

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: LF229505622

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	Ba22d		
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:	Only with specific dimmers

Product parameters

Parameter	Value	Parameter	Value
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General product parameters:

Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	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°)	470 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	5,0	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	80
Outer dimensions without separate control gear, light-	Height	95	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	30	
	Depth	30	
			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 0,412
Parameters for LED and OLED light sources:			
R9 colour rendering index value	26	Survival factor	0,96
the lumen maintenance factor	0,96		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,90	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;

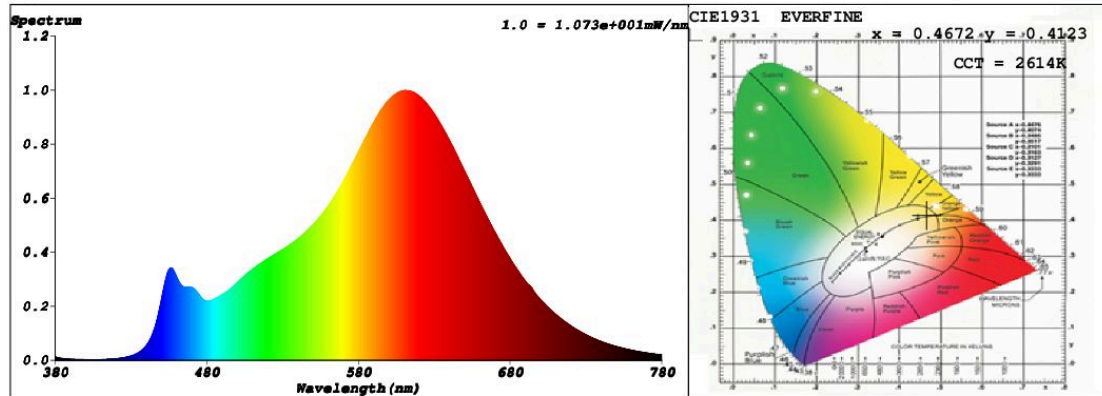
SPL Spectrum Test Report

Sample	:	Date	:	2017-12-12 13:13:58
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	:	47008 (72%)
Test Mode	:	Fast Test	T	:	35 ms
			Sensitivity	:	High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4672$ $y = 0.4123$ / $u' = 0.2665$ $v' = 0.5291$ ($duv=6.81e-05$)

CCT= 2614K Prcp WL: $L_d=584.6nm$ Purity=64.0%

Peak WL: $L_p=611nm$ FWHM: $=118.2nm$ Ratio:R=26.6% G=70.8% B=2.6%

Render Index: $R_a = 86.2$

R1 =87 R2 =97 R3 =92 R4 =84 R5 =88 R6 =97 R7 =82

R8 =64 R9 =26 R10=93 R11=85 R12=83 R13=90 R14=96 R15=79

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 475.94 lm Eff. : 100.97 lm/W $F_e = 1.5626 W$

Electrical parameters

V = 230.1 V I = 0.02376 A P = 4.714 W PF = 0.8624

Schiefer Professional Lighting

www.professional-lighting.eu