

# 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:** L642812307

## 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	16	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°)	850 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	16,0	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	93
Outer dimensions without separate control gear, light-	Height	112	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	120	
	Depth	120	
			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)	0,458 0,405
<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	35
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	58	Survival factor	1,00
the lumen maintenance factor	0,72		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,90	Colour consistency in McAdam ellipses	3
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)	0,1	Stroboscopic effect metric (SVM)	0,3

(a)'.-' : not applicable;

(b)'.-' : not applicable;

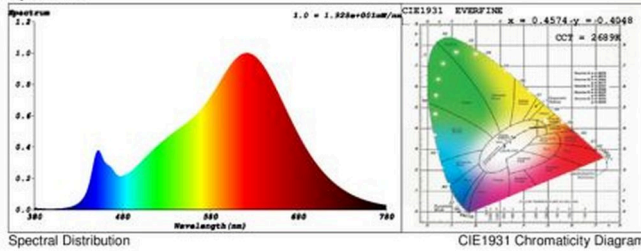
**SPL Spectrum Test Report**

Sample	:		Date	:	2021-07-21 09:44:21
Specification	:	L642812307	Sam. Status	:	
Sample No.	:	1	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Renee	Test by	:	Renee
			Assessor	:	damin

**Test Condition**

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	54062 (82%)
Test Mode	:	Fast Test	T	:	26 ms
			Sensitivity	:	High

**Spectrum**



**Colorimetric Parameters**

Chromaticity Coordinate:  $x = 0.4574$   $y = 0.4048$  /  $u' = 0.2635$   $v' = 0.5247$  ( $duv = -1.97e-03$ )  
 CCT= 2689K Prcp WL: Ld=584.9nm Purity=58.8%  
 Peak WL: Lp=621nm FWHM: =137.8nm Ratio:R=26.8% G=70.5% B=2.7%

Render Index: Ra = 92.9

R1 =94 R2 =99 R3 =98 R4 =93 R5 =95 R6 =97 R7 =89  
 R8 =79 R9 =58 R10=96 R11=95 R12=87 R13=96 R14=100 R15=89  
 LEVEL:OUT WHITE:ANSI\_2700K

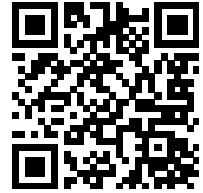
**Photometric & Radiometric Parameters**

Flux = 862.39 lm Eff. : 85.74 lm/W Fe = 3.0306 W

**Electrical parameters**

V = 229.9 V I = 0.04828 A P = 10.06 W PF = 0.9063

Model placed on the Union market from 29/04/2021



**EPREL registration number:** 706644

<https://eprel.ec.europa.eu/qr/706644>

**Supplier:** Schiefer Signaal Speciaallampen B.V. (Importer)

**Website:** [www.schiefer.nl](http://www.schiefer.nl)

**Customer care service:**

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