

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: L419959927-1

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:	Only with specific dimmers

Product parameters

Parameter	Value	Parameter	Value
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General product parameters:

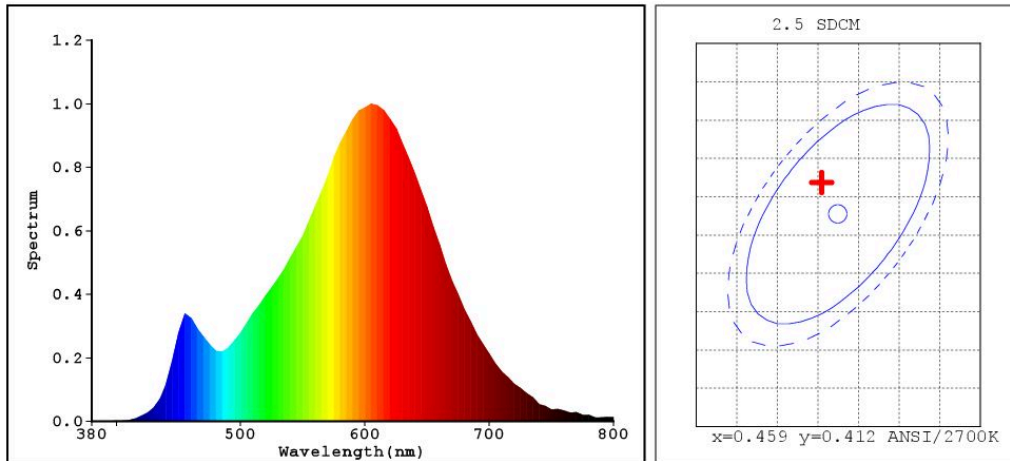
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	6	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	320 in Sphere (360°)	Correlated colour temperature, rounded 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	5,5	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	47	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	300	
	Depth	30	
			See image in last page

ing control parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,458 0,415
Parameters for LED and OLED light sources:			
R9 colour rendering index value	10	Survival factor	0,90
the lumen maintenance factor	0,70		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,90	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: $x=0.4573$ $y=0.4153$
 Chromaticity Coordinate: $u'=0.2588$ $v'=0.5287$ ($duv=1.98e-03$)
 $T_c=2773K$ Dominant WL: $L_d=583.2nm$ Purity=61.9% Centroid WL: $597.0nm$
 Ratio: $R=26.0\%$ $G=71.8\%$ $B=2.2\%$ Peak WL: $L_p=605.0nm$ HWL: $126.4nm$
 Render Index: $R_a=81.8$
 R1 =80 R2 =91 R3 =96 R4 =78 R5 =80 R6 =89 R7 =82
 R8 =59 R9 =10 R10=80 R11=75 R12=71 R13=82 R14=98 R15=73

Photo Parameters:

Flux: 339.49 lm Fe: 0.98473 W Efficacy: 58.73 lm/W

Electrical Parameters:

Lamp : U=230.7V I=0.02560A P=5.780W PF=0.9785

Instrument Status:

Scan Range: 380.0nm-800.0nm Interval: 5.0nm[0] $I_p=866$ ($G=4, D=51$)
 REF=7810 (R=3) $\%=-0.156\%$ *PMT: 26.1 centigrade [150.0]*

Product Type: L419959927-1
 Number: 1
 Temperature: 25.3 deg
 Test Operator:
 Software: V2.00.129

Manufacturer: LUMARTEC
 Test Department: LUMARTEC
 Humidity: 65.0%
 Test Date: 2018-05-10 11:29:03
 Instrument: PMS-80_V1 (SN: G107113CA8321121)