

# 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:** L642775827-1

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
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	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°)	610 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	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	95	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	96	
	Depth	95	
			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)	0,459 0,415
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	1 500	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	6	Survival factor	0,70
the lumen maintenance factor	0,70		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,70	Colour consistency in McAdam ellipses	5
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	.. <sup>(b)</sup>	If yes then replacement claim (W)	-
Flicker metric (Pst LM)	0,7	Stroboscopic effect metric (SVM)	0,9

(a).': not applicable;

(b).': not applicable;

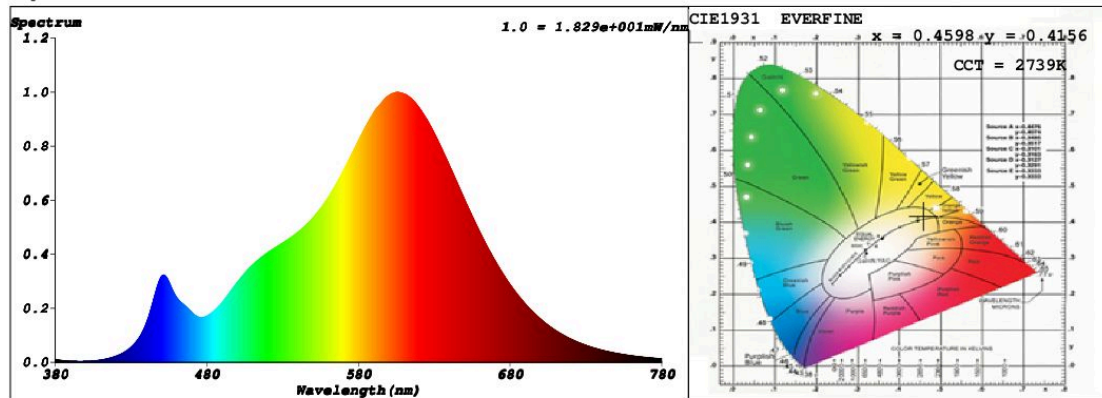
## SPL Spectrum Test Report

Sample	:	Date	:	2021-06-30 15:11:58
Specification	:	Sam. Status	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	Renee
		Assessor	:	damin

### Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	47559 (73%)
Test Mode	:	Fast Test	T	:	23 ms
			Sensitivity	:	High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4598$   $y = 0.4156$  /  $u' = 0.2603$   $v' = 0.5292$  ( $duv=1.83e-03$ )

CCT= 2739K Prcp WL: Ld=583.4nm Purity=62.8%

Peak WL: Lp=607nm FWHM: =114.9nm Ratio:R=24.8% G=72.9% B=2.3%

Render Index: Ra = 82.8

R1 =81 R2 =92 R3 =95 R4 =81 R5 =82 R6 =92 R7 =82

R8 =57 R9 =6 R10=83 R11=81 R12=77 R13=84 R14=98 R15=72

LEVEL:OUT WHITE:ANSI\_2700K

### Photometric & Radiometric Parameters

Flux = 837.57 lm Eff. : 85.68 lm/W Fe = 2.5644 W

### Electrical parameters

V = 229.8 V I = 0.04499 A P = 9.776 W PF = 0.9455

**Schiefer Professional Lighting**

www.spl-lighting.com