

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: L022450427

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	G4		
Mains or non-mains:	NMLS	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	E
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°)	220 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	1,8	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	32	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	24	
	Depth	10	
			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)	0,462 0,421
Parameters for LED and OLED light sources:			
R9 colour rendering index value	3	Survival factor	0,90
the lumen maintenance factor	0,93		

(a) : not applicable;

(b) : not applicable;

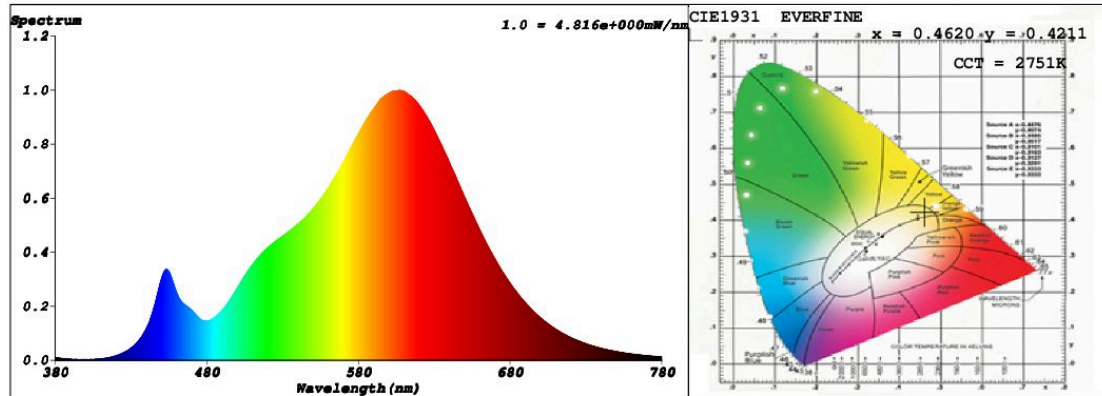
SPL Spectrum Test Report

Sample	:	Date	: 2018-11-12 16:16:05
Specification	: L022450427	Sam. Status	:
Sample No.	: L022450427 1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:
		Assessor	: damin

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52513 (80%)
Test Mode	: Fast Test	T	: 92 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4620$ $y = 0.4211$ / $u' = 0.2592$ $v' = 0.5316$ ($duv=3.65e-03$)

CCT= 2751K Prcp WL: $L_d=582.8nm$ Purity=65.1%

Peak WL: $L_p=607nm$ FWHM: $=119.7nm$ Ratio:R=24.4% G=73.6% B=2.0%

Render Index: $R_a = 81.6$

R1 =79 R2 =90 R3 =97 R4 =80 R5 =79 R6 =88 R7 =83

R8 =57 R9 =3 R10=77 R11=79 R12=69 R13=82 R14=99 R15=71

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 224.62 lm Eff. : 118.72 lm/W $F_e = 675.27$ mW

Electrical parameters

V = 12.04 V I = 0.2366 A P = 1.892 W PF = 0.6642

Schiefer Professional Lighting

www.professional-lighting.eu