

# 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:** L022171827

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	G9		
Mains or non-mains:	MLS	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	3	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°)	280 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	3,3	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 separate control gear, light-	Height	49	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	17	
	Depth	17	
			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)	0,462 0,417
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	3	Survival factor	0,90
the lumen maintenance factor	0,96		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,90	Colour consistency in McAdam ellipses	5
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	-(b)	If yes then replacement claim (W)	-
Flicker metric (Pst LM)	0,0	Stroboscopic effect metric (SVM)	0,4

(a): not applicable;

(b): not applicable;

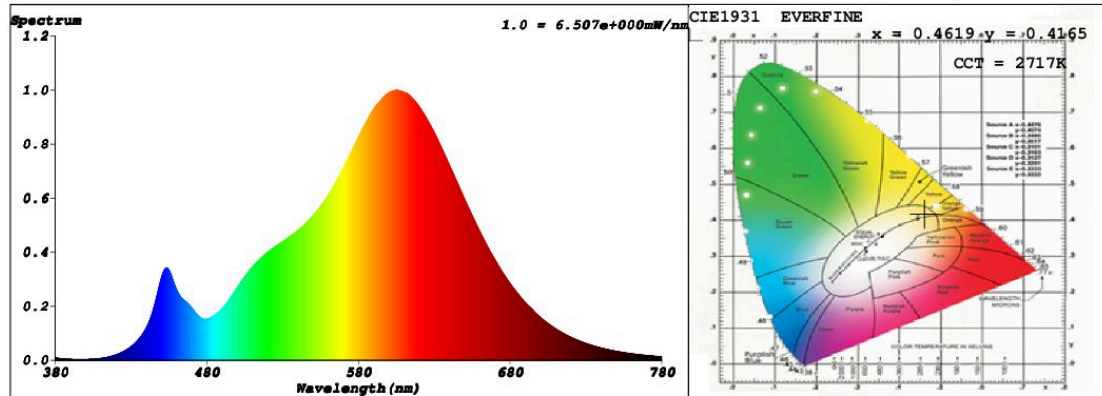
## SPL Spectrum Test Report

Sample	:	Date	: 2020-11-05 10:13:17
Specification	: L022171827	Sam. Status	:
Sample No.	: L022171827 02	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Schiefer
		Assessor	: damin

### Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 47790 (73%)
Test Mode	: Fast Test	T	: 65 ms
		Sensitivity	: High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4619$   $y = 0.4165$  /  $u' = 0.2612$   $v' = 0.5299$  ( $duv=1.98e-03$ )

CCT= 2717K Prcp WL: Ld=583.5nm Purity=63.7%

Peak WL: Lp=605nm FWHM: =114.3nm Ratio:R=24.8% G=73.1% B=2.2%

Render Index: Ra = 81.7

R1 =80 R2 =91 R3 =96 R4 =80 R5 =80 R6 =90 R7 =81

R8 =56 R9 =3 R10=80 R11=79 R12=73 R13=82 R14=98 R15=71

LEVEL:OUT WHITE:ANSI\_2700K

### Photometric & Radiometric Parameters

Flux = 296.99 lm Eff. : 95.68 lm/W Fe = 903.24 mW

### Electrical parameters

V = 229.7 V I = 0.01479 A P = 3.104 W PF = 0.9132

**Schiefer Professional Lighting**

www.spl-lighting.com