

# 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:** LF023825655-1

## 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	8	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°)	520 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	8,0	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	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)	0,533 0,406
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value		69	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;

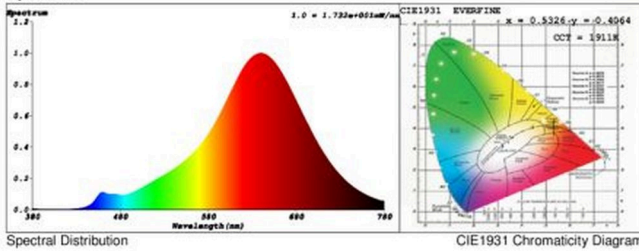
**SPL Spectrum Test Report**

Sample :		Date :	2019-08-06 10:51:34
Specification :	LF023825655-1	Sam. Status :	
Sample No. :	LF023825655-1	Instrument :	HaasSuite(EVERFINE)
Manufacturer :		Test by :	Schiefer
		Assessor :	damin

**Test Condition**

Temperature :	25.3Deg	RH :	65.0%
WL Range :	380nm-780nm	IP :	56298 (86%)
Test Mode :	Fast Test	T :	29 ms
		Sensitivity :	High

**Spectrum**



**Colorimetric Parameters**

Chromaticity Coordinate:  $x = 0.5326$   $y = 0.4064$  /  $u' = 0.3128$   $v' = 0.5370$  ( $duv = -1.67e-03$ )  
 CCT= 1911K Prcp WL: Ld=590.3nm Purity=81.9%  
 Peak WL: Lp=640nm FWHM: =115.2nm Ratio:R=36.6% G=61.9% B=1.5%

Render Index: Ra = 93.7

R1 =97 R2 =99 R3 =96 R4 =96 R5 =98 R6 =93 R7 =89  
 R8 =83 R9 =69 R10=98 R11=99 R12=84 R13=98 R14=99 R15=91  
 LEVEL:OUT WHITE:OUT

**Photometric & Radiometric Parameters**

Flux = 525.86 lm Eff. : 65.95 lm/W Fe = 2.3791 W

**Electrical parameters**

V = 229.8 V I = 0.04162 A P = 7.974 W PF = 0.8337

**Schiefer Professional Lighting**  
[www.professional-lighting.eu](http://www.professional-lighting.eu)