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: LF024116588

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)	470 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	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: 300	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width: 36		
	Depth: 36		

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)	0,486 0,413
Parameters for LED and OLED light sources:				
R9 colour rendering index value		65	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;

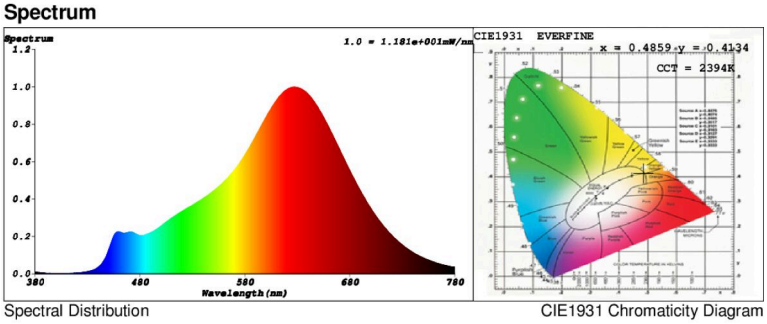
SPL Spectrum Test Report

Sample	: 5-5	Date	: 2017-10-10 13:57:56
Specification	: LF02411658	Sam. Status	:
Sample No.	: LF02411658	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:
		Assessor	: damin

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 51449 (79%)
Test Mode	: Fast Test	T	: 36 ms
		Sensitivity	: High

Spectrum



Spectral Distribution CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4859 y = 0.4134 / u' = 0.2781 v' = 0.5323 (duv=-4.23e-04)
CCT= 2394K Prcp WL: Ld=586.1nm Purity=69.9%
Peak WL: Lp=628nm FWHM: =123.8nm Ratio:R=29.9% G=67.6% B=2.5%

Render Index: Ra = 93.1

R1 =97	R2 =98	R3 =94	R4 =95	R5 =97	R6 =93	R7 =89	
R8 =81	R9 =65	R10=97	R11=98	R12=86	R13=99	R14=98	R15=91

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 470.83 lm Eff. : 78.85 lm/W Fe = 1.7685 W

Electrical parameters

V = 230.0 V I = 0.03180 A P = 5.971 W PF = 0.8165

Schiefer Professional Lighting
www.professional-lighting.eu