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: L279513727-1

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
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	11	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	610 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	11,0	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	80
Outer dimensions without separate control gear, light-	Height: 137	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width: 95		
	Depth: 95		

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 0,417
Parameters for directional light sources:				
Peak luminous intensity (cd)		275	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 ϕ1)		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;

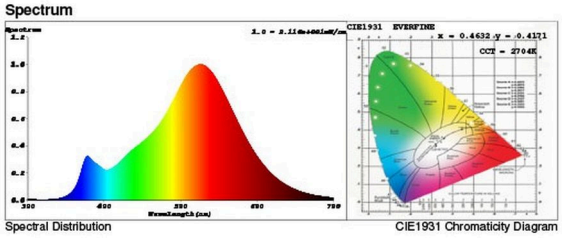
SPL Spectrum Test Report

Sample	: 1-1	Date	: 2017-11-02 13:33:35
Specification	: L279513727	Sam. Status	:
Sample No.	: L279513727	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: Tenia	Test by	: sheena
		Assessor	: damin

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52230 (90%)
Test Mode	: Fast Test	T	: 20 ms
		Sensitivity	: High

Spectrum



Spectral Distribution CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4632 y = 0.4171 / u' = 0.2617 v' = 0.5303 (duv=2.11e-03)
CCT= 2704K Prcp WL: Ld=583.5nm Purity=64.2%
Peak WL: Lp=606nm FWHM: =118.2nm Ratio:R=24.9% G=72.5% B=2.5%

Render Index: Ra = 82.2

R1 =81	R2 =93	R3 =93	R4 =78	R5 =81	R6 =93	R7 =81	
R8 =57	R9 =9	R10=84	R11=77	R12=76	R13=84	R14=97	R15=73

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 974.28 lm Eff. : 87.32 lm/W Fe = 3.0416 W

Electrical parameters

V = 230.0 V I = 0.08913 A P = 11.16 W PF = 0.5444

Schiefer Professional Lighting
www.professional-lighting.eu