional: | DLS |
| Light source cap-type (or other electric interface) | G53 | | |
| 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: | 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 | 22 | 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°) | 1 420 in Narrow cone (90°) | 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 | 2 700 |
| On-mode power (P_{on}), expressed in W | 22,0 | 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 | 92 |
| Outer dimensions without separate control gear, light- | Height | Spectral power distribution in the range 250 nm to 800 nm, at full-load | See image in last page |
| | Width | | |
| | Depth | | |

| | | | | |
|-----------------------------------------------------------------------|--------|--------------------------------------------------------------------|----------------|--|
| 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) | 0,454 0,412 | |
| Parameters for directional light sources: | | | | |
| Peak luminous intensity (cd) | 40 000 | Beam angle in degrees, or the range of beam angles that can be set | 4 | |
| Parameters for LED and OLED light sources: | | | | |
| R9 colour rendering index value | 56 | Survival factor | 1,00 | |
| the lumen maintenance factor | 0,72 | | | |

(a) '-': not applicable;

(b) '-': not applicable;

Lightsource Test Report

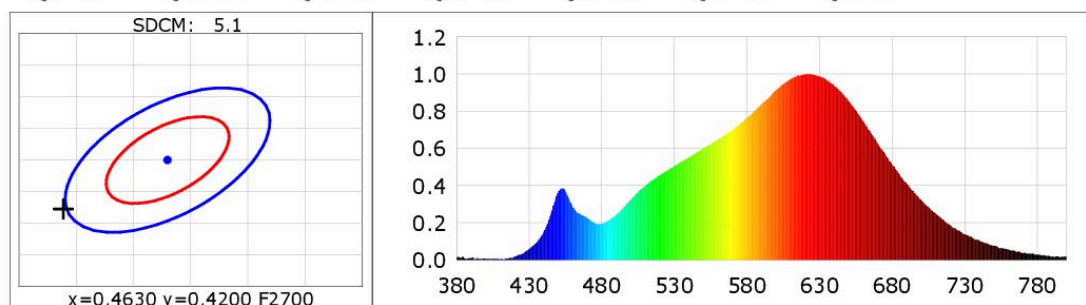
Product Information

Product Spec: L572204927

Product Number: 1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4539$ $y=0.4123$ $u(u')=0.2579$ $v=0.3514$ $v'=0.5271$
 CCT: $T_c=2799K$ ($duv=0.00116$) Color Ratio: $R=0.255$ $G=0.720$ $B=0.025$
 Peak Wavelength: 623.2nm Half Bandwidth: 151.7nm
 Dominant Wavelength: 583.3nm Color Purity: 0.600
 Central Wave: 605.3nm Gravity Wave: 611.2nm
 CRI: $R_a=92.2$ TM30: $R_f=92$, $R_g=98$
 GAI: $GAI_BB_8=93.8$, $GAI_BB_15=99.9$, $GAI_EES=48.4$
 R1 =92 R2 =96 R3 =98 R4 =93 R5 =92 R6 =95 R7 =91 R8 =81
 R9 =56 R10=89 R11=93 R12=82 R13=93 R14=98 R15=88
 Color Quality Scale: $Q_a=91.0$, $Q_f=93.0$, $Q_p=92.4$, $Q_g=94.5$
 Q1 =88 Q2 =95 Q3 =90 Q4 =89 Q5 =91 Q6 =92 Q7 =92 Q8 =93
 Q9 =97 Q10=94 Q11=94 Q12=93 Q13=92 Q14=86 Q15=87



Photometric Parameters

Luminous Flux: 1462.5 lm Efficiency: 64.63 lm/W Radiant Power: 5.061 W
 Total mains efficacy: 64.63 lm/W Energy Efficiency Class: G (EU 2019/2015)

Electric Parameters

Voltage: 229.80V Current: 0.1037A Power: 22.63W
 Power Factor: 0.9500 Frequency: 50.00Hz

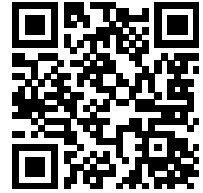
Test Information

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 2 Sec ALC.: 1.0000 Photometric Condition: Sphere diameter: 1.00m, 4T
 Max of Signal: 45019 (3558) CCD Integration Time: 546.64 ms

Condition: $T_x:29.9^{\circ}C$, $T_i:0.0^{\circ}C$, R.H.:60%
 Test Lab:
 Operator:

Test Device: CMS-2S (Plus)
 Test Time:
 Inspector:

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



EPREL registration number: 832720

<https://eprel.ec.europa.eu/qr/832720>

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

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

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