

# 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:** LF023800388

## 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	F
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°)	550 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	6,0	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	150	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)	0,487
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value	60	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;

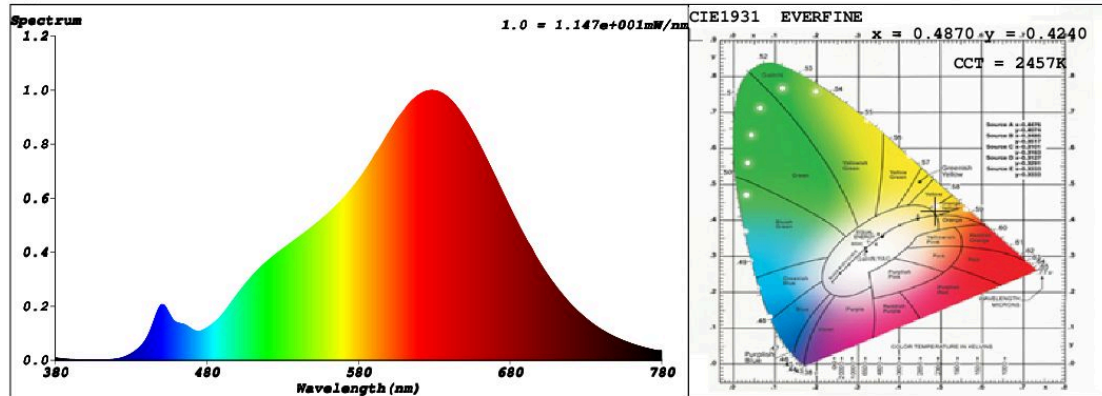
## SPL Spectrum Test Report

Sample	:	Date	:	2021-07-15 11:22:10
Specification	:	Sam. Status	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	Ralf
		Assessor	:	damin

### Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	49607 (76%)
Test Mode	:	Fast Test	T	:	39 ms
			Sensitivity	:	High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4870$   $y = 0.4240$  /  $u' = 0.2739$   $v' = 0.5364$  ( $duv=3.08e-03$ )

CCT= 2457K Prcp WL: Ld=584.6nm Purity=73.5%

Peak WL: Lp=629nm FWHM: =135.2nm Ratio:R=28.6% G=69.6% B=1.8%

Render Index: Ra = 93.2

R1 =93 R2 =96 R3 =97 R4 =95 R5 =93 R6 =96 R7 =93

R8 =82 R9 =60 R10=89 R11=97 R12=85 R13=94 R14=97 R15=88

LEVEL:OUT WHITE:OUT

### Photometric & Radiometric Parameters

Flux = 479.14 lm Eff. : 84.04 lm/W Fe = 1.7412 W

### Electrical parameters

V = 229.8 V I = 0.03227 A P = 5.702 W PF = 0.7687

**Schiefer Professional Lighting**

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