

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

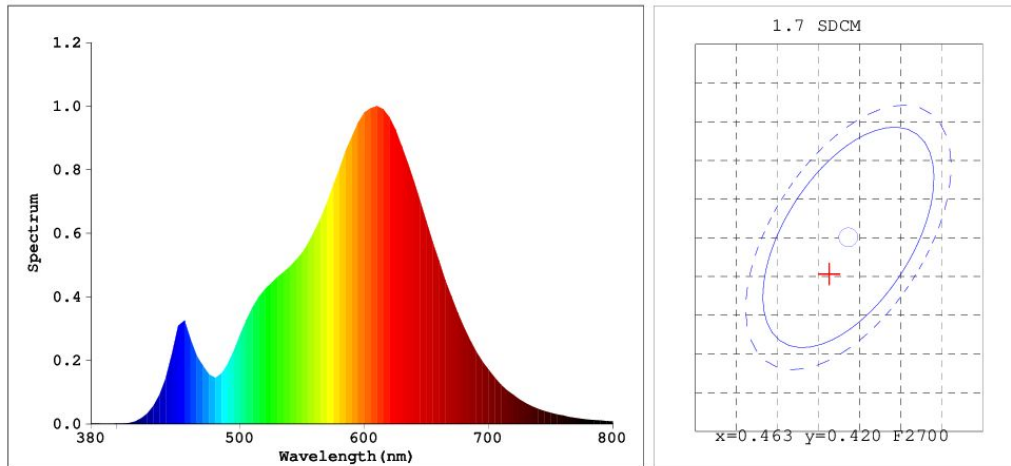
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	18	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	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: $u'=0.2607$ $v'=0.5296$ ($duv=1.96e-03$)
 $T_c=2727K$ 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: $5.0nm[0]$ $Ip=47456 (G=5, D=57)$
 REF=14581 (R=2) $\% = 0.007\%$ PMT: 27.3 centigrade [150.0]

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