

# 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:** L022790509

## 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:	No

## Product parameters

Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	10	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°)	1 300 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	6 500
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	80
Outer dimensions without separate control gear, lighting control	Height	115	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	29	
	Depth	29	
			See image in last page

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)	0,311 0,329
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	11	Survival factor	0,90
the lumen maintenance factor	0,93		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,50	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;

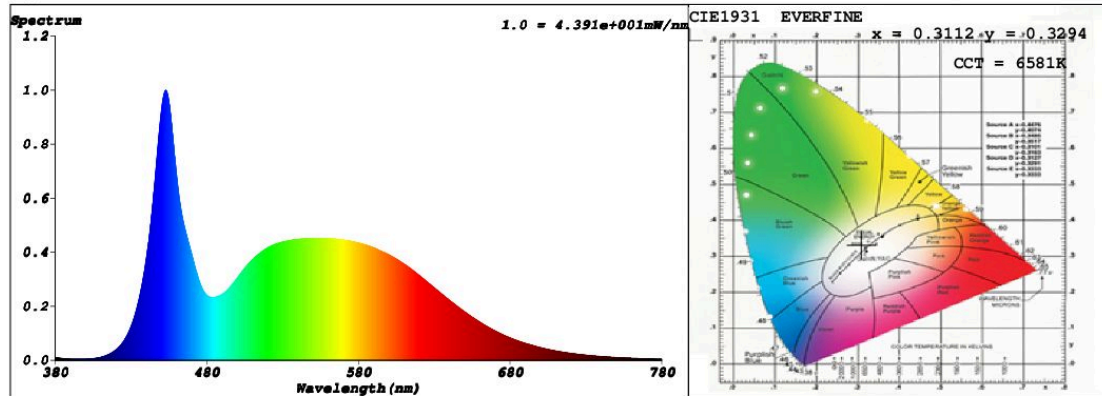
## SPL Spectrum Test Report

Sample	:	Date	: 2019-11-06 16:08:44
Specification	: L022790509	Sam. Status	:
Sample No.	: L022790509 01	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Schiefer
		Assessor	: damin

### Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52989 (81%)
Test Mode	: Fast Test	T	: 20 ms
		Sensitivity	: High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3112$   $y = 0.3294$  /  $u' = 0.1967$   $v' = 0.4683$  ( $duv=4.14e-03$ )

CCT= 6581K Prcp WL: Ld=489.4nm Purity=7.8%

Peak WL: Lp=453nm FWHM: =22.3nm Ratio:R=13.3% G=80.9% B=5.7%

Render Index: Ra = 83.5

R1 =82 R2 =88 R3 =91 R4 =82 R5 =82 R6 =83 R7 =89

R8 =71 R9 =11 R10=71 R11=81 R12=56 R13=84 R14=95 R15=77

LEVEL:OUT WHITE:ANSI\_6500K

### Photometric & Radiometric Parameters

Flux = 1290.0 lm Eff. : 130.23 lm/W Fe = 4.1972 W

### Electrical parameters

V = 229.8 V I = 0.07925 A P = 9.906 W PF = 0.5440

**Schiefer Professional Lighting**

www.spl-lighting.com