

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: LF023810308

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
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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 (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	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	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	120	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	80	
	Depth	80	
			See image in last page

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)	0,479 0,422
Parameters for LED and OLED light sources:			
R9 colour rendering index value	59	Survival factor	0,96
the lumen maintenance factor	0,96		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	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;

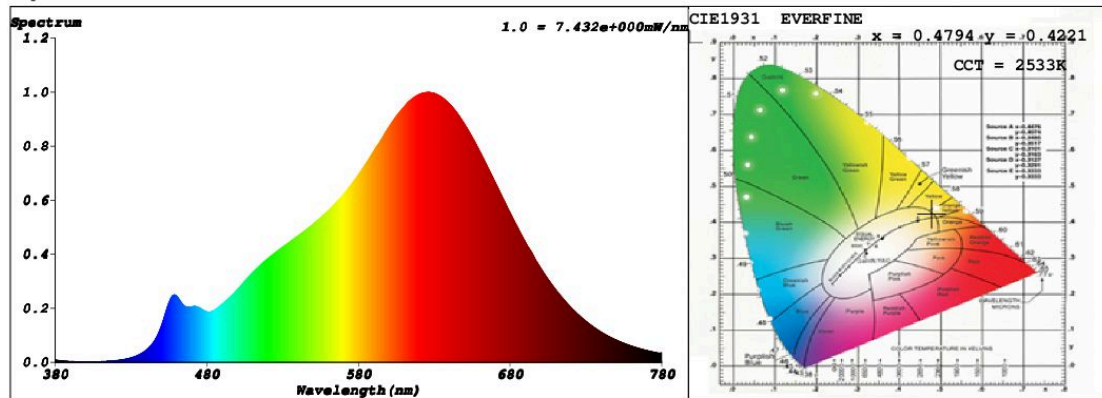
SPL Spectrum Test Report

Sample	:	Date	: 2020-01-03 11:41:55
Specification	: LF023810308	Sam. Status	:
Sample No.	: LF023810308 02	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Schiefer
		Assessor	: damin

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 56623 (86%)
Test Mode	: Fast Test	T	: 68 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4794$ $y = 0.4221$ / $u' = 0.2698$ $v' = 0.5346$ ($duv=2.77e-03$)

CCT= 2533K Prcp WL: $L_d=584.3nm$ Purity=70.6%

Peak WL: $L_p=625nm$ FWHM: $=137.5nm$ Ratio:R=27.9% G=69.8% B=2.3%

Render Index: $R_a = 93.3$

R1 =94 R2 =97 R3 =99 R4 =93 R5 =93 R6 =99 R7 =91

R8 =81 R9 =59 R10=93 R11=94 R12=85 R13=95 R14=99 R15=88

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 320.79 lm Eff. : 83.34 lm/W $F_e = 1.1538 W$

Electrical parameters

V = 229.8 V I = 0.02210 A P = 3.849 W PF = 0.7579

Schiefer Professional Lighting

www.spl-lighting.com