

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: Sales, Potterbakkerstraat 35, 4871EP Etten-Leur Noord Brabant, NL

Model identifier: LF023911203

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E27		
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	4	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°)	100 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	2 200
On-mode power (P_{on}), expressed in W	4,0	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	Height	Spectral power distribution in the	See image in last page
	Width		
			165

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	165	range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,519
Parameters for LED and OLED light sources:				
R9 colour rendering index value	15	Survival factor		0,96
the lumen maintenance factor	0,96			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,85	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;

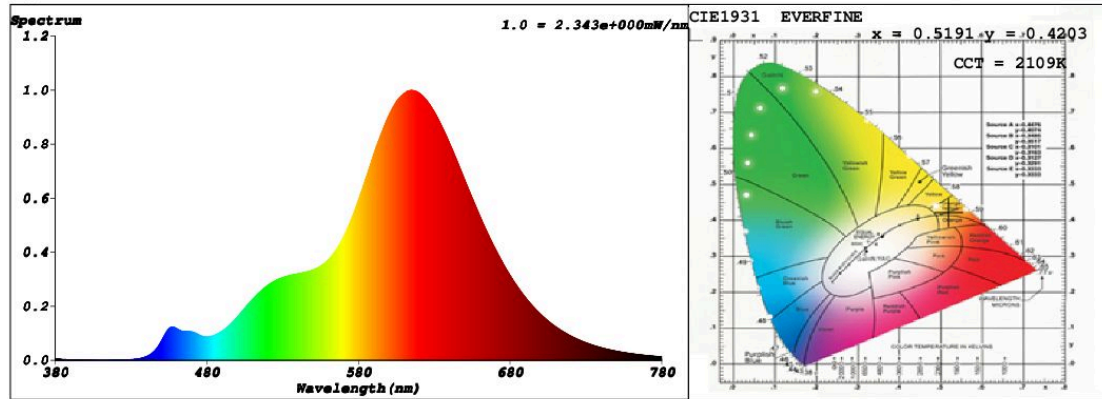
SPL Spectrum Test Report

Sample	:	Date	: 2019-08-06 12:19:10
Specification	: LF023911203	Sam. Status	:
Sample No.	: LF023911203 01	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Schiefer
		Assessor	: damin

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 51967 (79%)
Test Mode	: Fast Test	T	: 187 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.5191$ $y = 0.4203$ / $u' = 0.2964$ $v' = 0.5400$ ($duv=1.79e-03$)

CCT= 2109K Prcp WL: $L_d=587.5nm$ Purity=82.0%

Peak WL: $L_p=615nm$ FWHM: =89.3nm Ratio:R=32.8% G=65.8% B=1.4%

Render Index: $R_a = 85.5$

R1 =87 R2 =97 R3 =91 R4 =88 R5 =89 R6 =95 R7 =80

R8 =58 R9 =15 R10=94 R11=94 R12=91 R13=90 R14=96 R15=75

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 82.818 lm Eff. : 21.16 lm/W $F_e = 274.21$ mW

Electrical parameters

V = 229.9 V I = 0.01978 A P = 3.913 W PF = 0.8607

Schiefer Professional Lighting

www.professional-lighting.eu