

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: LF023821509-1

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		2	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°)		120 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		2,0	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	75	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width	45		
	Depth	45		

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)	0,496 0,404	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	62	Survival factor	0,96	
the lumen maintenance factor	0,96			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,75	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;

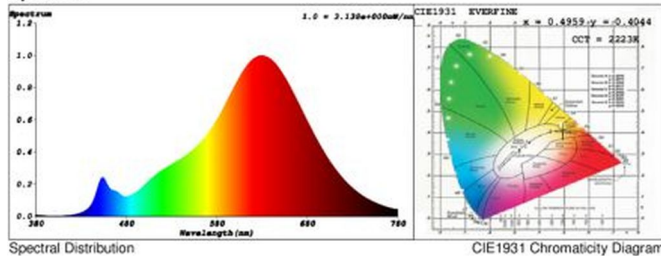
(b) '-': not applicable;

Sample	: 1-1	Date	: 2017-10-16 16:40:38
Specification	: LF023821509-1	Sam. Status	:
Sample No.	: LF023821509-1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: Freelighting	Test by	:
		Assessor	: damin

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 58767 (90%)
Test Mode	: Fast Test	T	: 156 ms
		Sensitivity	: High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4959$ $y = 0.4044$ / $u' = 0.2891$ $v' = 0.5305$ ($duv = -3.52e-03$)
 CCT= 2223K Prcp WL: $L_d = 588.3nm$ Purity=70.2%
 Peak WL: $L_p = 629nm$ FWHM: $= 120.4nm$ Ratio: R=31.8% G=66.2% B=2.0%

Render Index: $R_a = 92.8$

R1 =96 R2 =99 R3 =95 R4 =94 R5 =97 R6 =94 R7 =88
 R8 =80 R9 =62 R10=98 R11=97 R12=89 R13=97 R14=99 R15=90
 LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

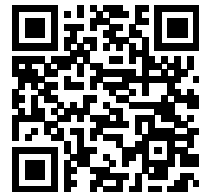
Flux = 116.53 lm Eff. : 65.43 lm/W $P_e = 460.13 mW$

Electrical parameters

V = 240.0 V I = 0.008828 A P = 1.781 W PF = 0.8407

Schiefer Professional Lighting
www.professional-lighting.eu

Model placed on the Union market from 25/05/2021



EPREL registration number: 793159

<https://eprel.ec.europa.eu/qr/793159>

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

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

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