

# 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:** LF023870312

## 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°)	300 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		

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	45	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)	0,492
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value		61	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;

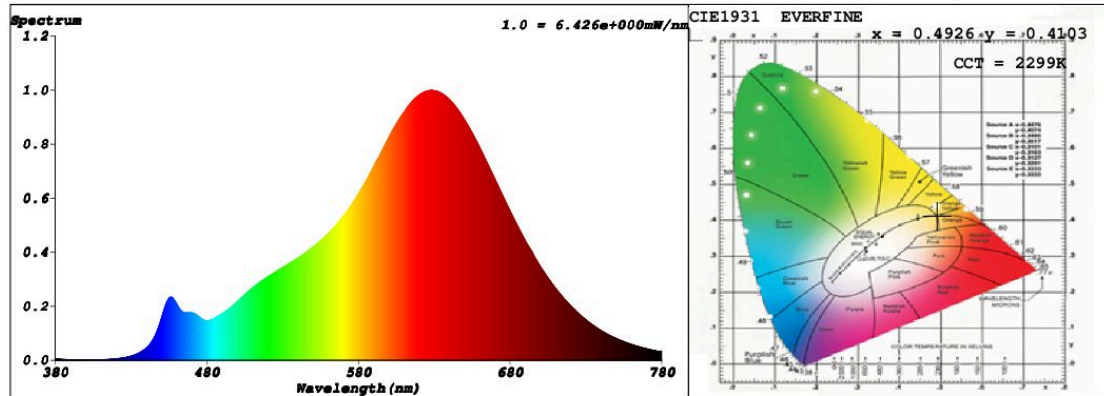
## SPL Spectrum Test Report

Sample :	Date : 2020-04-22 11:36:37
Specification :	Sam. Status :
Sample No. : LF023870312-2	Instrument : HaasSuite(EVERFINE)
Manufacturer :	Test by : Schiefer
	Assessor : damin

### Test Condition

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 53413 (82%)
Test Mode : Fast Test	T : 75 ms
	Sensitivity : High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4926$   $y = 0.4103$  /  $u' = 0.2840$   $v' = 0.5322$  ( $duv = -1.57e-03$ )

CCT= 2299K Prcp WL: Ld=587.1nm Purity=71.0%

Peak WL: Lp=629nm FWHM: =119.9nm Ratio:R=30.9% G=67.0% B=2.1%

Render Index: Ra = 93.1

R1 =96 R2 =99 R3 =96 R4 =95 R5 =97 R6 =94 R7 =89

R8 =80 R9 =61 R10=100 R11=98 R12=88 R13=97 R14=99 R15=90

LEVEL:OUT WHITE:OUT

### Photometric & Radiometric Parameters

Flux = 246.81 lm Eff. : 64.81 lm/W Fe = 935.40 mW

### Electrical parameters

V = 229.9 V I = 0.02108 A P = 3.808 W PF = 0.7857

**Schiefer Professional Lighting**

www.spl-lighting.com