

# 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:** L641772727

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	GU10		
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
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### General product parameters:

Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	7	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°)	540 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	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	82
Outer dimensions	Height	Spectral power distribution in the	See image in last page
	Width		

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	50	range 250 nm to 800 nm, at full-load	
Claim of equivalent power <sup>(a)</sup>		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,462 0,411
<b>Parameters for directional light sources:</b>				
Peak luminous intensity (cd)		680	Beam angle in degrees, or the range of beam angles that can be set	60
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value		8	Survival factor	0,90
the lumen maintenance factor		0,98		
<b>Parameters for LED and OLED mains light sources:</b>				
displacement factor (cos $\phi_1$ )		0,90	Colour consistency in McAdam ellipses	6
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)		0,1	Stroboscopic effect metric (SVM)	0,4

(a)-: not applicable;

(b)-: not applicable;

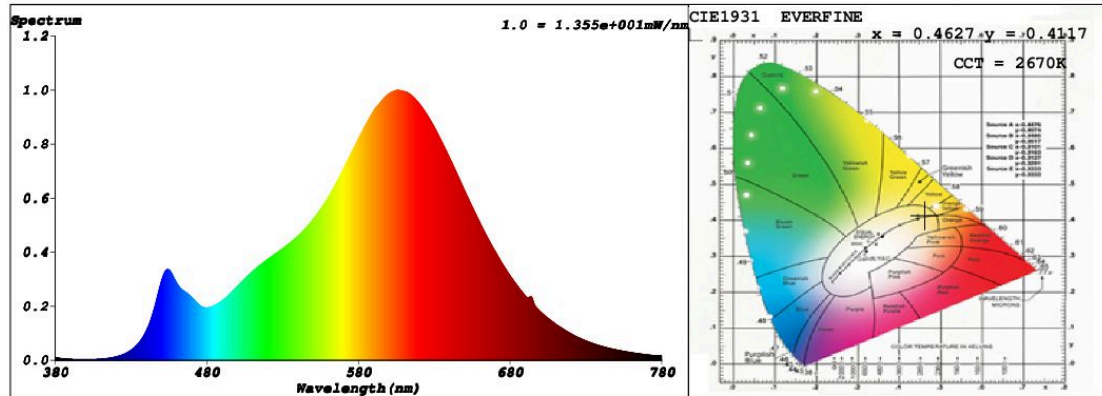
## SPL Spectrum Test Report

Sample	:	Date	: 2021-07-01 12:55:20
Specification	: L641772727	Sam. Status	:
Sample No.	: L641772727-380	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Renee
		Assessor	: damin

### Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 49265 (75%)
Test Mode	: Fast Test	T	: 32 ms
		Sensitivity	: High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4627$   $y = 0.4117$  /  $u' = 0.2638$   $v' = 0.5282$  ( $duv=1.82e-04$ )

CCT= 2670K Prcp WL: Ld=584.3nm Purity=62.5%

Peak WL: Lp=606nm FWHM: =114.2nm Ratio:R=25.4% G=72.2% B=2.4%

Render Index: Ra = 82.3

R1 =81 R2 =93 R3 =93 R4 =79 R5 =82 R6 =93 R7 =80

R8 =57 R9 =8 R10=85 R11=79 R12=78 R13=84 R14=97 R15=73

LEVEL:OUT WHITE:ANSI\_2700K

### Photometric & Radiometric Parameters

Flux = 612.19 lm Eff. : 88.62 lm/W Fe = 1.9163 W

### Electrical parameters

V = 229.8 V I = 0.03442 A P = 6.908 W PF = 0.8731

**Schiefer Professional Lighting**

www.spl-lighting.com