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: LF024031501

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	Ba15d		
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	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	140 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	1,5	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: 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)	0,477 0,405
Parameters for LED and OLED light sources:				
R9 colour rendering index value		66	Survival factor	0,96
the lumen maintenance factor		0,96		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,80	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;

EVERFINE

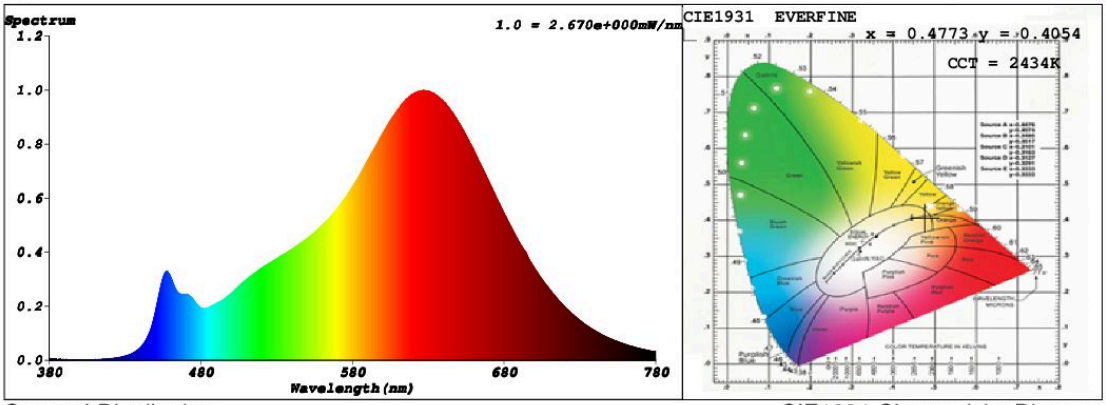
SPL Spectrum Test Report

Sample	:	Date	: 2019-07-23 11:07:03
Specification	:	Sam. Status	:
Sample No.	: LF024031501-1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Schiefer
		Assessor	: damin

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52969 (81%)
Test Mode	: Fast Test	T	: 173 ms
		Sensitivity	: High

Spectrum



Spectral Distribution CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4773 y = 0.4054 / u' = 0.2763 v' = 0.5280 (duv=-2.90e-03)

CCT= 2434K Prcp WL: Ld=586.6nm Purity=65.0%

Peak WL: Lp=627nm FWHM: =124.3nm Ratio:R=29.6% G=67.9% B=2.6%

Render Index: Ra = 93.0

R1 =97	R2 =98	R3 =94	R4 =95	R5 =98	R6 =92	R7 =89	
R8 =82	R9 =66	R10=96	R11=98	R12=84	R13=99	R14=98	R15=92

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 107.54 lm Eff. : 68.09 lm/W Fe = 403.07 mW

Electrical parameters

V = 229.9 V I = 0.008265 A P = 1.579 W PF = 0.8310

Schiefer Professional Lighting
www.professional-lighting.eu

Model placed on the Union market from 01/09/2021

EPREL registration number: 831889

https://eprel.ec.europa.eu/qr/831889

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