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: LF023880603

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)	400 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: 135	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width: 95		
	Depth: 95		

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)	0,545 0,406
Parameters for LED and OLED light sources:				
R9 colour rendering index value		82	Survival factor	0,96
the lumen maintenance factor		0,96		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		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;

EVERFINE

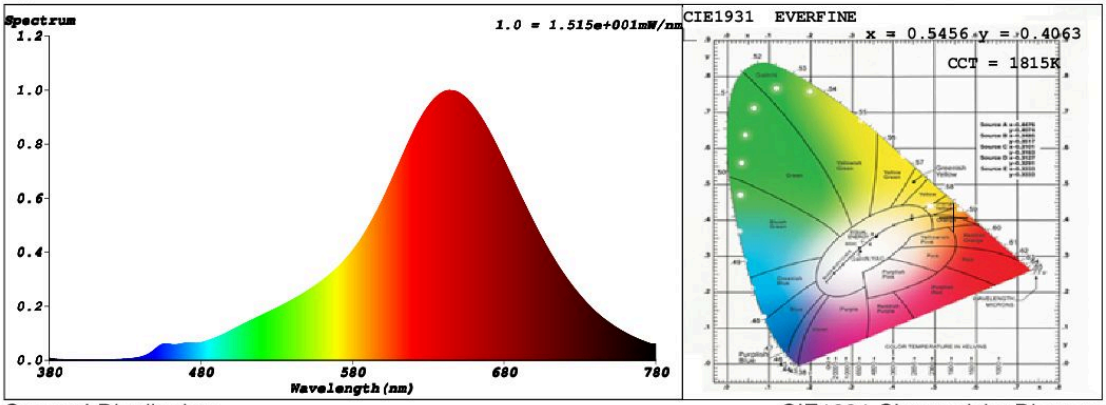
SPL Spectrum Test Report

Sample	: 120V	Date	: 2018-06-20 09:43:11
Specification	: LF023880603	Sam. Status	:
Sample No.	: LF023880603 - 2	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: SPL	Test by	: arjan
		Assessor	: damin

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 49817 (76%)
Test Mode	: Fast Test	T	: 29 ms
		Sensitivity	: High

Spectrum



Spectral Distribution CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.5456 y = 0.4063 / u' = 0.3217 v' = 0.5390 (duv=-7.95e-04)

CCT= 1815K Prcp WL: Ld=591.0nm Purity=85.8%

Peak WL: Lp=644nm FWHM: =109.7nm Ratio:R=38.8% G=59.9% B=1.3%

Render Index: Ra = 95.3

R1 =99	R2 =97	R3 =98	R4 =98	R5 =97	R6 =90	R7 =93	
R8 =90	R9 =82	R10=95	R11=91	R12=81	R13=98	R14=98	R15=96

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 407.40 lm Eff. : 63.48 lm/W Fe = 2.0005 W

Electrical parameters

V = 230.0 V I = 0.03434 A P = 6.418 W PF = 0.8124

Schiefer Professional Lighting
www.professional-lighting.eu