

# 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:** L270013000

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
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	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°)	100 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	2 000
On-mode power ( $P_{on}$ ), expressed in W	2,5	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	82
Outer dimensions	Height	Spectral power distribution in the	See image in last page
	Width		
			30

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	30	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)	0,522 0,408
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value		7	Survival factor	0,70
the lumen maintenance factor		0,93		
<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)		0,5	Stroboscopic effect metric (SVM)	0,1

(a)-: not applicable;

(b)-: not applicable;

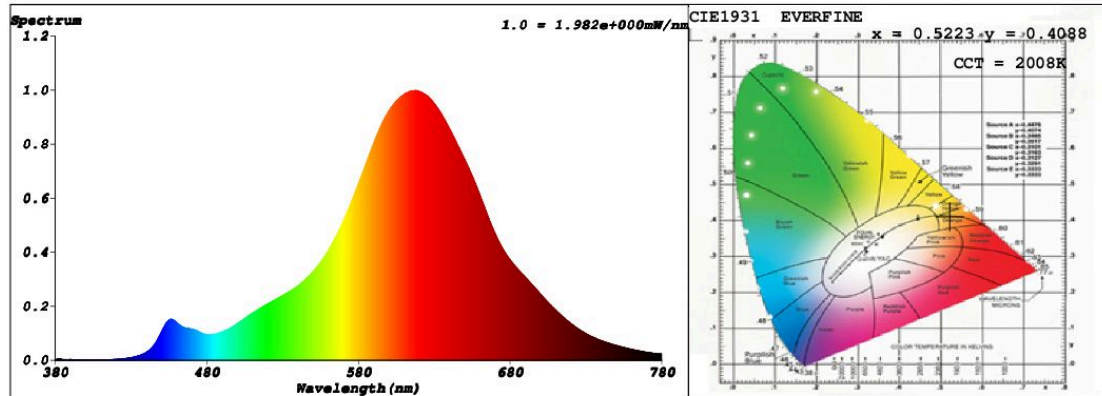
## SPL Spectrum Test Report

Sample	:	Date	: 2018-09-06 14:40:07
Specification	: L270013000	Sam. Status	:
Sample No.	: L270013000 3	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: SPL	Test by	: Marc
		Assessor	: damin

### Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52289 (80%)
Test Mode	: Fast Test	T	: 219 ms
		Sensitivity	: High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.5223$   $y = 0.4088$  /  $u' = 0.3045$   $v' = 0.5362$  ( $duv = -1.52e-03$ )

CCT= 2008K Prcp WL:  $L_d = 589.3nm$  Purity=79.5%

Peak WL:  $L_p = 618nm$  FWHM: =99.2nm Ratio:R=33.3% G=65.2% B=1.5%

Render Index:  $R_a = 80.1$

R1 =80 R2 =94 R3 =88 R4 =75 R5 =80 R6 =96 R7 =75

R8 =51 R9 =7 R10=89 R11=76 R12=88 R13=83 R14=94 R15=71

LEVEL:OUT WHITE:OUT

### Photometric & Radiometric Parameters

Flux = 70.588 lm Eff. : 29.66 lm/W  $F_e = 247.44$  mW

### Electrical parameters

V = 230.1 V I = 0.01147 A P = 2.380 W PF = 0.9014

**Schiefer Professional Lighting**

[www.professional-lighting.eu](http://www.professional-lighting.eu)