

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: L278011727

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	E27		
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	10	Energy efficiency class	F
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°)	515 in Wide cone (120°)	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	10,0	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, light-	Height	117	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	80	
	Depth	80	
			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)	0,468 0,424
Parameters for directional light sources:			
Peak luminous intensity (cd)	250	Beam angle in degrees, or the range of beam angles that can be set	110
Parameters for LED and OLED light sources:			
R9 colour rendering index value	14	Survival factor	0,70
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)	0,7	Stroboscopic effect metric (SVM)	0,9

(a)'.': not applicable;

(b)'.': not applicable;

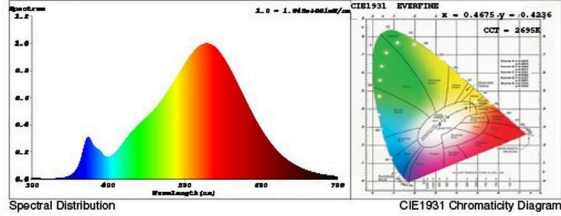


SPL Spectrum Test Report

Sample : Date : 2017-12-13 09:32:30
Specification : Sam. Status :
Sample No. : L278011727-2 Instrument : HaasSuite(EVERFINE)
Manufacturer : Test by :
Assessor : damin

Test Condition
Temperature : 25.3Deg RH : 65.0%
WL Range : 380nm-780nm IP : 50548 (77%)
Test Mode : Fast Test T : 22 ms
Sensitivity : High

Spectrum



Colorimetric Parameters
Chromaticity Coordinates: $x = 0.4675$ $y = 0.4236$ / $u' = 0.2616$ $v' = 0.5333$ ($duv = 4.09e-03$)
CCT= 2695K Prop WL: $L_d = 583.0$ nm Purity=67.5%
Peak WL: $L_p = 610$ nm FWHM: =128.8nm Ratio:R=24.9% G=73.0% B=2.1%

Render Index: Ra = 83.0
R1=81 R2=90 R3=98 R4=80 R5=80 R6=88 R7=85
R8=61 R9=14 R10=78 R11=78 R12=68 R13=83 R14=99 R15=74
LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters
Flux = 870.95 lm Eff. : 89.39 lm/W $\Phi_e = 2.7288$ W

Electrical parameters

V = 220.0 V I = 0.08241 A P = 9.744 W PF = 0.5374

Schleifer Professional Lighting
www.professional-lighting.eu