

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: L227250827

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	Ba22d		
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		5	Energy efficiency class	F
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°)		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	2 700
On-mode power (P_{on}), expressed in W		5,0	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	82
Outer dimensions without separate control gear, light-	Height	75	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width	45		
	Depth	45		

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)	0,456 0,408	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	10	Survival factor	0,90	
the lumen maintenance factor	0,98			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,92	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)	1,0	Stroboscopic effect metric (SVM)	0,4	

(a) '-': not applicable;

(b) '-': not applicable;

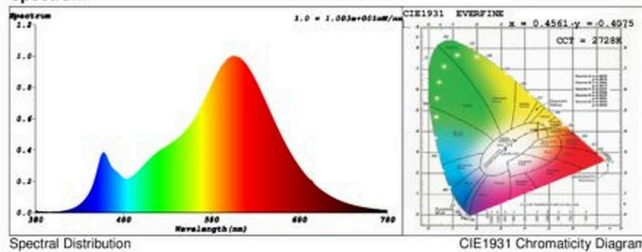
SPL Spectrum Test Report

Sample	:	Date	:	2021-01-04 16:10:16	
Specification	:	Sam. Status	:		
Sample No.	:	L227250827	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	Schiefer	
		Assessor	:	damin	

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	390nm-780nm	IP	:	51085 (78%)
Test Mode	:	Fast Test	T	:	45 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4561$ $y = 0.4075$ / $u' = 0.2615$ $v' = 0.5256$ ($duv = -8.40e-04$)
 CCT= 2728K Prcp WL: Ld=584.3nm Purity=59.2%
 Peak WL: Lp=606nm FWHM: =111.8nm Ratio:R=25.2% G=72.2% B=2.7%

Render Index: Ra = 83.2

R1 =83 R2 =95 R3 =92 R4 =80 R5 =84 R6 =95 R7 =80
 R8 =57 R9 =10 R10=88 R11=81 R12=81 R13=86 R14=96 R15=75
 LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 452.50 lm Eff. : 98.94 lm/W $F_0 = 1.4148$ W

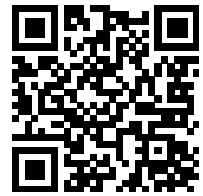
Electrical parameters

V = 229.8 V I = 0.02818 A P = 4.573 W PF = 0.7061

Schiefer Professional Lighting

www.spl-lighting.com

Model placed on the Union market from 31/05/2021



EPREL registration number: 767184

<https://eprel.ec.europa.eu/qr/767184>

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

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

Website: www.schiefer.nl

Email: info@schiefer.nl

Phone: +31765037717

Address:

Potterbakkerstraat 35

4871EP Etten-Leur

Netherlands