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: LF023850092

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 (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	250 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	93
Outer dimensions without separate control gear, light-	Height: 84	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width: 50		
	Depth: 50		

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)	0,478 0,419
Parameters for LED and OLED light sources:				
R9 colour rendering index value		62	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

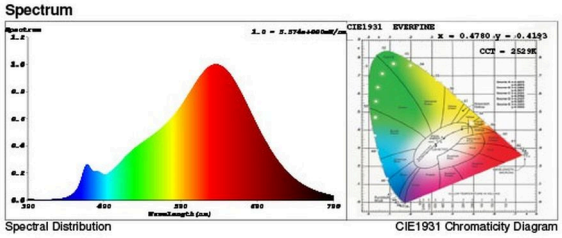
SPL Spectrum Test Report

Sample	:	Date	: 2019-09-19 10:34:40
Specification	: LF023850092	Sam. Status	:
Sample No.	: LF023850092 01	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Schiefer
		Assessor	: damin

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 57047 (97%)
Test Mode	: Fast Test	T	: 89 ms
		Sensitivity	: High

Spectrum



Spectral Distribution CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4780 y = 0.4193 / u' = 0.2702 v' = 0.5333 (duv=1.89e-03)
CCT= 2529K Prcp WL: Ld=584.5nm Purity=69.3%
Peak WL: Lp=626nm FWHM: =136.4nm Ratio:R=28.0% G=69.6% B=2.3%

Render Index: Ra = 93.8

R1 =94	R2 =98	R3 =99	R4 =93	R5 =94	R6 =98	R7 =91	
R8 =82	R9 =62	R10=95	R11=96	R12=86	R13=96	R14=99	R15=89

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 238.56 lm Eff. : 65.37 lm/W Fe = 865.93 mW

Electrical parameters

V = 229.9 V I = 0.01964 A P = 3.649 W PF = 0.8083

Schiefer Professional Lighting
www.professional-lighting.eu