

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: LF023841505-1

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	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°)	100 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	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)	0,494 0,412	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	61	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;

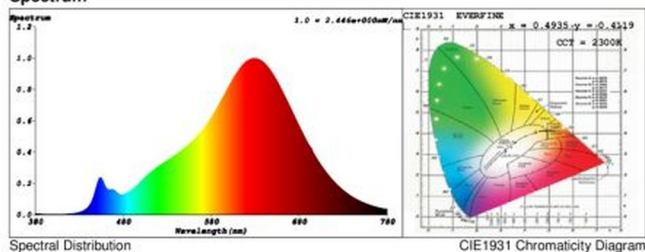
SPL Spectrum Test Report

Sample	:	Date	:	2020-07-21 14:19:57
Specification	:	Sam. Status	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	Schiefer
		Assessor	:	damin

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	51114 (78%)
Test Mode	:	Fast Test	T	:	189 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4935$ $y = 0.4119$ / $u' = 0.2838$ $v' = 0.5329$ ($duv = -1.06e-03$)

CCT= 2300K Prcp WL: Ld=586.9nm Purity=71.8%

Peak WL: Lp=629nm FWHM: =122.4nm Ratio:R=30.7% G=67.3% B=2.0%

Render Index: Ra = 93.5

R1 =95 R2 =99 R3 =97 R4 =94 R5 =96 R6 =96 R7 =90
 R8 =80 R9 =61 R10=97 R11=97 R12=90 R13=96 R14=100 R15=90
 LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 94.322 lm Eff. : 59.93 lm/W $F_0 = 358.33$ mW

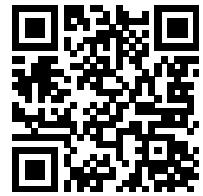
Electrical parameters

V = 229.8 V I = 0.008321 A P = 1.574 W PF = 0.8230

Schiefer Professional Lighting

www.spl-lighting.com

Model placed on the Union market from 31/05/2021



EPREL registration number: 765758

<https://eprel.ec.europa.eu/qr/765758>

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