

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: LF023825655-1

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		8	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°)		520 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	2 200
On-mode power (P_{on}), expressed in W		8,0	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	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)	0,533 0,406	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	69	Survival factor	0,96	
the lumen maintenance factor	0,96			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,85	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;

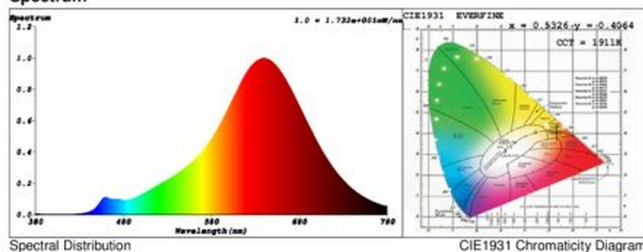
SPL Spectrum Test Report

Sample	:	Date	:	2019-08-06 10:51:34
Specification	:	Sam. Status	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	Schiefer
		Assessor	:	damin

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	390nm-780nm	IP	:	56298 (86%)
Test Mode	:	Fast Test	T	:	29 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.5326$ $y = 0.4064$ / $u' = 0.3128$ $v' = 0.5370$ ($duv = -1.67e-03$)
CCT= 1911K Prcp WL: Ld=590.3nm Purity=81.9%
Peak WL: Lp=640nm FWHM: =115.2nm Ratio:R=36.6% G=61.9% B=1.5%

Render Index: Ra = 93.7

R1 =97 R2 =99 R3 =96 R4 =96 R5 =98 R6 =93 R7 =89
R8 =83 R9 =69 R10=98 R11=99 R12=84 R13=98 R14=99 R15=91
LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

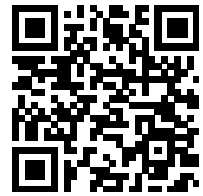
Flux = 525.86 lm Eff. : 65.95 lm/W $F_0 = 2.3791$ W

Electrical parameters

V = 229.8 V I = 0.04162 A P = 7.974 W PF = 0.8337

Schiefer Professional Lighting
www.professional-lighting.eu

Model placed on the Union market from 07/06/2021



EPREL registration number: 766545

<https://eprel.ec.europa.eu/qr/766545>

Supplier: Schiefer Signaal Speciaallampen B.V. (Importer)

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

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