

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: L022625027

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	W2.1x9.5D		
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	3	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°)	250 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	2,5	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	82
Outer dimensions without separate control gear, lighting control	Height	36	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	15	
	Depth	15	
			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)	0,467 0,416
Parameters for LED and OLED light sources:			
R9 colour rendering index value	12	Survival factor	0,90
the lumen maintenance factor	0,93		

(a) : not applicable;

(b) : not applicable;

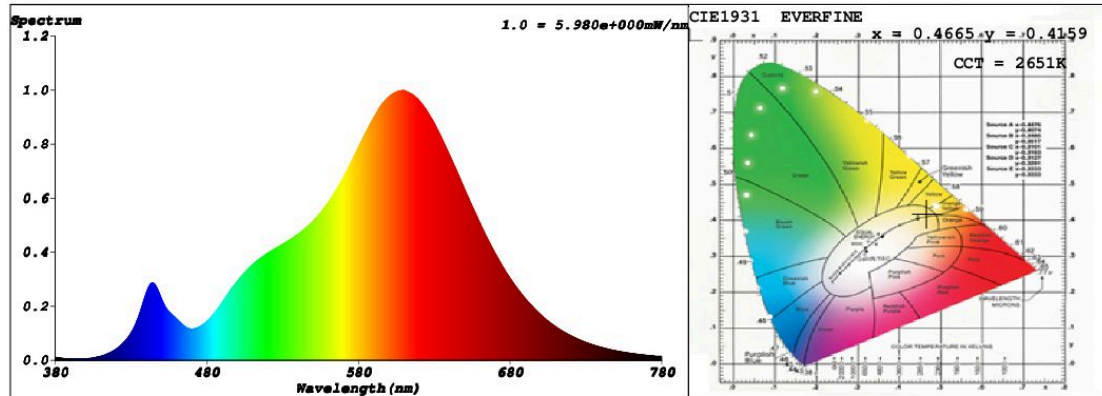
SPL Spectrum Test Report

Sample	:	Date	:	2017-12-13 09:24:15
Specification	:	Sam. Status	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	
		Assessor	:	damin

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	51258 (78%)
Test Mode	:	Fast Test	T	:	69 ms
			Sensitivity	:	High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4665$ $y = 0.4159$ / $u' = 0.2644$ $v' = 0.5303$ ($duv=1.42e-03$)

CCT= 2651K Prcp WL: Ld=584.0nm Purity=64.9%

Peak WL: Lp=609nm FWHM: =113.8nm Ratio:R=25.7% G=72.2% B=2.1%

Render Index: Ra = 84.3

R1 =83 R2 =92 R3 =97 R4 =84 R5 =84 R6 =93 R7 =83

R8 =60 R9 =12 R10=83 R11=85 R12=83 R13=85 R14=99 R15=74

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 267.46 lm Eff. : 0.00 lm/W Fe = 833.75 mW

Electrical parameters

V = 0 V I = 0 A P = 0 W PF = 0

Schiefer Professional Lighting

www.professional-lighting.eu