

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: L022453027

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	G4		
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	1	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°)	100 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	2 700
On-mode power (P_{on}), expressed in W	1,0	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, 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)	0,461 0,407	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	8	Survival factor	0,90	
the lumen maintenance factor	0,93			

(a) '-': not applicable;

(b) '-': not applicable;

SPL Spectrum Test Report

Sample :
Specification : L022453027
Sample No. : L022453027 01
Manufacturer :

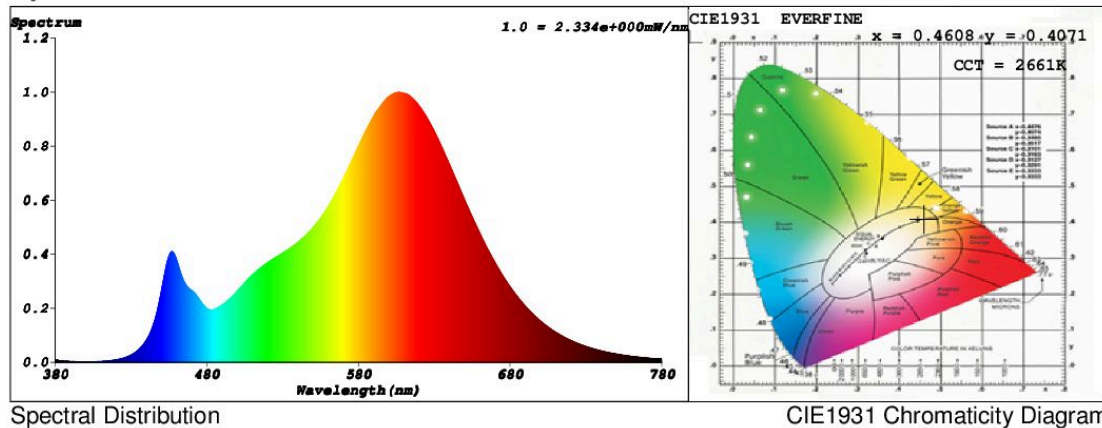
Date : 2020-02-24 16:05:46
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : Schiefer
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 52256 (80%)
T : 197 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4608$ $y = 0.4071$ / $u' = 0.2647$ $v' = 0.5262$ ($duv = -1.35e-03$)

CCT= 2661K Prcp WL: $L_d = 584.8\text{nm}$ Purity=60.5%

Peak WL: $L_p = 607\text{nm}$ FWHM: $=108.2\text{nm}$ Ratio: R=25.7% G=71.7% B=2.6%

Render Index: $R_a = 82.5$

R1 =82 R2 =95 R3 =91 R4 =79 R5 =83 R6 =95 R7 =79

R8 =56 R9 =8 R10 =89 R11 =79 R12 =79 R13 =86 R14 =96 R15 =74

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 103.23 lm Eff. : 127.84 lm/W $F_e = 320.70\text{ mW}$

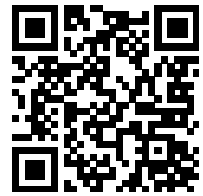
Electrical parameters

V = 12.00 V I = 0.06730 A P = 0.8075 W PF = 1.000

Schiefer Professional Lighting

www.spl-lighting.com

Model placed on the Union market from 26/04/2021



EPREL registration number: 728290

<https://eprel.ec.europa.eu/qr/728290>

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

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

Website: www.schiefer.nl

Email: info@schiefer.nl

Phone: +31765037717

Address:

Potterbakkerstraat 35

4871EP Etten-Leur

Netherlands