

# 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:** LF023925303

## 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	5	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	2 200
On-mode power ( $P_{on}$ ), expressed in W	4,5	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	90
Outer dimensions	Height	Spectral power distribution in the	See image in last page
	Width		
			125

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	125	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)	0,511
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value		93	Survival factor	0,96
the lumen maintenance factor		0,96		
<b>Parameters for LED and OLED mains light sources:</b>				
displacement factor (cos $\phi_1$ )		0,85	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)		0,1	Stroboscopic effect metric (SVM)	0,3

(a) '-': not applicable;

(b) '-': not applicable;

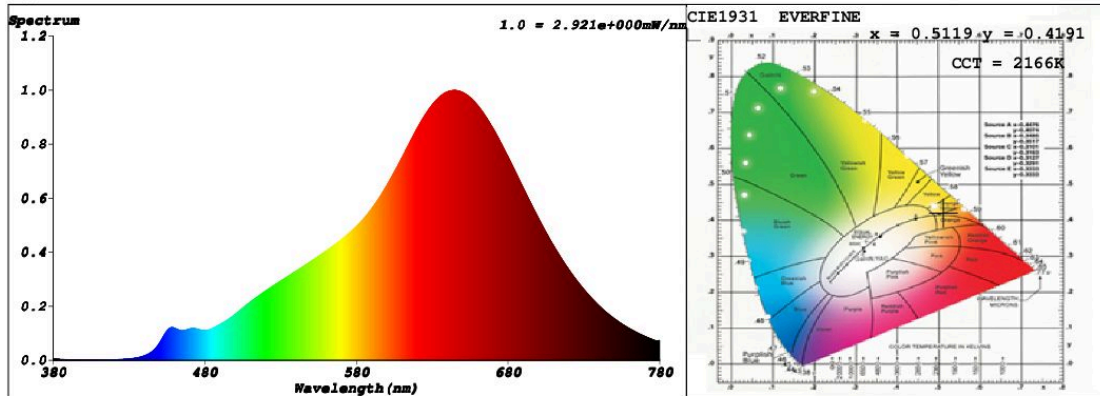
## SPL Spectrum Test Report

Sample	:	Date	: 2020-05-07 11:21:09
Specification	: LF023925303	Sam. Status	:
Sample No.	: LF023925303 test 2	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Schiefer
		Assessor	: damin

### Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 49414 (75%)
Test Mode	: Fast Test	T	: 156 ms
		Sensitivity	: High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.5119$   $y = 0.4191$  /  $u' = 0.2923$   $v' = 0.5384$  ( $duv=1.27e-03$ )

CCT= 2166K Prcp WL:  $L_d=587.1nm$  Purity=79.4%

Peak WL:  $L_p=644nm$  FWHM:  $=122.1nm$  Ratio:R=32.8% G=65.4% B=1.8%

Render Index:  $R_a = 97.2$

R1 =98 R2 =99 R3 =98 R4 =97 R5 =97 R6 =96 R7 =97

R8 =97 R9 =93 R10=99 R11=94 R12=91 R13=98 R14=97 R15=99

LEVEL:OUT WHITE:OUT

### Photometric & Radiometric Parameters

Flux = 95.409 lm Eff. : 21.49 lm/W  $F_e = 428.71 mW$

### Electrical parameters

V = 229.9 V I = 0.02296 A P = 4.440 W PF = 0.8408

**Schiefer Professional Lighting**

[www.spl-lighting.com](http://www.spl-lighting.com)