

# 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:** LF023911209

## 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	4	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°)	190 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	4,0	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	93
Outer dimensions without separate control gear, light-	Height	280	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	165	
	Depth	165	
			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)	0,505 0,416
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	77	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;

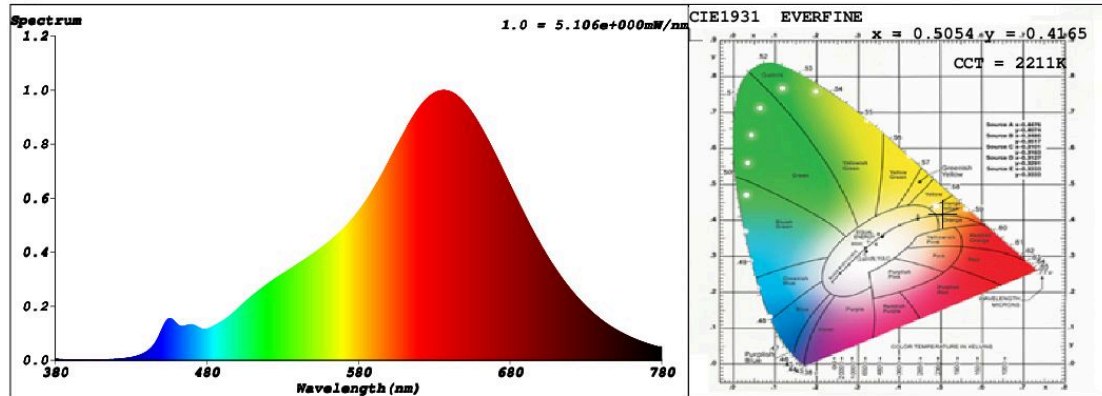
## SPL Spectrum Test Report

Sample	:	Date	:	2020-02-26 10:47:56
Specification	:	Sam. Status	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	Schiefer
		Assessor	:	damin

### Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	55216 (84%)
Test Mode	:	Fast Test	T	:	99 ms
			Sensitivity	:	High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.5054$   $y = 0.4165$  /  $u' = 0.2894$   $v' = 0.5365$  ( $duv=3.88e-04$ )

CCT= 2211K Prcp WL:  $L_d=587.1nm$  Purity=76.7%

Peak WL:  $L_p=636nm$  FWHM: =121.2nm Ratio:R=32.1% G=66.1% B=1.8%

Render Index:  $R_a = 96.6$

R1 =99 R2 =100 R3 =100 R4 =99 R5 =99 R6 =96 R7 =94

R8 =88 R9 =77 R10=99 R11=97 R12=91 R13=99 R14=98 R15=94

LEVEL:OUT WHITE:OUT

### Photometric & Radiometric Parameters

Flux = 181.47 lm Eff. : 47.82 lm/W  $F_e = 742.74$  mW

### Electrical parameters

V = 230.0 V I = 0.01936 A P = 3.795 W PF = 0.8525

**Schiefer Professional Lighting**

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