

# 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:** LF023820305

## 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°)	250 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	75	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	45	
	Depth	45	
			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)	0,516 0,410
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	81	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;

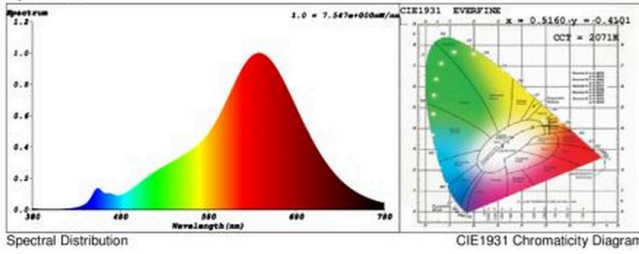
**SPL Spectrum Test Report**

Sample :	Date :	2020-01-02 15:52:54
Specification : LF023820305	Sam. Status :	
Sample No. : LF023820305	Instrument :	HaasSuite(EVERFINE)
Manufacturer :	Test by :	Schiefer
	Assessor :	damin

**Test Condition**

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 49403 (75%)
Test Mode : Fast Test	T : 60 ms
	Sensitivity : High

**Spectrum**



**Colorimetric Parameters**

Chromaticity Coordinate:  $x = 0.5160$   $y = 0.4101$  /  $u' = 0.2996$   $v' = 0.5357$  ( $duv = -1.38e-03$ )  
 CCT= 2071K Prcp WL: Ld=588.7nm Purity=78.0%  
 Peak WL: Lp=638nm FWHM: =111.3nm Ratio:R=34.5% G=63.8% B=1.7%

Render Index: Ra = 95.7

R1 =99 R2 =98 R3 =99 R4 =98 R5 =97 R6 =92 R7 =93  
 R8 =90 R9 =81 R10=97 R11=92 R12=87 R13=98 R14=98 R15=96  
 LEVEL:OUT WHITE:OUT

**Photometric & Radiometric Parameters**

Flux = 242.78 lm Eff. : 61.89 lm/W  $F_e = 1.0400$  W

**Electrical parameters**

V = 229.8 V I = 0.02169 A P = 3.923 W PF = 0.7870

**Schiefer Professional Lighting**  
[www.spl-lighting.com](http://www.spl-lighting.com)