

# 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:** L226081827

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	Ba22d		
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	8	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°)	806 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	8,0	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	105	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	60	
	Depth	60	
			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)	0,460 0,411
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	5	Survival factor	0,90
the lumen maintenance factor	0,93		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,75	Colour consistency in McAdam ellipses	6
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)	1,0	Stroboscopic effect metric (SVM)	0,4

(a): not applicable;

(b): not applicable;

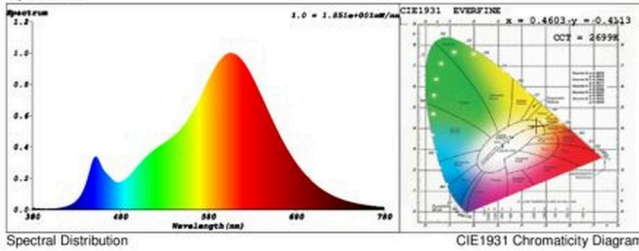
**SPL Spectrum Test Report**

Sample :	Date :	2021-01-04 15:26:01
Specification : L226081827	Sam. Status :	
Sample No. : L226081827	Instrument :	HaasSuite(EVERFINE)
Manufacturer :	Test by :	Schiefer
	Assessor :	damin

**Test Condition**

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 50207 (77%)
Test Mode : Fast Test	T : 24 ms
	Sensitivity : High

**Spectrum**



**Colorimetric Parameters**

Chromaticity Coordinate:  $x = 0.4603$   $y = 0.4113$  /  $u' = 0.2625$   $v' = 0.5277$  ( $duv=2.19e-04$ )  
 CCT= 2699K Prcp WL: Ld=584.1nm Purity=61.6%  
 Peak WL: Lp=605nm FWHM: =112.6nm Ratio:R=25.1% G=72.6% B=2.3%

Render Index: Ra = 82.1

R1 =81 R2 =92 R3 =94 R4 =80 R5 =81 R6 =92 R7 =81  
 R8 =56 R9 =5 R10=83 R11=80 R12=78 R13=84 R14=97 R15=72  
 LEVEL:OUT WHITE:ANSI\_2700K

**Photometric & Radiometric Parameters**

Flux = 837.34 lm Eff. : 119.88 lm/W Fe = 2.5937 W

**Electrical parameters**

V = 229.8 V I = 0.04214 A P = 6.985 W PF = 0.7213

**Schiefer Professional Lighting**  
[www.spl-lighting.com](http://www.spl-lighting.com)