

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: L271251727

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	15	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°)	800 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	15,0	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	170	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	125	
	Depth	125	
			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)	0,463 0,419
Parameters for directional light sources:			
Peak luminous intensity (cd)	390	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	20	Survival factor	0,70
the lumen maintenance factor	0,70		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,80	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;



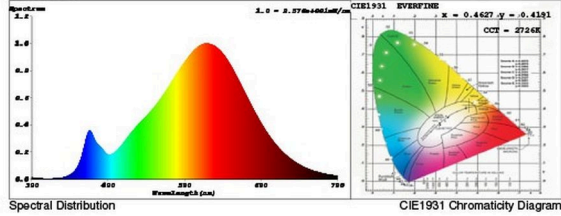
SPL Spectrum Test Report

Sample : Date : 2017-06-06 13:07:30
Specification : Sam. Status : Clear
Sample No. : L271251727-1 Instrument : HaasSuite(EVERFINE)
Manufacturer : Test by : Ralf
Assessor : damin

Test Condition

Temperature : 25.3Deg RH : 65.0%
WL Range : 380nm-780nm IP : 51117 (78%)
Test Mode : Fast Test T : 15 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinates: $x = 0.4627$ $y = 0.4191$ / $u' = 0.2605$ $v' = 0.5310$ ($duv=2.87e-03$)
CCT= 2726K Prop WL: $\lambda_d=583.2nm$ Purity=64.7%
Peak WL: $\lambda_p=610nm$ FWHM: =136.0nm Ratio:R=24.7% G=73.1% B=2.2%

Render Index: Ra = 83.5

R1=81 R2=91 R3=98 R4=80 R5=81 R6=88 R7=86
R8=64 R9=20 R10=79 R11=77 R12=68 R13=83 R14=99 R15=75
LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 1245.3 lm Eff. : 68.66 lm/W $\Phi_e = 4.0068$ W

Electrical parameters

V = 230.1 V I = 0.08103 A P = 18.14 W PF = 0.9729

Schleifer Professional Lighting
www.professional-lighting.eu