

# 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:** L642777708

## 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	6	Energy efficiency class	G
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°)	210 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	2000...2800
On-mode power ( $P_{on}$ ), expressed in W	5,5	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	85
Outer dimensions without separate control gear, light-	Height	63	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	50	
	Depth	50	
			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)	0,468 0,414
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	420	Beam angle in degrees, or the range of beam angles that can be set	30...80
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	17	Survival factor	0,90
the lumen maintenance factor	0,90		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,65	Colour consistency in McAdam ellipses	6
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	.. <sup>(b)</sup>	If yes then replacement claim (W)	-
Flicker metric (Pst LM)	0,5	Stroboscopic effect metric (SVM)	0,4

(a)'.': not applicable;

(b)'.': not applicable;

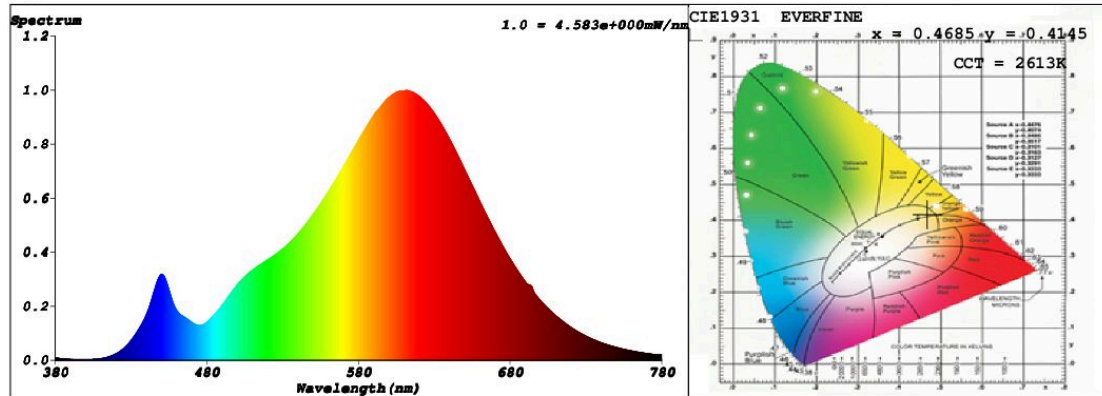
## SPL Spectrum Test Report

Sample	:	Date	:	2021-06-30 16:36:08
Specification	:	Sam. Status	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	Renee
		Assessor	:	damin

### Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	54727 (84%)
Test Mode	:	Fast Test	T	:	104 ms
			Sensitivity	:	High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4685$   $y = 0.4145$  /  $u' = 0.2663$   $v' = 0.5301$  ( $duv=7.73e-04$ )

CCT= 2613K Prcp WL:  $L_d=584.4nm$  Purity=65.1%

Peak WL:  $L_p=612nm$  FWHM:  $=123.4nm$  Ratio:R=25.9% G=72.0% B=2.1%

Render Index:  $R_a = 83.7$

R1 =82 R2 =92 R3 =97 R4 =82 R5 =82 R6 =91 R7 =84

R8 =61 R9 =17 R10=82 R11=81 R12=78 R13=84 R14=99 R15=75

LEVEL:OUT WHITE:ANSI\_2700K

### Photometric & Radiometric Parameters

Flux = 209.12 lm Eff. : 38.16 lm/W  $F_e = 673.25$  mW

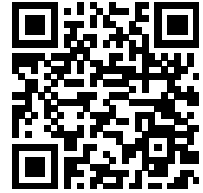
### Electrical parameters

V = 229.8 V I = 0.03834 A P = 5.480 W PF = 0.6218

**Schiefer Professional Lighting**

[www.spl-lighting.com](http://www.spl-lighting.com)

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



**EPREL registration number:** 831604

<https://eprel.ec.europa.eu/qr/831604>

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

**Website:** [www.schiefer.nl](http://www.schiefer.nl)

**Customer care service:**

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