

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: L419950027-1

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

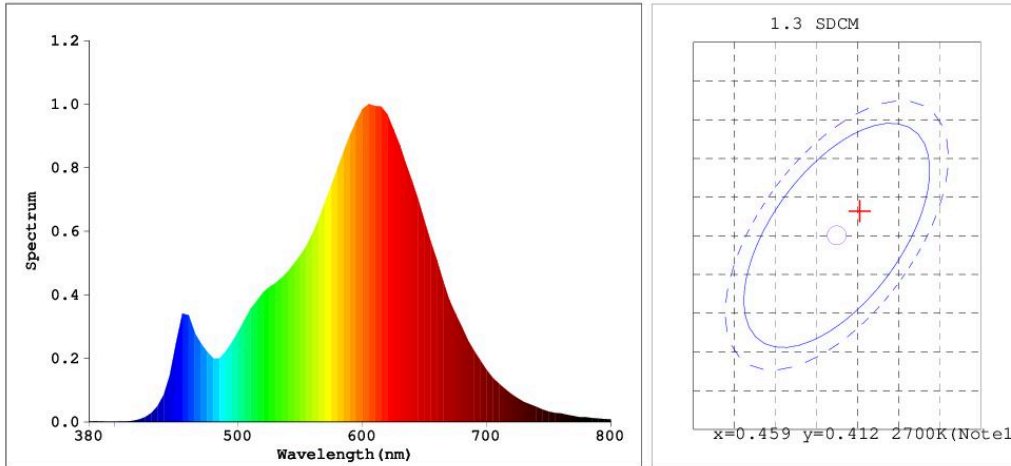
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	7	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	470 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	7,0	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	300	
	Depth	30	
			See image in last page

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: $x=0.4614$ $y=0.4145$
 Chromaticity Coordinate: $u'=0.2617$ $v'=0.5291$ ($duv=1.29e-03$)
 Tc=2709K Dominant WL:Ld=583.8nm Purity=62.9% Centroid WL:597.0nm
 Ratio:R=27.3% G=70.5% B=2.2% Peak WL:Lp=605.0nm HWL:115.4nm
 Render Index:Ra=84.4
 R1 =84 R2 =94 R3 =94 R4 =82 R5 =84 R6 =95 R7 =82
 R8 =60 R9 =14 R10=87 R11=83 R12=78 R13=87 R14=97 R15=75

Photo Parameters:

Flux: 591.43 lm Fe: 1.8344 W Efficacy:93.85 lm/W
 WHITE:ANSI_2700K

Electrical Parameters:

Luminaire: U=230.6V I=0.05087A P=6.302W PF=0.5372

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=17634 (G=5,D=48)
 REF=51952 (R=3) %=-0.304% PMT: 19.4 centigrade [150.0]

Product Type:S14s 300mm 无频闪 Ra80 Manufacturer:LUMARTEC
 Number:6 Test Department:LUMARTEC
 Temperature:25.3 deg Humidity:65.0%
 Test Operator:DAMIN Test Date:2020-12-18 11:05:36
 Software:V3.00.133 Instrument:PMS-80_V1 (SN:G107113CD1321125)