

# 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:** LF023825842

## 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	7	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°)	470 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	6,5	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	93
Outer dimensions without separate control gear, light-	Height	180	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	125	
	Depth	125	
			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)	0,477 0,417
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	62	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;

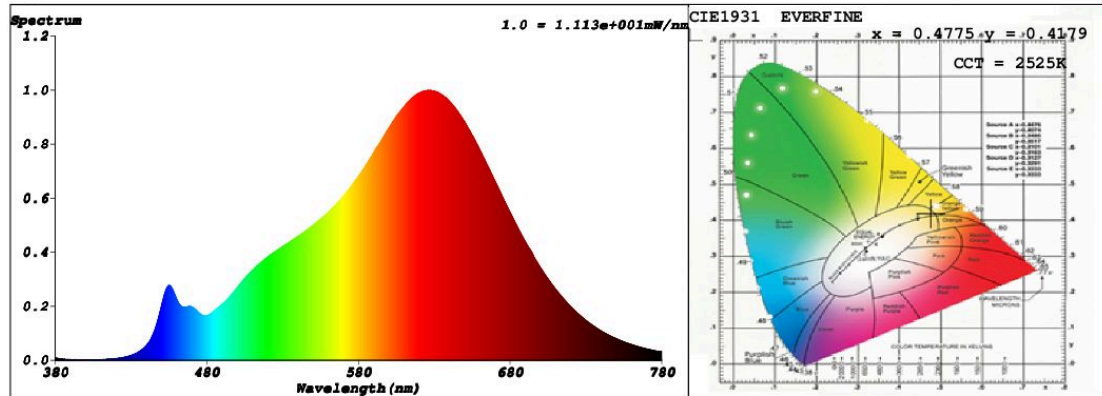
## SPL Spectrum Test Report

Sample	:	Date	:	2019-07-19 15:28:59
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	:	55072 (84%)
Test Mode	:	Fast Test	T	:	43 ms
			Sensitivity	:	High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4775$   $y = 0.4179$  /  $u' = 0.2706$   $v' = 0.5327$  ( $duv=1.43e-03$ )

CCT= 2525K Prcp WL:  $L_d=584.7nm$  Purity=68.8%

Peak WL:  $L_p=626nm$  FWHM:  $=134.4nm$  Ratio:R=28.1% G=69.6% B=2.3%

Render Index:  $R_a = 94.0$

R1 =95 R2 =98 R3 =99 R4 =94 R5 =95 R6 =98 R7 =91

R8 =82 R9 =62 R10=95 R11=97 R12=87 R13=96 R14=99 R15=89

LEVEL:OUT WHITE:OUT

### Photometric & Radiometric Parameters

Flux = 474.19 lm Eff. : 74.56 lm/W  $F_e = 1.7158 W$

### Electrical parameters

V = 229.9 V I = 0.03759 A P = 6.360 W PF = 0.7361

**Schiefer Professional Lighting**

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