

# 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:** Sales, Potterbakkerstraat 35, 4871EP Etten-Leur Noord Brabant, NL

**Model identifier:** LF023900105

## 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	6	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	2 000
On-mode power ( $P_{on}$ ), expressed in W	6,0	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		

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	300	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)	0,548
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value	64	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;

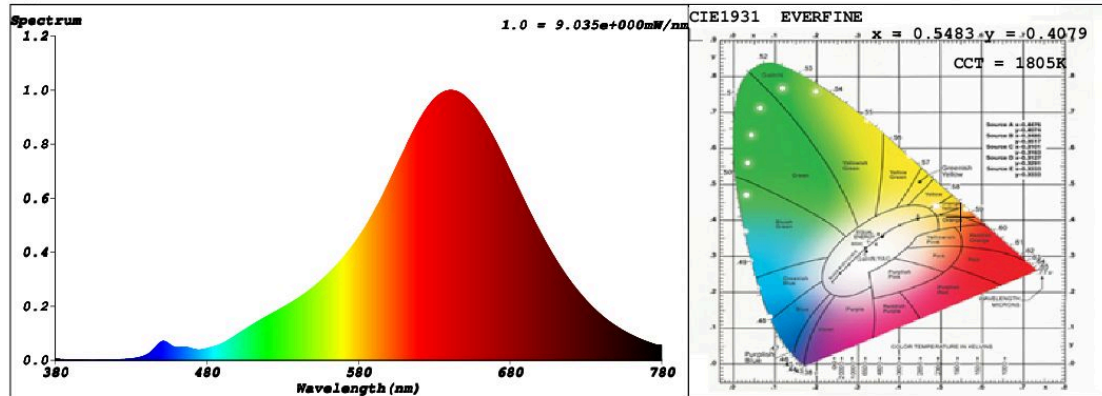
## SPL Spectrum Test Report

Sample	:	Date	: 2021-03-18 09:10:46
Specification	: LF023900105	Sam. Status	:
Sample No.	: LF023900105-1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Schiefer
		Assessor	: damin

### Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 50163 (77%)
Test Mode	: Fast Test	T	: 51 ms
		Sensitivity	: High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.5483$   $y = 0.4079$  /  $u' = 0.3226$   $v' = 0.5400$  ( $duv=1.58e-04$ )

CCT= 1805K Prcp WL: Ld=590.9nm Purity=87.0%

Peak WL: Lp=641nm FWHM: =112.4nm Ratio:R=38.2% G=60.8% B=1.0%

Render Index: Ra = 93.6

R1 =94 R2 =98 R3 =99 R4 =94 R5 =95 R6 =97 R7 =90

R8 =81 R9 =64 R10=95 R11=98 R12=94 R13=95 R14=98 R15=89

LEVEL:OUT WHITE:OUT

### Photometric & Radiometric Parameters

Flux = 257.58 lm Eff. : 41.46 lm/W Fe = 1.1959 W

### Electrical parameters

V = 229.9 V I = 0.03390 A P = 6.213 W PF = 0.7970

**Schiefer Professional Lighting**

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