

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: 022450227

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:	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	2	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°)	200 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, light-	Height	37	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	15	
	Depth	15	
			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)	0,467 0,409
Parameters for LED and OLED light sources:			
R9 colour rendering index value	4	Survival factor	0,90
the lumen maintenance factor	0,93		

(a) : not applicable;

(b) : not applicable;

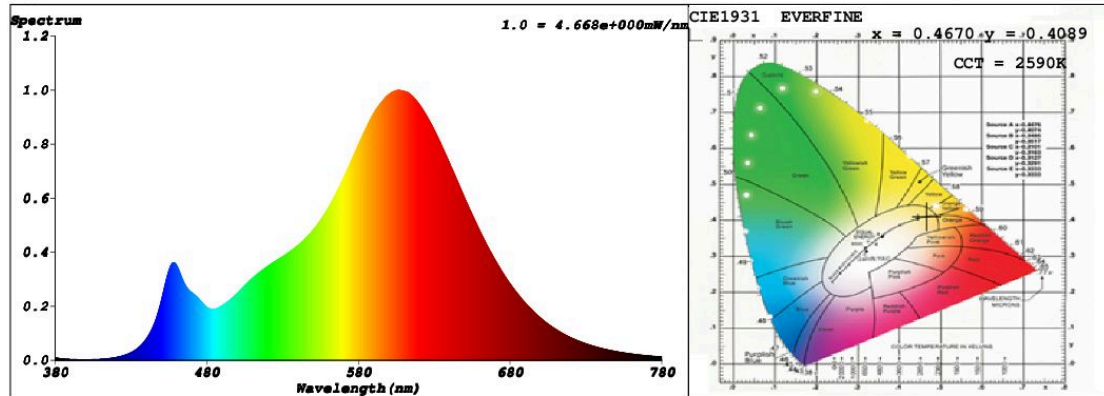
SPL Spectrum Test Report

Sample :	Date :	2019-11-06 11:37:55
Specification : 022450227	Sam. Status :	
Sample No. : 022450227 01	Instrument :	HaasSuite(EVERFINE)
Manufacturer :	Test by :	Schiefer
	Assessor :	damin

Test Condition

Temperature : 25.3Deg	RH :	65.0%
WL Range : 380nm-780nm	IP :	48618 (74%)
Test Mode : Fast Test	T :	89 ms
	Sensitivity :	High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4670$ $y = 0.4089$ / $u' = 0.2679$ $v' = 0.5278$ ($duv = -1.15e-03$)

CCT= 2590K Prcp WL: Ld=585.2nm Purity=62.9%

Peak WL: Lp=606nm FWHM: =105.9nm Ratio:R=26.2% G=71.4% B=2.4%

Render Index: Ra = 81.4

R1 =81 R2 =94 R3 =90 R4 =78 R5 =82 R6 =95 R7 =78

R8 =53 R9 =4 R10=88 R11=77 R12=80 R13=85 R14=95 R15=72

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 202.83 lm Eff. : 110.45 lm/W Fe = 631.38 mW

Electrical parameters

V = 12.02 V I = 0.2412 A P = 1.836 W PF = 0.6333

Schiefer Professional Lighting

www.spl-lighting.com