

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: L024314127

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E14		
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	2	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°)	140 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	2,0	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, lighting control	Height	53	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	23	
	Depth	23	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,452 0,401
Parameters for LED and OLED light sources:			
R9 colour rendering index value	11	Survival factor	0,90
the lumen maintenance factor	0,93		
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)	0,2	Stroboscopic effect metric (SVM)	0,1

(a)-: not applicable;

(b)-: not applicable;

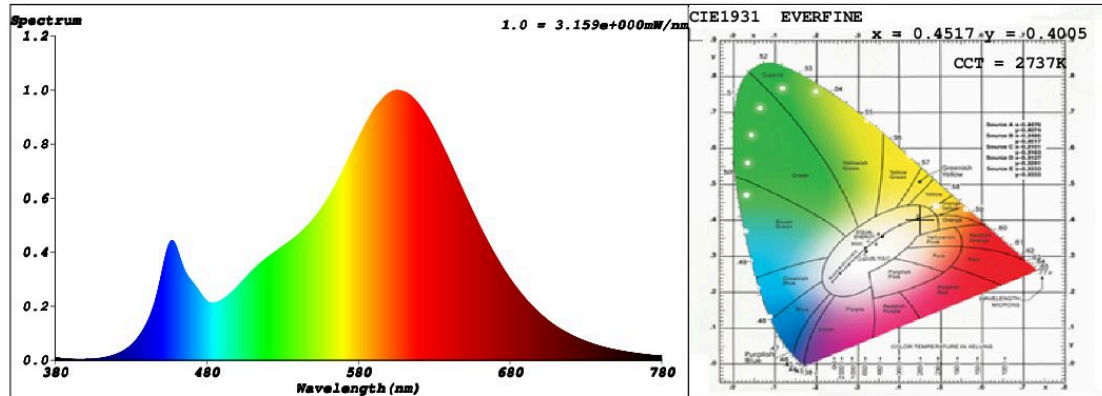
SPL Spectrum Test Report

Sample	:	Date	: 2021-03-23 10:14:31
Specification	: I024314127	Sam. Status	:
Sample No.	: I024314127 02	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Schiefer
		Assessor	: damin

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 47893 (73%)
Test Mode	: Fast Test	T	: 134 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4517$ $y = 0.4005$ / $u' = 0.2618$ $v' = 0.5222$ ($duv = -3.09e-03$)

CCT= 2737K Prcp WL: Ld=585.1nm Purity=55.8%

Peak WL: Lp=606nm FWHM: =113.2nm Ratio:R=25.1% G=72.2% B=2.7%

Render Index: Ra = 82.8

R1 =83 R2 =95 R3 =91 R4 =79 R5 =84 R6 =94 R7 =79

R8 =57 R9 =11 R10=88 R11=79 R12=80 R13=86 R14=96 R15=75

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 143.24 lm Eff. : 65.93 lm/W Fe = 452.87 mW

Electrical parameters

V = 229.9 V I = 0.01824 A P = 2.173 W PF = 0.5180

Schiefer Professional Lighting

www.spl-lighting.com