

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: LF023870308-1

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
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 (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	320 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	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

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)	0,467 0,413	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	26	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;

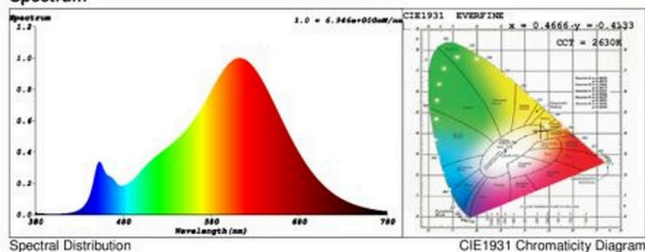
SPL Spectrum Test Report

Sample	: 5-5	Date	: 2018-02-05 11:49:35
Specification	:	Sam. Status	: AC230V
Sample No.	: LF023870308-1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Ralf
		Assessor	: damin

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 390nm-780nm	IP	: 48720 (74%)
Test Mode	: Fast Test	T	: 57 ms
		Sensitivity	: High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4666$ $y = 0.4133$ / $u' = 0.2656$ $v' = 0.5294$ ($duv = 4.60e-04$)

CCT= 2630K Prcp WL: Ld=584.4nm Purity=64.1%

Peak WL: Lp=613nm FWHM: =124.6nm Ratio:R=26.2% G=71.5% B=2.3%

Render Index: Ra = 86.1

R1 =85 R2 =94 R3 =96 R4 =84 R5 =86 R6 =94 R7 =84
 R8 =65 R9 =26 R10=87 R11=84 R12=80 R13=88 R14=99 R15=78
 LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 314.52 lm Eff. : 84.95 lm/W $F_0 = 1.0268$ W

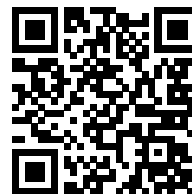
Electrical parameters

V = 230.1 V I = 0.02068 A P = 3.702 W PF = 0.7781

Schiefer Professional Lighting

www.professional-lighting.eu

Model placed on the Union market from 07/06/2021



EPREL registration number: 766522

<https://eprel.ec.europa.eu/qr/766522>

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

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

Website: www.schiefer.nl

Email: info@schiefer.nl

Phone: +31765037717

Address:

Potterbakkerstraat 35
4871EP Etten-Leur
Netherlands