

# 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:** L024362607-1

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E14		
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	4	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°)	330 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	3,5	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	53	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	17	
	Depth	17	
			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)	0,470 0,406
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	14	Survival factor	0,90
the lumen maintenance factor	0,93		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,90	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)	0,2	Stroboscopic effect metric (SVM)	0,1

(a): not applicable;

(b): not applicable;

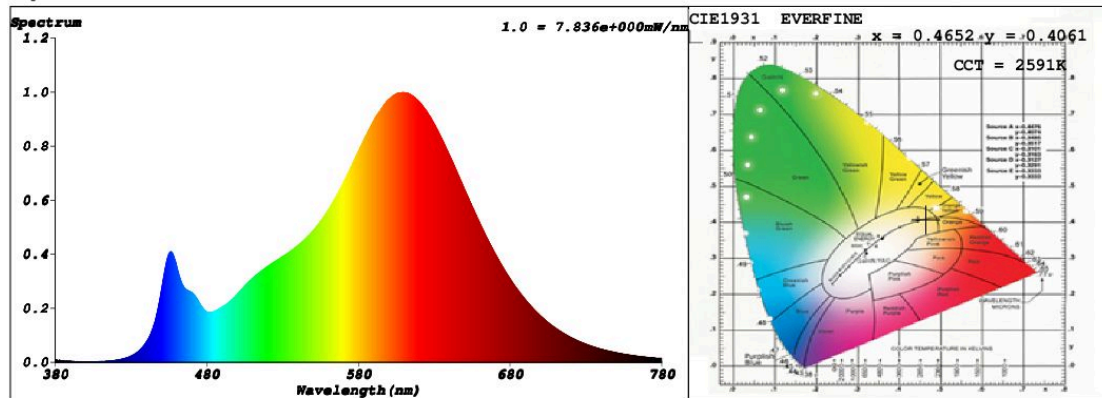
## SPL Spectrum Test Report

Sample	:	Date	:	2019-05-06 12:55:46
Specification	:	Sam. Status	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	Schiefer
		Assessor	:	damin

### Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	50818 (78%)
Test Mode	:	Fast Test	T	:	55 ms
			Sensitivity	:	High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4652$   $y = 0.4061$  /  $u' = 0.2681$   $v' = 0.5264$  ( $duv = -2.07e-03$ )

CCT= 2591K Prcp WL: Ld=585.5nm Purity=61.5%

Peak WL: Lp=610nm FWHM: =109.7nm Ratio:R=26.5% G=71.0% B=2.5%

Render Index: Ra = 83.4

R1 =84 R2 =95 R3 =91 R4 =80 R5 =84 R6 =95 R7 =79

R8 =58 R9 =14 R10=90 R11=81 R12=81 R13=87 R14=96 R15=76

LEVEL:OUT WHITE:ANSI\_2700K

### Photometric & Radiometric Parameters

Flux = 341.46 lm Eff. : 0.00 lm/W Fe = 1.0851 W

### Electrical parameters

V = 0 V I = 0 A P = 0 W PF = 0

**Schiefer Professional Lighting**

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