

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: Sales, Potterbakkerstraat 35, 4871EP Etten-Leur Noord Brabant, 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

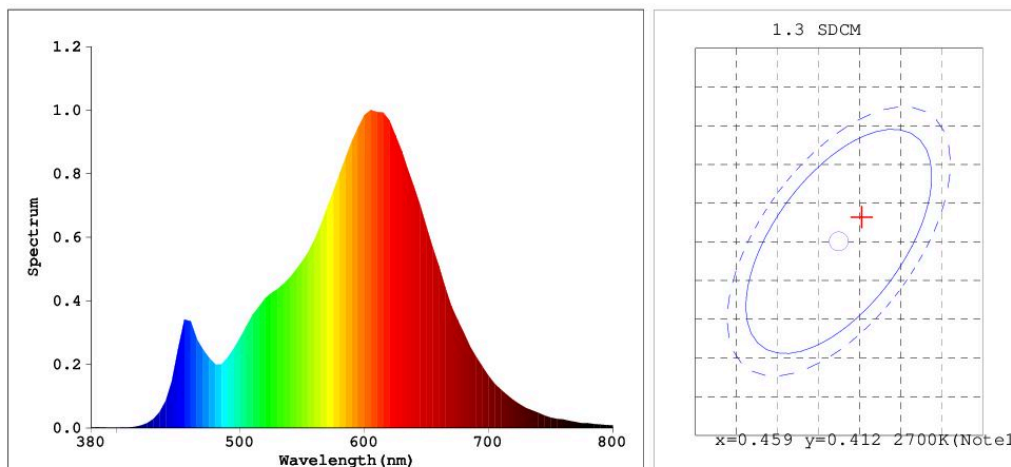
Parameter	Value	Parameter	Value	
General product parameters:				
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	7	Energy efficiency class	G	
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone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

separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)		range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,461
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)