

# 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:** L641035927

## 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:	Yes	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	10	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°)	500 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	10,0	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	92
Outer dimensions without separate control gear, light-	Height	73	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	110	
	Depth	110	
			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)	0,466 0,418
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	650	Beam angle in degrees, or the range of beam angles that can be set	35
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	97	Survival factor	1,00
the lumen maintenance factor	0,75		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,65	Colour consistency in McAdam ellipses	3
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)	0,1	Stroboscopic effect metric (SVM)	0,3

(a)'.': not applicable;

(b)'.': not applicable;

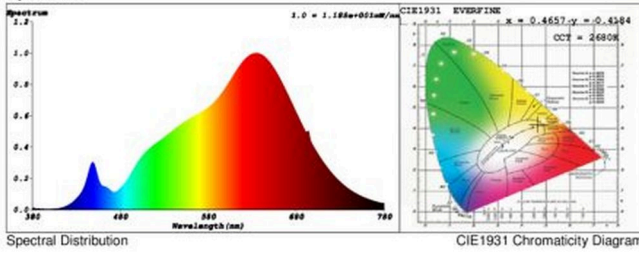
**SPL Spectrum Test Report**

Sample :	Date :	2021-07-19 13:57:23
Specification : L641035927	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 :	51916 (79%)
Test Mode :	Fast Test	T :	42 ms
		Sensitivity :	High

**Spectrum**



**Colorimetric Parameters**

Chromaticity Coordinate:  $x = 0.4657$   $y = 0.4184$  /  $u' = 0.2627$   $v' = 0.5312$  ( $duv=2.38e-03$ )  
 CCT= 2680K Prcp WL: Ld=583.6nm Purity=65.4%  
 Peak WL: Lp=634nm FWHM: =152.1nm Ratio:R=26.9% G=70.9% B=2.2%

Render Index: Ra = 96.3

R1 =98 R2 =97 R3 =94 R4 =98 R5 =97 R6 =96 R7 =98  
 R8 =94 R9 =83 R10=91 R11=97 R12=88 R13=97 R14=96 R15=95  
 LEVEL:OUT WHITE:ANSI\_2700K

**Photometric & Radiometric Parameters**

Flux = 511.36 lm Eff. : 99.89 lm/W  $F_e = 1.9157$  W

**Electrical parameters**

V = 229.8 V I = 0.03354 A P = 5.119 W PF = 0.6641