

# 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:** L642736327

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	GU10		
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	7	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°)	540 in Narrow cone (90°)	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	7,0	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	82
Outer dimensions	Height	Spectral power distribution in the	See image in last page
	Width		
			50

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	50	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)	0,461
<b>Parameters for directional light sources:</b>				
Peak luminous intensity (cd)		1 000	Beam angle in degrees, or the range of beam angles that can be set	36
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value		9	Survival factor	0,90
the lumen maintenance factor		0,93		
<b>Parameters for LED and OLED mains light sources:</b>				
displacement factor (cos $\phi_1$ )		0,80	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)		1,0	Stroboscopic effect metric (SVM)	0,4

(a)-: not applicable;

(b)-: not applicable;

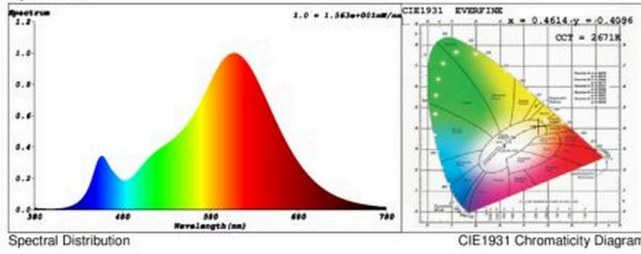
**SPL Spectrum Test Report**

Sample	:		Date	:	2021-07-22 16:29:46
Specification	:	L642736327	Sam. Status	:	
Sample No.	:		Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Renee	Test by	:	Renee
			Assessor	:	damin

**Test Condition**

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	47124 (72%)
Test Mode	:	Fast Test	T	:	28 ms
			Sensitivity	:	High

**Spectrum**



**Colorimetric Parameters**

Chromaticity Coordinate:  $x = 0.4614$   $y = 0.4096$  /  $u' = 0.2639$   $v' = 0.5272$  ( $duv = -5.00e-04$ )  
 CCT= 2671K Prcp WL: Ld=584.5nm Purity=61.4%  
 Peak WL: Lp=607nm FWHM: =112.9nm Ratio:R=25.5% G=72.1% B=2.4%

Render Index: Ra = 82.6

R1 =82 R2 =93 R3 =93 R4 =80 R5 =82 R6 =93 R7 =80  
 R8 =57 R9 =9 R10=85 R11=79 R12=79 R13=85 R14=97 R15=74  
 LEVEL:OUT WHITE:ANSI\_2700K

**Photometric & Radiometric Parameters**

Flux = 701.98 lm Eff. : 140.25 lm/W Fe = 2.1927 W

**Electrical parameters**

V = 229.8 V I = 0.02413 A P = 5.005 W PF = 0.9026