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: LF023825800

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	7	Energy efficiency class	G
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)	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	1 800
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: 180	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width: 125		
	Depth: 125		

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)	0,551 0,409
Parameters for LED and OLED light sources:				
R9 colour rendering index value		70	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

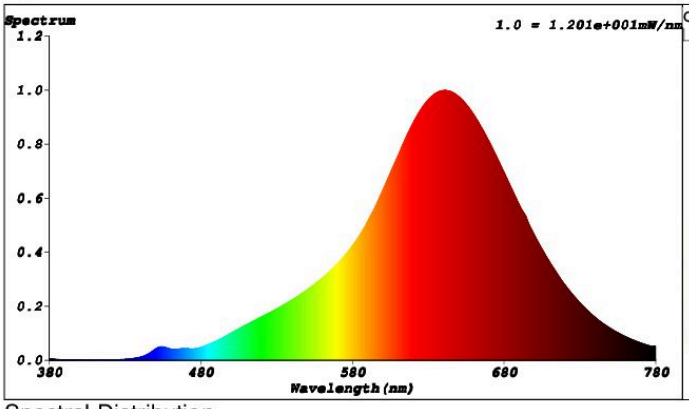
SPL Spectrum Test Report

Sample	:	Date	: 2021-06-18 11:54:55
Specification	: LF023825800	Sam. Status	:
Sample No.	: LF023825800-1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Schiefer
		Assessor	: damin

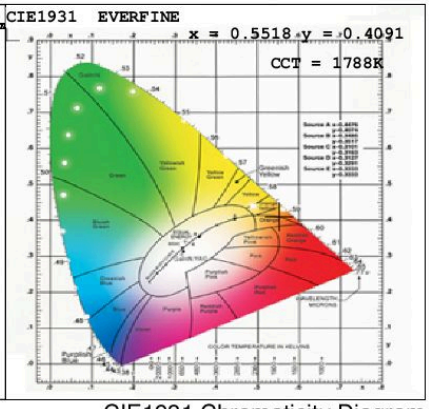
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 56245 (86%)
Test Mode	: Fast Test	T	: 43 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.5518 y = 0.4091 / u' = 0.3243 v' = 0.5410 (duv=-4.31e-04)

CCT= 1788K Prcp WL: Ld=590.9nm Purity=88.4%

Peak WL: Lp=641nm FWHM: =108.3nm Ratio:R=39.0% G=60.0% B=1.1%

Render Index: Ra = 95.3

R1 =97	R2 =100	R3 =99	R4 =98	R5 =98	R6 =95	R7 =91		
R8 =84	R9 =70	R10=99	R11=96	R12=90	R13=98	R14=98	R15=91	

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 331.28 lm Eff. : 49.61 lm/W Fe = 1.5558 W

Electrical parameters

V = 229.9 V I = 0.03719 A P = 6.678 W PF = 0.7810

Schiefer Professional Lighting

www.spl-lighting.com

Model placed on the Union market from 19/03/2021

EPREL registration number: 583071

https://eprel.ec.europa.eu/qr/583071

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