

# 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:** Schiefer Lighting, Potterbakkerstraat 35, 4871EP Etten-Leur, NL

**Model identifier:** L276081037

## 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	10	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°)	810 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	10,0	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 without separate control gear, light-	Height	115	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	60	
	Depth	60	
			See image in last page

ing control parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,467 0,414
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	7	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;

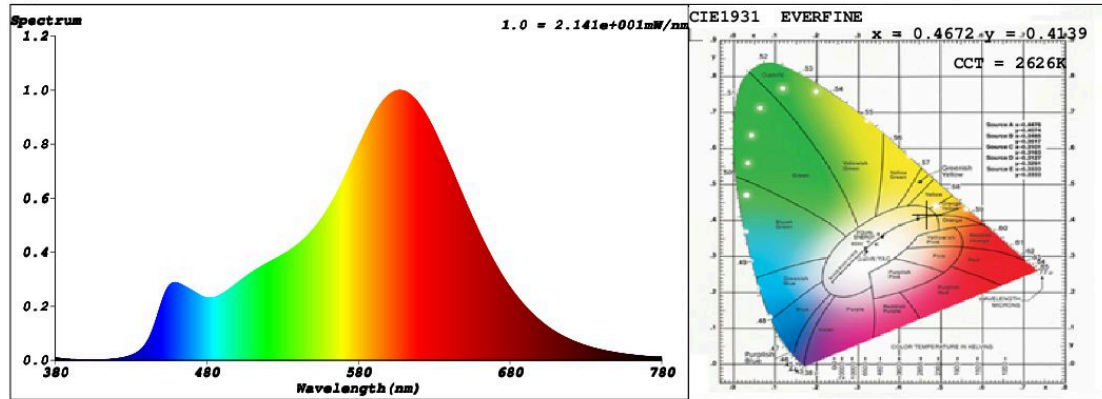
## SPL Spectrum Test Report

Sample	:	Date	: 2018-09-07 09:46:20
Specification	:	Sam. Status	:
Sample No.	: L276081037-1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: SPL	Test by	: Ralf
		Assessor	: damin

### Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 53493 (82%)
Test Mode	: Fast Test	T	: 21 ms
		Sensitivity	: High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4672$   $y = 0.4139$  /  $u' = 0.2657$   $v' = 0.5297$  ( $duv=6.57e-04$ )

CCT= 2626K Prcp WL: Ld=584.4nm Purity=64.5%

Peak WL: Lp=607nm FWHM: =105.4nm Ratio:R=26.0% G=71.3% B=2.7%

Render Index: Ra = 82.5

R1 =83 R2 =95 R3 =89 R4 =79 R5 =84 R6 =96 R7 =78

R8 =55 R9 =7 R10=91 R11=80 R12=82 R13=86 R14=95 R15=73

LEVEL:OUT WHITE:ANSI\_2700K

### Photometric & Radiometric Parameters

Flux = 935.39 lm Eff. : 94.98 lm/W Fe = 2.8824 W

### Electrical parameters

V = 220.0 V I = 0.04703 A P = 9.848 W PF = 0.9520

**Schiefer Professional Lighting**

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