

# 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:** L641754740

## 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	E
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°)	510 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	4 000
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 without separate control gear, light-	Height	55	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	50	
	Depth	50	
			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)	0,384 0,384
<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	40
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	12	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.	-(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;

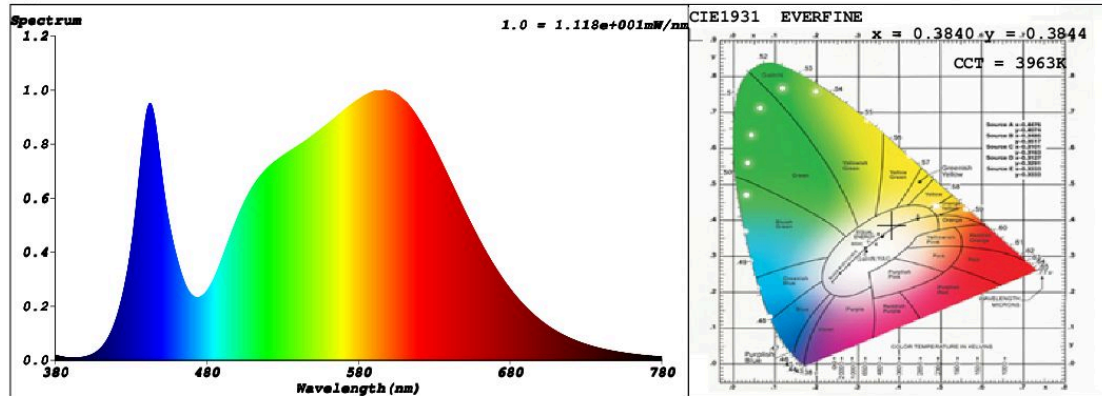
## SPL Spectrum Test Report

Sample	:	Date	: 2021-07-01 13:29:25
Specification	: L641754740	Sam. Status	:
Sample No.	: L641754740-459	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Renee
		Assessor	: damin

### Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 50298 (77%)
Test Mode	: Fast Test	T	: 39 ms
		Sensitivity	: High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3840$   $y = 0.3844$  /  $u' = 0.2244$   $v' = 0.5054$  ( $duv=2.54e-03$ )

CCT= 3963K Prcp WL: Ld=577.9nm Purity=30.6%

Peak WL: Lp=598nm FWHM: =156.7nm Ratio:R=18.3% G=78.4% B=3.2%

Render Index: Ra = 82.8

R1 =81 R2 =86 R3 =92 R4 =84 R5 =82 R6 =83 R7 =87

R8 =67 R9 =12 R10=69 R11=85 R12=69 R13=82 R14=95 R15=75

LEVEL:OUT WHITE:ANSI\_4000K

### Photometric & Radiometric Parameters

Flux = 662.81 lm Eff. : 93.42 lm/W Fe = 2.0350 W

### Electrical parameters

V = 229.8 V I = 0.03363 A P = 7.095 W PF = 0.9180

**Schiefer Professional Lighting**

www.spl-lighting.com