

# 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:** LF023850301

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E14		
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 without separate control gear, light-	Height	120	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	35	
	Depth	35	
			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)	0,478 0,421
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	65	Survival factor	0,96
the lumen maintenance factor	0,96		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,80	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;

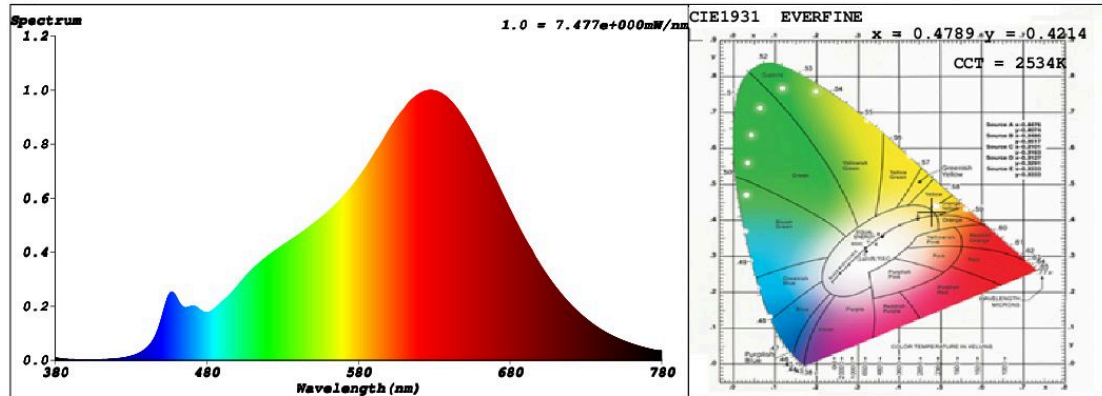
## SPL Spectrum Test Report

Sample	:	Date	: 2021-03-18 09:30:07
Specification	: LF023850301	Sam. Status	:
Sample No.	: LF023850301-2	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Schiefer
		Assessor	: damin

### Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 54031 (82%)
Test Mode	: Fast Test	T	: 65 ms
		Sensitivity	: High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4789$   $y = 0.4214$  /  $u' = 0.2698$   $v' = 0.5342$  ( $duv=2.56e-03$ )

CCT= 2534K Prcp WL:  $L_d=584.3nm$  Purity=70.2%

Peak WL:  $L_p=628nm$  FWHM:  $=136.3nm$  Ratio:R=28.1% G=69.6% B=2.3%

Render Index:  $R_a = 94.5$

R1 =95 R2 =98 R3 =99 R4 =94 R5 =95 R6 =99 R7 =92

R8 =83 R9 =65 R10=95 R11=97 R12=87 R13=96 R14=99 R15=90

LEVEL:OUT WHITE:OUT

### Photometric & Radiometric Parameters

Flux = 318.50 lm Eff. : 83.59 lm/W  $F_e = 1.1562 W$

### Electrical parameters

V = 229.9 V I = 0.02113 A P = 3.810 W PF = 0.7841

**Schiefer Professional Lighting**

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