

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: LF023810301

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E14		
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	95
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)	0,485 0,410	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	54	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;

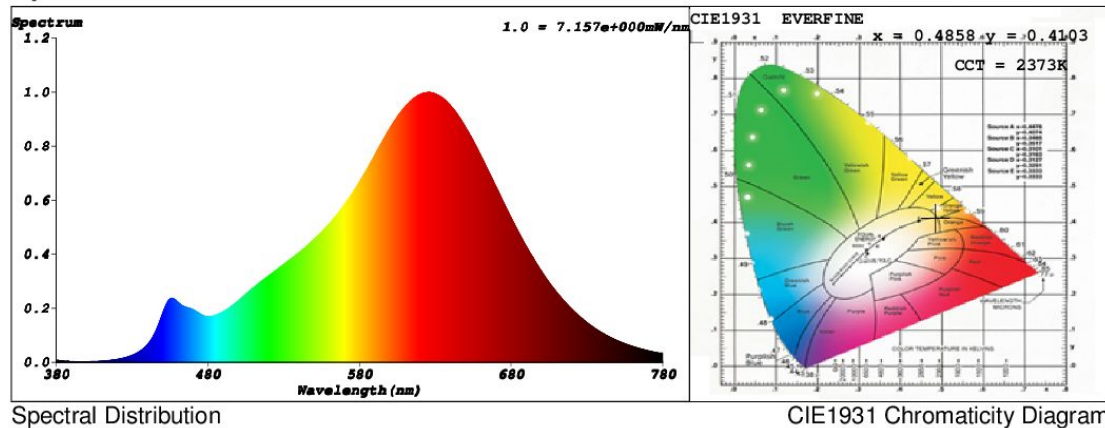
SPL Spectrum Test Report

Sample	:		Date	:	2018-06-29 13:09:31
Specification	:	20180629 LF023810301	Sam. Status	:	
Sample No.	:	20180629 LF023810301 02	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:		Test by	:	
			Assessor	:	damin

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	52984 (81%)
Test Mode	:	Fast Test	T	:	63 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4858$ $y = 0.4103$ / $u' = 0.2795$ $v' = 0.5312$ ($duv = -1.46e-03$)

CCT= 2373K Prcp WL: Ld=586.5nm Purity=69.0%

Peak WL: Lp=625nm FWHM: =125.5nm Ratio:R=29.6% G=68.2% B=2.2%

Render Index: Ra = 91.4

R1 =93	R2 =99	R3 =96	R4 =91	R5 =93	R6 =97	R7 =87	
R8 =76	R9 =54	R10 =96	R11 =93	R12 =89	R13 =94	R14 =99	R15 =87

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 289.88 lm Eff. : 77.22 lm/W Fe = 1.0684 W

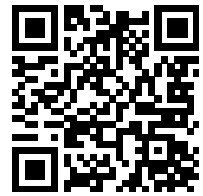
Electrical parameters

V = 230.1 V I = 0.02076 A P = 3.754 W PF = 0.7857

Schiefer Professional Lighting

www.professional-lighting.eu

Model placed on the Union market from 05/03/2021



EPREL registration number: 545618

<https://eprel.ec.europa.eu/qr/545618>

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

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

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