

# 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:** LF023870308-1

## 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	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°)	320 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	2 500
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	Height	Spectral power distribution in the	See image in last page
	Width		
			60

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	60	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)	0,467 0,413
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value	26	Survival factor		0,96
the lumen maintenance factor	0,96			
<b>Parameters for LED and OLED mains light sources:</b>				
displacement factor (cos $\phi_1$ )	0,90	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)	0,1	Stroboscopic effect metric (SVM)		0,3

(a)-: not applicable;

(b)-: not applicable;

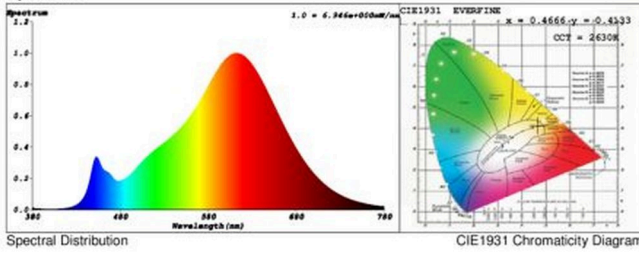
**SPL Spectrum Test Report**

Sample	: 5-5	Date	: 2018-02-05 11:49:35
Specification	:	Sam. Status	: AC230V
Sample No.	: LF023870308-1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Ralf
		Assessor	: damin

**Test Condition**

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 48720 (74%)
Test Mode	: Fast Test	T	: 57 ms
		Sensitivity	: High

**Spectrum**



**Colorimetric Parameters**

Chromaticity Coordinate:  $x = 0.4666$   $y = 0.4133$  /  $u' = 0.2656$   $v' = 0.5294$  ( $duv=4.60e-04$ )  
 CCT= 2630K Prcp WL: Ld=584.4nm Purity=64.1%  
 Peak WL: Lp=613nm FWHM: =124.6nm Ratio:R=26.2% G=71.5% B=2.3%

Render Index: Ra = 86.1

R1 =85 R2 =94 R3 =96 R4 =84 R5 =86 R6 =94 R7 =84  
 R8 =65 R9 =26 R10=87 R11=84 R12=80 R13=88 R14=99 R15=78  
 LEVEL:OUT WHITE:ANSI\_2700K

**Photometric & Radiometric Parameters**

Flux = 314.52 lm Eff. : 84.95 lm/W  $F_e = 1.0268$  W

**Electrical parameters**

V = 230.1 V I = 0.02068 A P = 3.702 W PF = 0.7781

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