

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

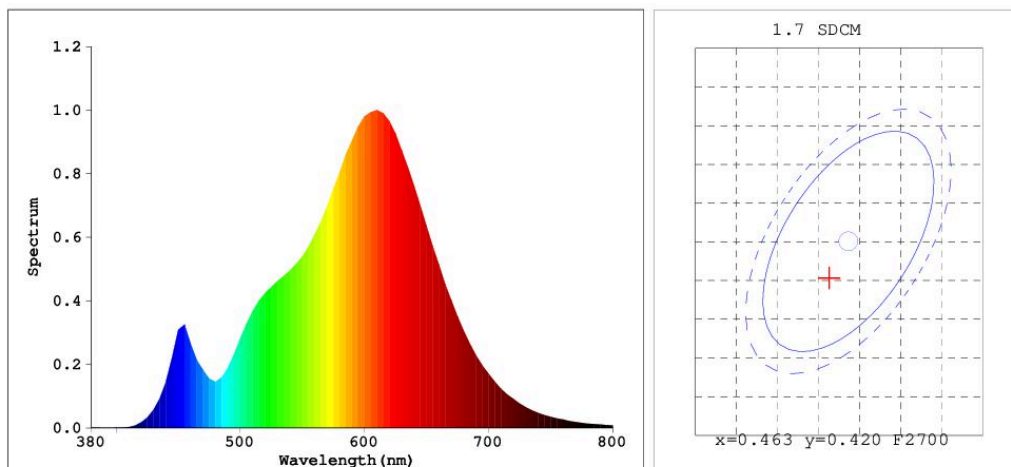
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	18	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	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	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,461 0,416	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	14	Survival factor	0,90	
the lumen maintenance factor	0,70			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_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: $u'=0.2607$ $v'=0.5296$ ($duv=1.96e-03$)

Tc=2727K Dominant WL:Ld=583.5nm Purity=63.3% Centroid WL:597.0nm

Ratio:R=27.0% G=71.1% B=1.9% Peak WL:Lp=610.0nm HWL:120.0nm

Render Index:Ra=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]

REF=14581 (R=2)

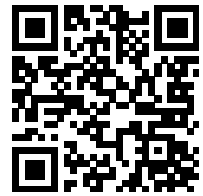
% =0.007%

Ip=47456 (G=5, D=57)

PMT: 27.3 centigrade [150.0]

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

Model placed on the Union market from 01/09/2021



EPREL registration number: 831479

<https://eprel.ec.europa.eu/qr/831479>

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

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

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