

# 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:** L277230827

## 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:	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	3	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°)	250 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	3,0	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	75	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	45	
	Depth	45	
			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)	0,450 0,410
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	7	Survival factor	0,90
the lumen maintenance factor	0,93		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,85	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;

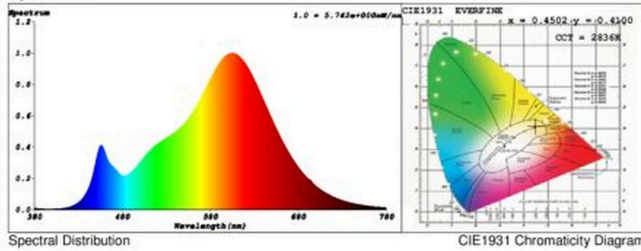
**SPL Spectrum Test Report**

Sample	:		Date	:	2021-07-26 09:19:59
Specification	:	L277230827	Sam. Status	:	
Sample No.	:	1	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:		Test by	:	Renee
			Assessor	:	damin

**Test Condition**

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	50385 (77%)
Test Mode	:	Fast Test	T	:	82 ms
			Sensitivity	:	High

**Spectrum**



**Colorimetric Parameters**

Chromaticity Coordinate:  $x = 0.4502$   $y = 0.4100$  /  $u' = 0.2565$   $v' = 0.5257$  ( $duv=6.95e-04$ )  
 CCT= 2836K Prcp WL: Ld=583.3nm Purity=58.2%  
 Peak WL: Lp=606nm FWHM: =115.7nm Ratio:R=24.2% G=73.2% B=2.7%

Render Index: Ra = 82.8

R1 =82 R2 =93 R3 =93 R4 =80 R5 =83 R6 =93 R7 =81  
 R8 =57 R9 =7 R10=85 R11=80 R12=76 R13=85 R14=97 R15=73  
 LEVEL:OUT WHITE:ANSI\_2700K

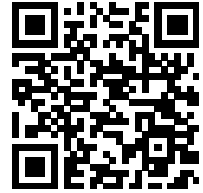
**Photometric & Radiometric Parameters**

Flux = 266.98 lm Eff. : 117.32 lm/W Fe = 815.45 mW

**Electrical parameters**

V = 229.8 V I = 0.01229 A P = 2.276 W PF = 0.8054

Model placed on the Union market from 29/01/2021



**EPREL registration number:** 654300

<https://eprel.ec.europa.eu/qr/654300>

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

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

**Customer care service:**

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