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: LF023870308

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
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 (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	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	2 500
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	93
Outer dimensions without separate control gear, light-	Height	105	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width	60		
	Depth	60		

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)	0,493 0,413
Parameters for LED and OLED light sources:				
R9 colour rendering index value		58	Survival factor	0,96
the lumen maintenance factor		0,96		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		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;

EVERFINE

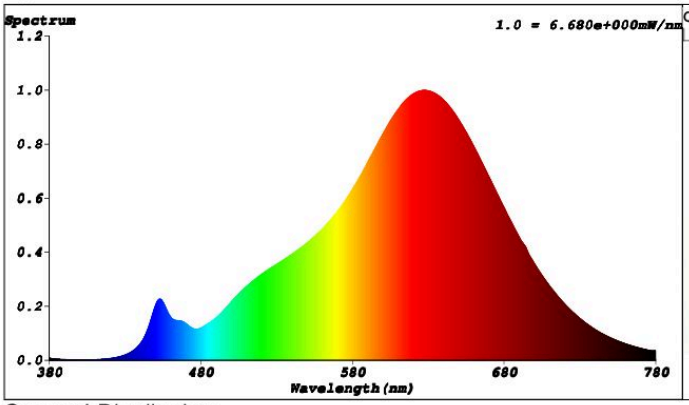
SPL Spectrum Test Report

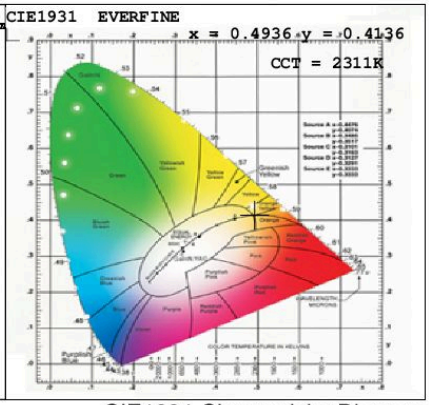
Sample	:	Date	: 2020-12-28 09:26:59
Specification	: LF023870308	Sam. Status	:
Sample No.	: LF023870308 02	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Schiefer
		Assessor	: damin

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 50526 (77%)
Test Mode	: Fast Test	T	: 68 ms
		Sensitivity	: High

Spectrum





Spectral Distribution CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4936 y = 0.4136 / u' = 0.2830 v' = 0.5336 (duv=-4.92e-04)

CCT= 2311K Prcp WL: Ld=586.6nm Purity=72.3%

Peak WL: Lp=628nm FWHM: =123.7nm Ratio:R=30.5% G=67.7% B=1.9%

Render Index: Ra = 93.1

R1 =94	R2 =98	R3 =98	R4 =94	R5 =95	R6 =97	R7 =90	
R8 =79	R9 =58	R10=95	R11=97	R12=91	R13=95	R14=100	R15=88

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 261.61 lm Eff. : 70.80 lm/W Fe = 983.51 mW

Electrical parameters

V = 229.9 V I = 0.01958 A P = 3.695 W PF = 0.8212

Schiefer Professional Lighting

www.spl-lighting.com

Model placed on the Union market from 01/09/2021

EPREL registration number: 831783 https://eprel.ec.europa.eu/qr/831783

Supplier: Schiefer Signaal Speciaallampen B.V. (Importer) **Website:** www.schiefer.nl

Customer care service:

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