

# 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:** L022327027

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	G9		
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:	No

## Product parameters

Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	3	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°)	260 in Sphere (360°)	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	3,3	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	80
Outer dimensions without	Height	Spectral power distribution in the	See image in last page
	Width		
	Depth		

separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			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)	0,465 0,419
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value	-2		Survival factor	0,90
the lumen maintenance factor	0,93			
<b>Parameters for LED and OLED mains light sources:</b>				
displacement factor (cos $\phi_1$ )	0,75		Colour consistency in McAdam ellipses	5
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)	1,0		Stroboscopic effect metric (SVM)	0,9

(a) : not applicable;

(b) : not applicable;

## SPL Spectrum Test Report

Sample :  
 Specification : L022327027  
 Sample No. : 1  
 Manufacturer : DE Lighting

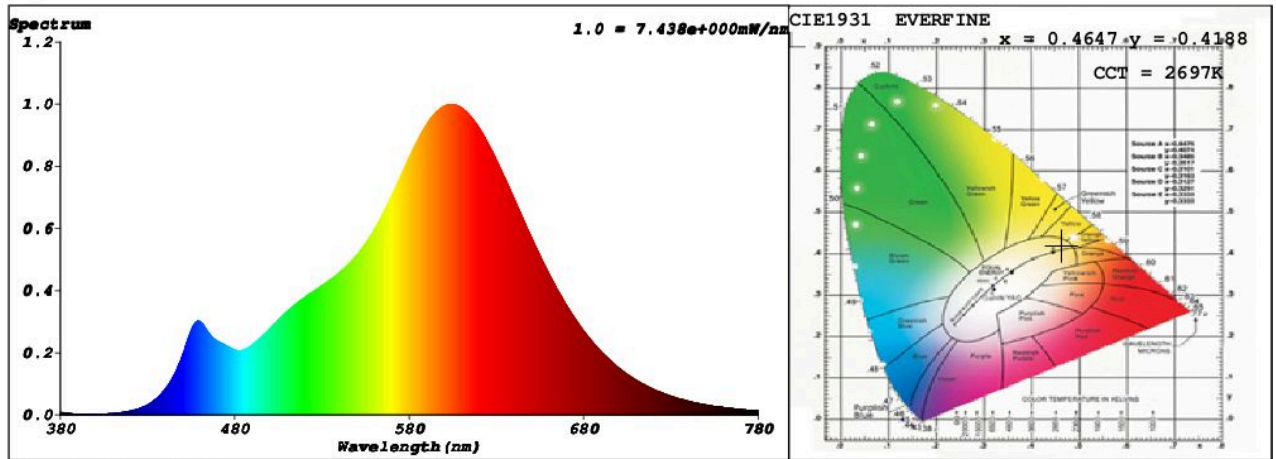
Date : 2021-08-11 15:31:32  
 Sam. Status :  
 Instrument : HaasSuite(EVERFINE)  
 Test by : Renee  
 Assessor : damin

### Test Condition

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

RH : 65.0%  
 IP : 49351 (75%)  
 T : 62 ms  
 Sensitivity : High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4647$   $y = 0.4188$  /  $u' = 0.2619$   $v' = 0.5312$  ( $duv=2.60e-03$ )  
 CCT= 2697K Prcp WL:  $L_d=583.4nm$  Purity=65.2%  
 Peak WL:  $L_p=604nm$  FWHM:  $=108.7nm$  Ratio:R=24.8% G=72.7% B=2.4%

Render Index:  $R_a = 80.7$

R1 =79 R2 =92 R3 =92 R4 =77 R5 =80 R6 =93 R7 =79  
 R8 =53 R9 =-2 R10=84 R11=77 R12=76 R13=82 R14=96 R15=70  
 LEVEL:OUT WHITE:ANSI\_2700K

### Photometric & Radiometric Parameters

Flux = 334.48 lm Eff. : 171.37 lm/W Fe = 1.0125 W

### Electrical parameters

V = 229.8 V I = 0.01163 A P = 1.952 W PF = 0.7303

**Schiefer Professional Lighting**

www.spl-lighting.com