

# 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:** Sales, Potterbakkerstraat 35, 4871EP Etten-Leur Noord Brabant, NL

**Model identifier:** L643000827

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	E27		
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	11	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°)	633 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	10,5	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	80
Outer dimensions	Height	Spectral power distribution in the	See image in last page
	Width		
			95

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	95	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)	0,463
<b>Parameters for directional light sources:</b>				
Peak luminous intensity (cd)		1 300	Beam angle in degrees, or the range of beam angles that can be set	36
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value		10	Survival factor	0,90
the lumen maintenance factor		0,96		
<b>Parameters for LED and OLED mains light sources:</b>				
displacement factor (cos $\phi_1$ )		0,90	Colour consistency in McAdam ellipses	6
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)	0,4

(a)-: not applicable;

(b)-: not applicable;

## SPL Spectrum Test Report

Sample :  
 Specification : L643000827  
 Sample No. : 3  
 Manufacturer : Sengled

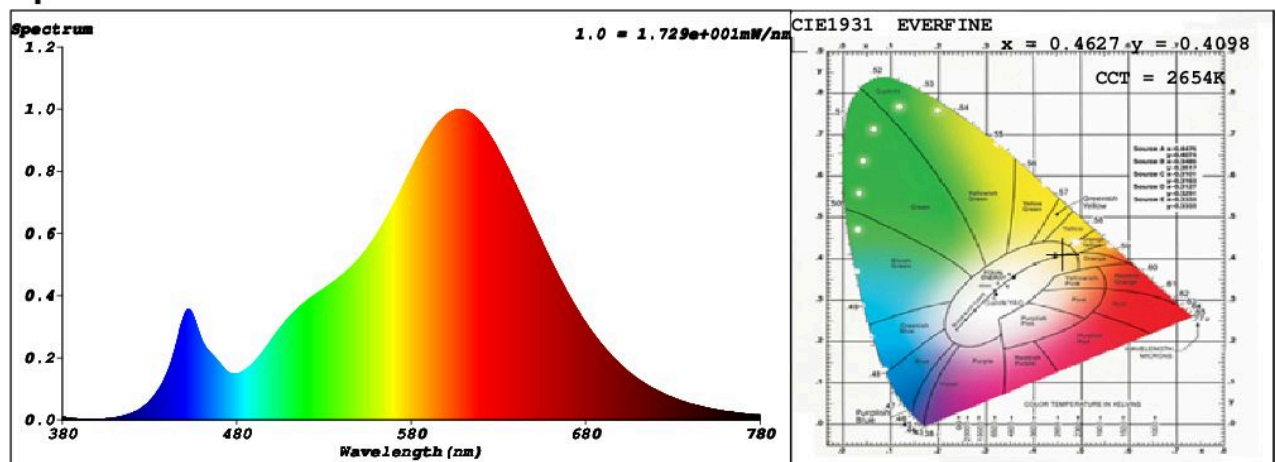
Date : 2021-08-09 09:10:58  
 Sam. Status :  
 Instrument : HaasSuite(EVERFINE)  
 Test by : Renee  
 Assessor : damin

### Test Condition

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

RH : 65.0%  
 IP : 52335 (80%)  
 T : 28 ms  
 Sensitivity : High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4627$   $y = 0.4098$  /  $u' = 0.2647$   $v' = 0.5275$  ( $duv = -5.17e-04$ )  
 CCT= 2654K Prcp WL:  $L_d = 584.6nm$  Purity=61.9%  
 Peak WL:  $L_p = 609nm$  FWHM: =114.6nm Ratio:R=25.6% G=72.2% B=2.2%

Render Index:  $R_a = 82.9$

R1 =82 R2 =92 R3 =95 R4 =81 R5 =82 R6 =92 R7 =81  
 R8 =58 R9 =10 R10=83 R11=81 R12=78 R13=84 R14=98 R15=74  
 LEVEL:OUT WHITE:ANSI\_2700K

### Photometric & Radiometric Parameters

Flux = 776.26 lm Eff. : 115.40 lm/W  $F_e = 2.4357$  W

### Electrical parameters

V = 229.8 V I = 0.03172 A P = 6.727 W PF = 0.9229

**Schiefer Professional Lighting**

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