

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: LF023890512

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°)		400 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		6,5	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	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)	0,503 0,410	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	49	Survival factor	0,96	
the lumen maintenance factor	0,96			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	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;

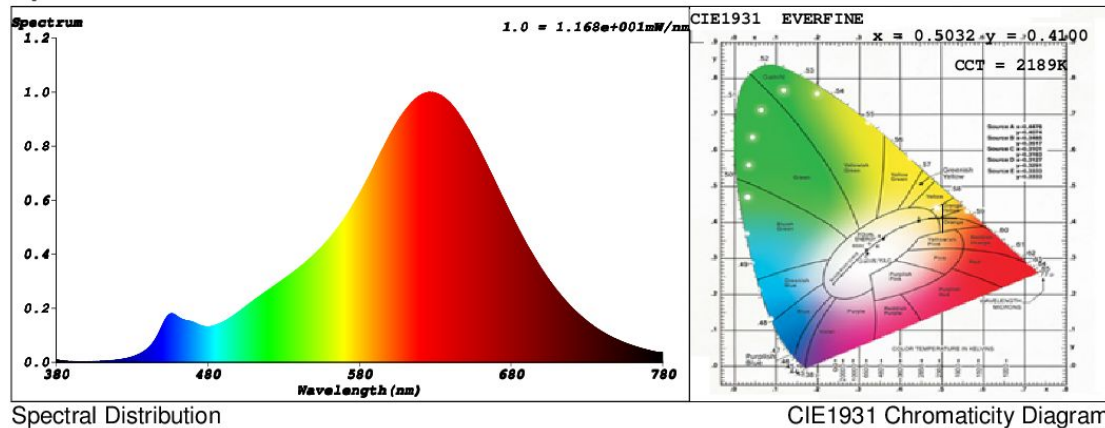
SPL Spectrum Test Report

Sample	:	Date	: 2018-06-29 13:50:11
Specification	: 20180629 LF023890512	Sam. Status	:
Sample No.	: 20180629 LF023890512 01	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:
		Assessor	: damin

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 51844 (79%)
Test Mode	: Fast Test	T	: 38 ms
		Sensitivity	: High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.5032$ $y = 0.4100$ / $u' = 0.2911$ $v' = 0.5337$ ($duv = -1.66e-03$)

CCT= 2189K Prcp WL: Ld=587.9nm Purity=74.1%

Peak WL: Lp=627nm FWHM: =118.4nm Ratio:R=31.8% G=66.3% B=1.9%

Render Index: Ra = 90.4

R1 =91	R2 =98	R3 =95	R4 =90	R5 =92	R6 =96	R7 =86	
R8 =74	R9 =49	R10=96	R11=92	R12=90	R13=94	R14=99	R15=85

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 437.73 lm Eff. : 72.70 lm/W Fe = 1.6644 W

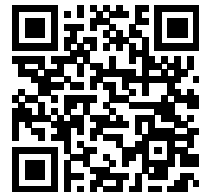
Electrical parameters

V = 230.1 V I = 0.03610 A P = 6.021 W PF = 0.7248

Schiefer Professional Lighting

www.professional-lighting.eu

Model placed on the Union market from 25/03/2021 to 06/05/2024



EPREL registration number: 600679

<https://eprel.ec.europa.eu/qr/600679>

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

Website: www.schiefer.nl

Customer care service:

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