

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: LF023930201

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		6	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°)		350 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		6,0	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	520	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width	30		
	Depth	30		

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)	0,478 0,419	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	68	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;

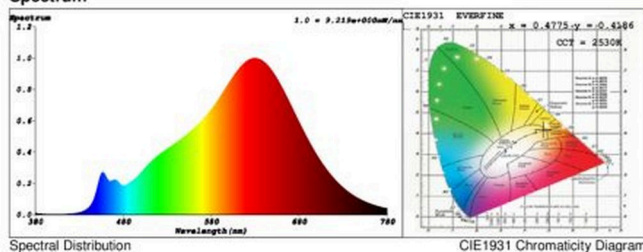
(b) '-': not applicable;

SPL Spectrum Test Report

Sample	:	Date	: 2021-07-23 09:25:13
Specification	: LF023930201	Sam. Status	:
Sample No.	:	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: Renee	Test by	: Renee
		Assessor	: damin

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 390nm-780nm	IP	: 55158 (84%)
Test Mode	: Fast Test	T	: 57 ms
		Sensitivity	: High

Spectrum**Colorimetric Parameters**

Chromaticity Coordinate: $x = 0.4775$ $y = 0.4186$ / $u' = 0.2702$ $v' = 0.5330$ ($duv = 1.67e-03$)

CCT = 2530K Prcp WL: $L_d = 584.6\text{nm}$ Purity = 69.0%

Peak WL: $L_p = 631\text{nm}$ FWHM: $\approx 138.7\text{nm}$ Ratio: R = 28.2% G = 69.5% B = 2.4%

Render Index: $R_a = 94.9$

R1 = 96 R2 = 99 R3 = 99 R4 = 95 R5 = 95 R6 = 98 R7 = 92
 R8 = 85 R9 = 68 R10 = 96 R11 = 97 R12 = 86 R13 = 97 R14 = 99 R15 = 91
 LEVEL: OUT WHITE: OUT

Photometric & Radiometric Parameters

Flux = 390.57 lm Eff. : 98.99 lm/W $F_0 = 1.4505\text{ W}$

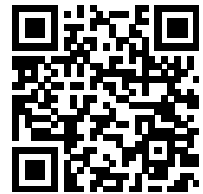
Electrical parameters

V = 229.8 V I = 0.02158 A P = 3.946 W PF = 0.7955

Schiefer Professional Lighting

www.spl-lighting.com

Model placed on the Union market from 01/09/2021 to 12/01/2024



EPREL registration number: 881828

<https://eprel.ec.europa.eu/qr/881828>

Supplier: Schiefer Signaal Speciaallampen B.V. (Importer)

Website: www.schiefer.nl

Customer care service:

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