

# 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:** L642762927

## 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	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°)	320 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	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	90
Outer dimensions without separate control gear, light-	Height	54	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)	0,461 0,412
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	630	Beam angle in degrees, or the range of beam angles that can be set	38
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	51	Survival factor	0,90
the lumen maintenance factor	0,97		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,80	Colour consistency in McAdam ellipses	4
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)	0,0	Stroboscopic effect metric (SVM)	0,4

(a)'.': not applicable;

(b)'.': not applicable;

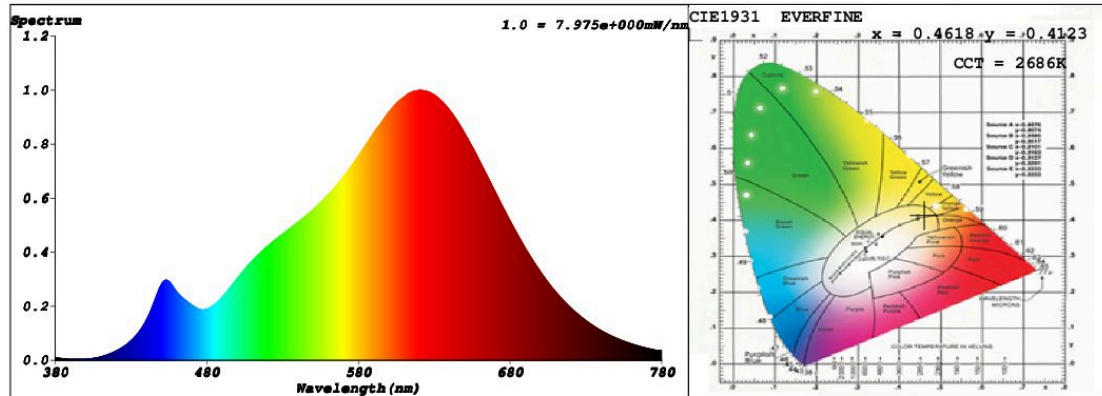
## SPL Spectrum Test Report

Sample	:	Date	:	2021-07-01 11:22:34
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	:	48304 (74%)
Test Mode	:	Fast Test	T	:	53 ms
			Sensitivity	:	High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4618$   $y = 0.4123$  /  $u' = 0.2630$   $v' = 0.5283$  ( $duv=4.49e-04$ )

CCT= 2686K Prcp WL: Ld=584.1nm Purity=62.4%

Peak WL: Lp=621nm FWHM: =144.3nm Ratio:R=26.3% G=71.3% B=2.4%

Render Index: Ra = 91.6

R1 =91 R2 =96 R3 =99 R4 =91 R5 =91 R6 =96 R7 =90

R8 =78 R9 =51 R10=90 R11=93 R12=86 R13=93 R14=99 R15=86

LEVEL:OUT WHITE:ANSI\_2700K

### Photometric & Radiometric Parameters

Flux = 367.98 lm Eff. : 63.03 lm/W Fe = 1.2907 W

### Electrical parameters

V = 229.8 V I = 0.02841 A P = 5.838 W PF = 0.8942

**Schiefer Professional Lighting**

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