

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: L022290509

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:	No

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	10	Energy efficiency class	E
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°)	1 300 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	6 500
On-mode power (P_{on}), expressed in W	10,0	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	80
Outer dimensions without separate control gear, lighting control	Height	113	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	29	
	Depth	29	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,312 0,331
Parameters for LED and OLED light sources:			
R9 colour rendering index value	10	Survival factor	0,90
the lumen maintenance factor	0,93		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,50	Colour consistency in McAdam ellipses	5
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)	0,2	Stroboscopic effect metric (SVM)	0,1

(a)-: not applicable;

(b)-: not applicable;

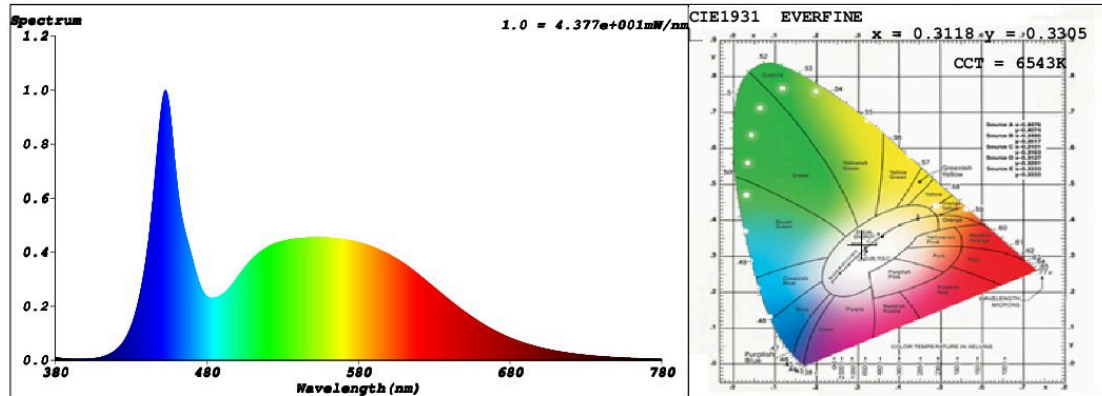
SPL Spectrum Test Report

Sample	:	Date	: 2019-11-06 15:56:37
Specification	: L022290509	Sam. Status	:
Sample No.	: L022290509 02	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Schiefer
		Assessor	: damin

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52713 (80%)
Test Mode	: Fast Test	T	: 20 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3118$ $y = 0.3305$ / $u' = 0.1966$ $v' = 0.4690$ ($duv=4.41e-03$)

CCT= 6543K Prcp WL: Ld=490.0nm Purity=7.5%

Peak WL: Lp=453nm FWHM: =22.1nm Ratio:R=13.3% G=81.0% B=5.7%

Render Index: Ra = 83.2

R1 =81 R2 =88 R3 =91 R4 =82 R5 =82 R6 =82 R7 =89

R8 =71 R9 =10 R10=70 R11=81 R12=56 R13=83 R14=95 R15=77

LEVEL:OUT WHITE:ANSI_6500K

Photometric & Radiometric Parameters

Flux = 1291.5 lm Eff. : 130.58 lm/W Fe = 4.1881 W

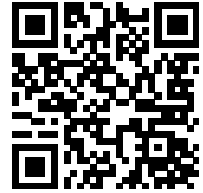
Electrical parameters

V = 229.8 V I = 0.07916 A P = 9.891 W PF = 0.5437

Schiefer Professional Lighting

www.spl-lighting.com

Model placed on the Union market from 01/09/2021



EPREL registration number: 831154

<https://eprel.ec.europa.eu/qr/831154>

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

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

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