

# 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
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### 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 ( $\phi_{use}$ ), 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	34	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	11	
	Depth	11	
			See image in last page

ing control parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,461 0,407
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	8	Survival factor	0,90
the lumen maintenance factor	0,93		

(a) : not applicable;

(b) : not applicable;

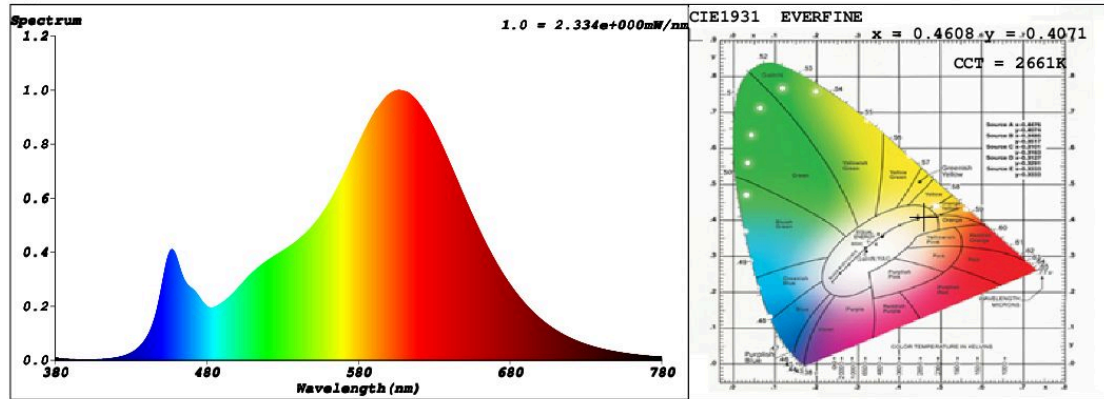
## SPL Spectrum Test Report

Sample :	Date : 2020-02-24 16:05:46
Specification : L022453027	Sam. Status :
Sample No. : L022453027 01	Instrument : HaasSuite(EVERFINE)
Manufacturer :	Test by : Schiefer
	Assessor : damin

### Test Condition

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 52256 (80%)
Test Mode : Fast Test	T : 197 ms
	Sensitivity : High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4608$   $y = 0.4071$  /  $u' = 0.2647$   $v' = 0.5262$  ( $duv = -1.35e-03$ )  
 CCT= 2661K Prcp WL: Ld=584.8nm Purity=60.5%  
 Peak WL: Lp=607nm FWHM: =108.2nm Ratio:R=25.7% G=71.7% B=2.6%

Render Index: Ra = 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 Fe = 320.70 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