

# 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:** L277247037

## 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
-----------	-------	-----------	-------

### General product parameters:

Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	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°)	470 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	2 700
On-mode power ( $P_{on}$ ), expressed in W	5,0	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	80
Outer dimensions	Height	Spectral power distribution in the	See image in last page
	Width		
			45

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)	0,465
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value		3	Survival factor	0,70
the lumen maintenance factor		0,70		
<b>Parameters for LED and OLED mains light sources:</b>				
displacement factor (cos $\phi_1$ )		0,80	Colour consistency in McAdam ellipses	5
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)		0,7	Stroboscopic effect metric (SVM)	0,9

(a)-: not applicable;

(b)-: not applicable;

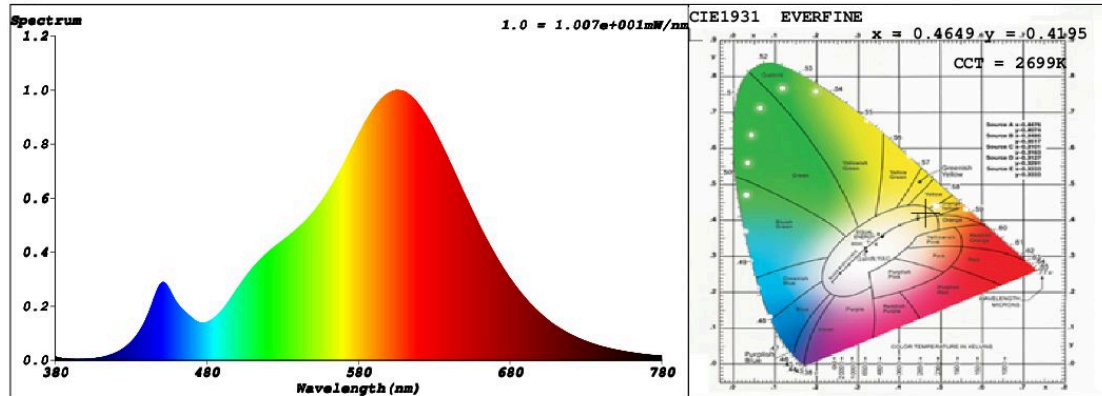
## SPL Spectrum Test Report

Sample	:	Date	: 2018-05-24 13:19:44
Specification	: SPL	Sam. Status	:
Sample No.	: L149147037-1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: SPL	Test by	: Ralf
		Assessor	: damin

### Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52687 (80%)
Test Mode	: Fast Test	T	: 44 ms
		Sensitivity	: High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4649$   $y = 0.4195$  /  $u' = 0.2618$   $v' = 0.5315$  ( $duv=2.83e-03$ )

CCT= 2699K Prcp WL: Ld=583.3nm Purity=65.5%

Peak WL: Lp=606nm FWHM: =117.8nm Ratio:R=24.8% G=73.2% B=2.0%

Render Index: Ra = 81.4

R1 =79 R2 =90 R3 =97 R4 =79 R5 =79 R6 =88 R7 =82

R8 =56 R9 =3 R10=77 R11=79 R12=72 R13=81 R14=99 R15=71

LEVEL:OUT WHITE:ANSI\_2700K

### Photometric & Radiometric Parameters

Flux = 463.20 lm Eff. : 92.49 lm/W Fe = 1.4147 W

### Electrical parameters

V = 230.0 V I = 0.02527 A P = 5.008 W PF = 0.8616

**Schiefer Professional Lighting**

[www.professional-lighting.eu](http://www.professional-lighting.eu)