

# 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:** L571224927

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	G53		
Mains or non-mains:	NMLS	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	12	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°)	650 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	12,0	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	67	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	111	
	Depth	111	
			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)	0,463 0,416
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	4 900	Beam angle in degrees, or the range of beam angles that can be set	24
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	78	Survival factor	1,00
the lumen maintenance factor	0,75		

(a) : not applicable;

(b) : not applicable;

## SPL Spectrum Test Report

Sample :  
 Specification : L571224927  
 Sample No. : 1  
 Manufacturer : Gold Year

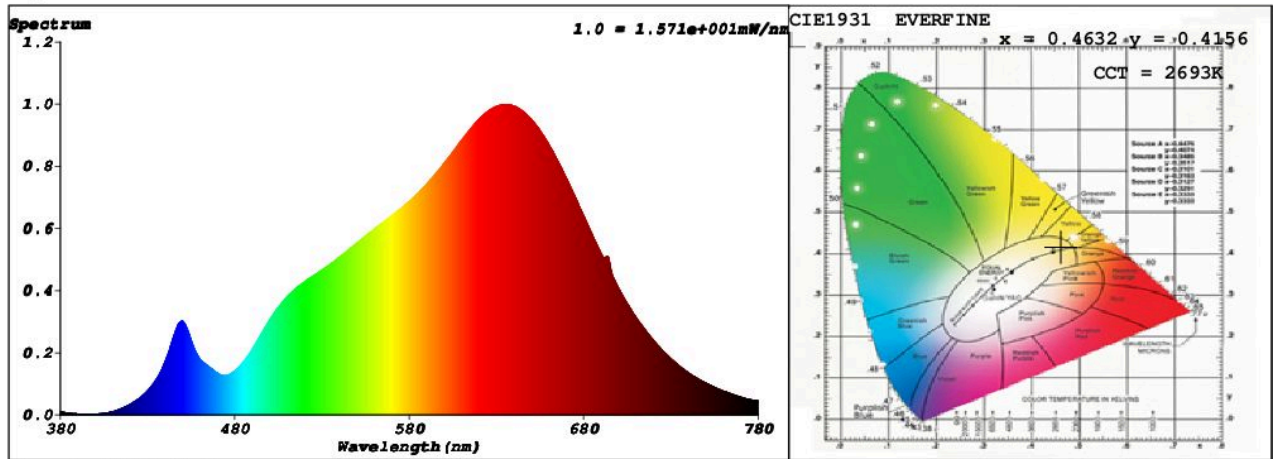
Date : 2021-08-11 13:01:56  
 Sam. Status :  
 Instrument : HaasSuite(EVERFINE)  
 Test by : Renee  
 Assessor : damin

### Test Condition

Temperature : 25.3Deg  
 WL Range : 380nm-780nm  
 Test Mode : Fast Test

RH : 65.0%  
 IP : 53951 (82%)  
 T : 33 ms  
 Sensitivity : High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4632$   $y = 0.4156$  /  $u' = 0.2624$   $v' = 0.5297$  ( $duv=1.55e-03$ )  
 CCT= 2693K Prcp WL:  $L_d=583.8nm$  Purity=63.8%  
 Peak WL:  $L_p=636nm$  FWHM:  $=156.7nm$  Ratio:R=26.6% G=71.2% B=2.2%

Render Index:  $R_a = 95.4$

R1 =96 R2 =96 R3 =95 R4 =97 R5 =96 R6 =96 R7 =96  
 R8 =91 R9 =78 R10=91 R11=98 R12=88 R13=96 R14=96 R15=93  
 LEVEL:OUT WHITE:ANSI\_2700K

### Photometric & Radiometric Parameters

Flux = 693.75 lm Eff. : 90.57 lm/W  $F_e = 2.6047$  W

### Electrical parameters

V = 11.89 V I = 0.6919 A P = 7.659 W PF = 0.9308

**Schiefer Professional Lighting**

www.spl-lighting.com