

# 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:** L419945027-1

## 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

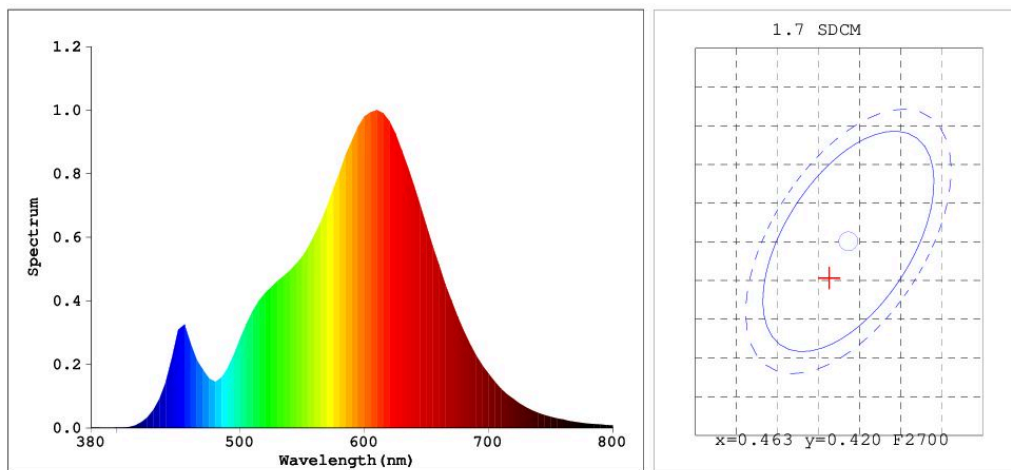
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	18	Energy efficiency class	G
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 450 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	18,0	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	1 000	
	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)	0,461 0,416
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	14	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:  $x=0.4610$   $y=0.4162$   
 Chromaticity Coordinate:  $u'=0.2607$   $v'=0.5296$  ( $duv=1.96e-03$ )  
 $T_c=2727K$  Dominant WL:  $L_d=583.5nm$  Purity=63.3% Centroid WL:  $597.0nm$   
 Ratio:  $R=27.0\%$   $G=71.1\%$   $B=1.9\%$  Peak WL:  $L_p=610.0nm$  HWL:  $120.0nm$   
 Render Index:  $R_a=84.5$   
 R1 =83 R2 =92 R3 =97 R4 =84 R5 =83 R6 =92 R7 =84  
 R8 =61 R9 =14 R10=82 R11=85 R12=76 R13=85 R14=99 R15=75

**Photo Parameters:**

Flux:  $1691.5$  lm Fe:  $5.2215$  W Efficacy:  $103.7$  lm/W  
 WHITE: ANSI\_2700K

**Electrical Parameters:**

Luminaire: U= $230.9V$  I= $0.1385A$  P= $16.31W$  PF= $0.5099$

*Instrument Status:*

Scan Range:  $380.0nm-800.0nm$  Interval:  $5.0nm[0]$   $I_p=47456$  ( $G=5, D=57$ )  
 REF= $14581$  ( $R=2$ )  $\% = 0.007\%$  PMT:  $27.3$  centigrade [ $150.0$ ]

Product Type:  $98809$  LEDnear S14s-18W 2500K 2500K  
 Number:  $16$  Manufacturer: LUMARTEC  
 Temperature:  $25.3$  deg Test Department: LUMARTEC  
 Test Operator: DAMIN Humidity:  $65.0\%$   
 Software: V3.00.133 Test Date:  $2021-05-25$  17:29:12  
 Instrument: PMS-80\_V1 (SN: G107113CD1321125)