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: L277355127

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
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:	No

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	4	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)	320 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	3,5	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, lighting control — Height	100	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	55		
Depth	55		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,471 0,420
Parameters for LED and OLED light sources:				
R9 colour rendering index value		9	Survival factor	0,96
the lumen maintenance factor		0,96		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,75	Colour consistency in McAdam ellipses	6
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)		0,1	Stroboscopic effect metric (SVM)	0,3

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

EVERFINE

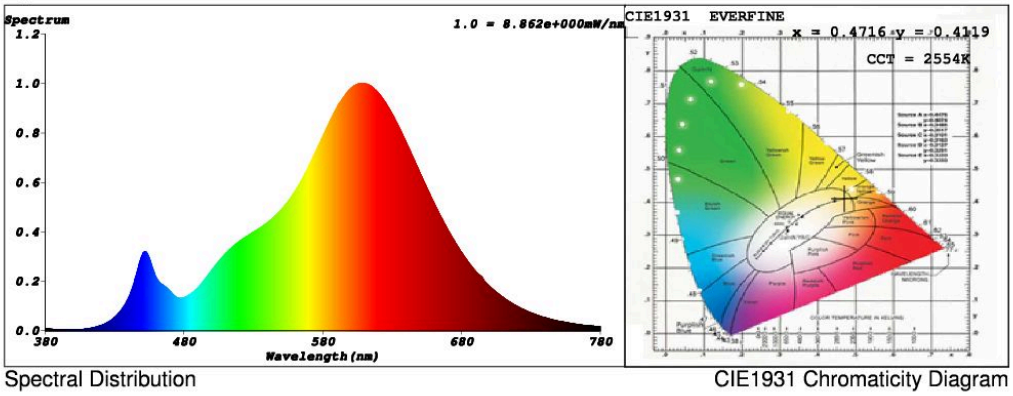
SPL Spectrum Test Report

Sample	:	Date	: 2021-06-15 10:12:06
Specification	: L277355127	Sam. Status	:
Sample No.	: L277355127 02	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Schiefer
		Assessor	: damin

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 56709 (87%)
Test Mode	: Fast Test	T	: 56 ms
		Sensitivity	: High

Spectrum



Spectral Distribution CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4716 y = 0.4119 / u' = 0.2695 v' = 0.5296 (duv=-3.48e-04)

CCT= 2554K Prcp WL: Ld=585.1nm Purity=65.2%

Peak WL: Lp=608nm FWHM: =109.9nm Ratio:R=26.5% G=71.5% B=2.0%

Render Index: Ra = 82.7

R1 =82	R2 =92	R3 =94	R4 =81	R5 =82	R6 =93	R7 =81	
R8 =57	R9 =9	R10=84	R11=81	R12=80	R13=84	R14=98	R15=73

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 385.44 lm Eff. : 115.58 lm/W Fe = 1.2158 W

Electrical parameters

V = 230.0 V I = 0.02881 A P = 3.335 W PF = 0.5033

Schiefer Professional Lighting

www.spl-lighting.com