

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: LF023870609

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	7	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°)	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	2 200
On-mode power (P_{on}), expressed in W	6,5	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	93
Outer dimensions without separate control gear, light-	Height	105	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	60	
	Depth	60	
			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)	0,509 0,406
Parameters for LED and OLED light sources:			
R9 colour rendering index value	75	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;

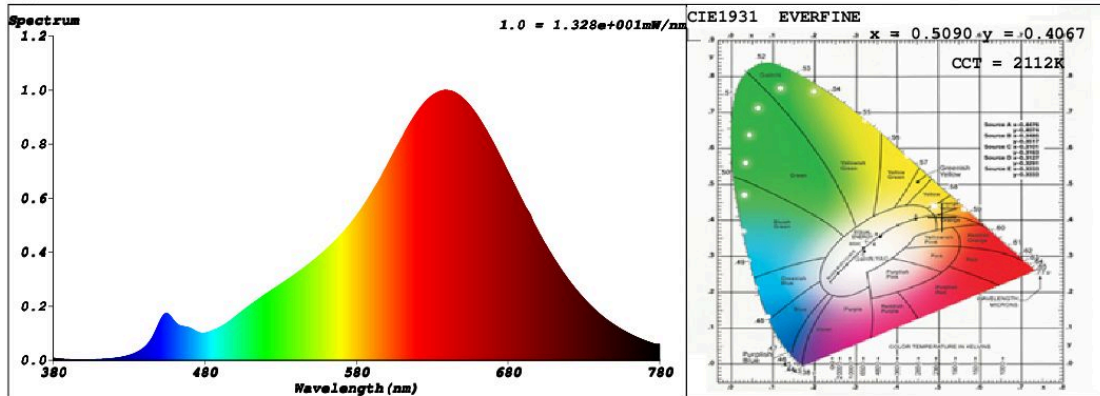
SPL Spectrum Test Report

Sample	:	Date	: 2019-11-18 14:46:56
Specification	: LF023870609	Sam. Status	:
Sample No.	: LF023870609 02	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Schiefer
		Assessor	: damin

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 47654 (73%)
Test Mode	: Fast Test	T	: 32 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.5090$ $y = 0.4067$ / $u' = 0.2967$ $v' = 0.5334$ ($duv = -2.61e-03$)

CCT= 2112K Prcp WL: Ld=588.8nm Purity=74.8%

Peak WL: Lp=639nm FWHM: =122.7nm Ratio:R=33.4% G=64.9% B=1.7%

Render Index: Ra = 95.4

R1 =98 R2 =99 R3 =98 R4 =97 R5 =99 R6 =95 R7 =92

R8 =87 R9 =75 R10=99 R11=98 R12=90 R13=99 R14=99 R15=94

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 449.12 lm Eff. : 74.56 lm/W Fe = 1.9435 W

Electrical parameters

V = 229.8 V I = 0.03435 A P = 6.024 W PF = 0.7630

Schiefer Professional Lighting

www.spl-lighting.com