

# 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:** L419970027-1

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	S14s		
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

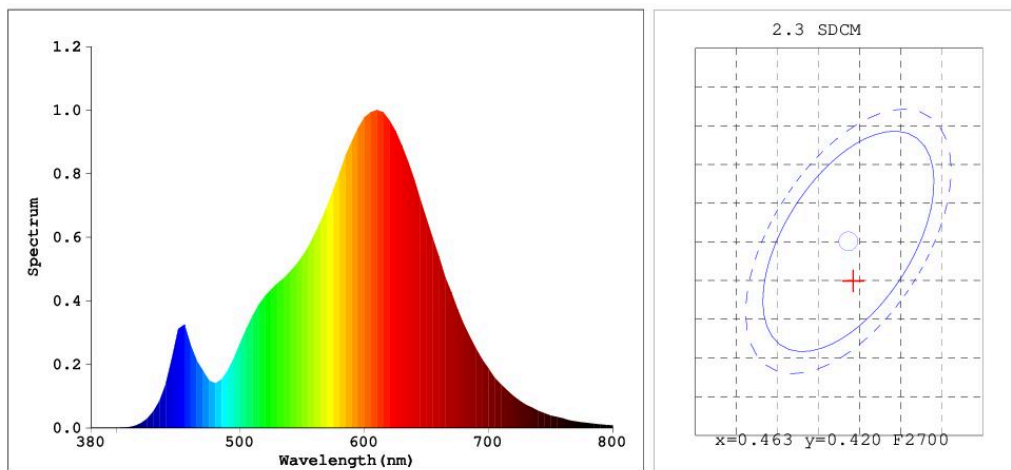
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	9	Energy efficiency class	G
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	640 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	9,0	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, lighting control	Height	47	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	500	
	Depth	30	
			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)	0,464 0,416
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	16	Survival factor	0,90
the lumen maintenance factor	0,70		
<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)	1,0	Stroboscopic effect metric (SVM)	0,4

(a)-: not applicable;

(b)-: not applicable;

**Light Source Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4635$   $y=0.4159$   
 Chromaticity Coordinate:  $u'=0.2625$   $v'=0.5299$  ( $duv=1.65e-03$ )  
 Tc=2691K Dominant WL:Ld=583.7nm Purity=64.0% Centroid WL:598.0nm  
 Ratio:R=27.3% G=70.9% B=1.8% Peak WL:Lp=610.0nm HWL:121.1nm  
 Render Index:Ra=84.5  
 R1 =83 R2 =92 R3 =97 R4 =83 R5 =83 R6 =91 R7 =84  
 R8 =62 R9 =16 R10=82 R11=84 R12=75 R13=85 R14=99 R15=75

**Photo Parameters:**

Flux: 871.20 lm Fe: 2.7222 W Efficacy:105.2 lm/W  
 WHITE:ANSI\_2700K

**Electrical Parameters:**

Luminaire: U=230.9V I=0.06971A P=8.283W PF=0.5147

*Instrument Status:*

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=23848 (G=5,D=61)  
 REF=7563 (R=2) %=-0.013% PMT: 27.2 centigrade [150.0]

Product Type: 98806 LEDnear S14s-8W 2500K  
 Number:12  
 Temperature:25.3 deg  
 Test Operator:DAMIN  
 Software:V3.00.133  
 Manufacturer:lumartec  
 Test Department:lumartec  
 Humidity:65.0%  
 Test Date:2021-05-25 12:50:48  
 Instrument:PMS-80\_V1 (SN:G107113CD1321125)