

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: L270012500

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°)		140 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	2 000
On-mode power (P_{on}), expressed in W		3,5	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	82
Outer dimensions without separate control gear, light-	Height	145	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)	0,521 0,409	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	10	Survival factor	0,70	
the lumen maintenance factor	0,93			
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)	0,5	Stroboscopic effect metric (SVM)	0,1	

(a) '-': not applicable;

(b) '-': not applicable;

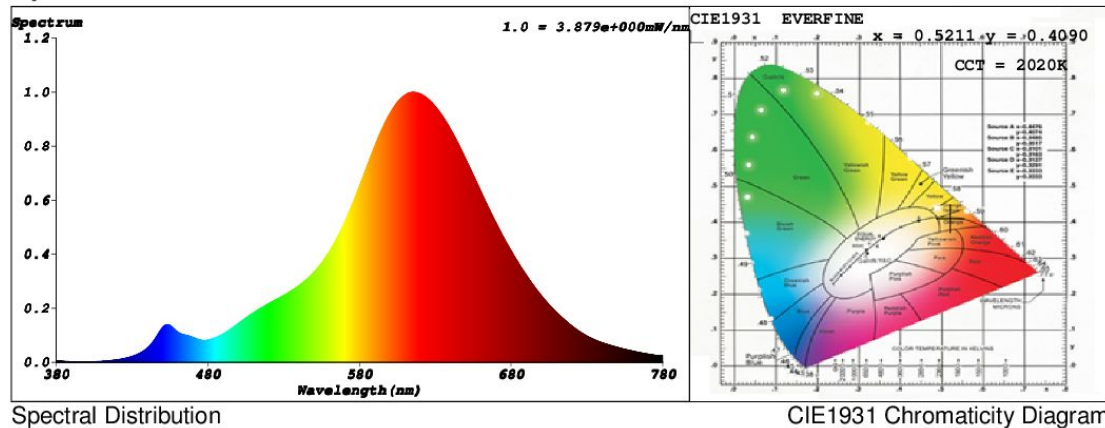
SPL Spectrum Test Report

Sample	:		Date	:	2019-11-27 10:21:49
Specification	:	L270012500	Sam. Status	:	
Sample No.	:	L270012500 sample test 01 139Lm	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:		Test by	:	Schiefer
			Assessor	:	damin

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	49715 (76%)
Test Mode	:	Fast Test	T	:	108 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.5211$ $y = 0.4090$ / $u' = 0.3036$ $v' = 0.5361$ ($duv = -1.50e-03$)

CCT= 2020K Prcp WL: $L_d = 589.2nm$ Purity=79.2%

Peak WL: $L_p = 615nm$ FWHM: $= 103.0nm$ Ratio: R=33.2% G=65.4% B=1.4%

Render Index: $R_a = 81.0$

R1 =80	R2 =94	R3 =90	R4 =77	R5 =81	R6 =96	R7 =77	
R8 =53	R9 =10	R10 =89	R11 =79	R12 =90	R13 =84	R14 =95	R15 =72

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 139.04 lm Eff. : 39.95 lm/W Fe = 491.23 mW

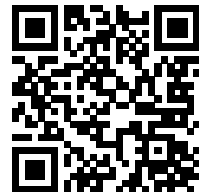
Electrical parameters

V = 229.9 V I = 0.01606 A P = 3.481 W PF = 0.9428

Schiefer Professional Lighting

www.spl-lighting.com

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



EPREL registration number: 831358

<https://eprel.ec.europa.eu/qr/831358>

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

Website: www.schiefer.nl

Customer care service:

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