

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: L277230827

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	3	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°)	250 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	3,0	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	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

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)	0,450 0,410	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	7	Survival factor	0,90	
the lumen maintenance factor	0,93			
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)	1,0	Stroboscopic effect metric (SVM)	0,4	

(a) '-': not applicable;

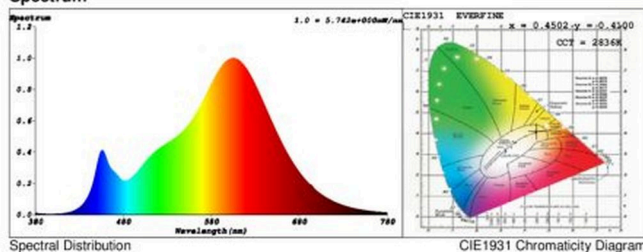
(b) '-': not applicable;

SPL Spectrum Test Report

Sample	:	Date	:	2021-07-26 09:19:59
Specification	:	Sam. Status	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	Renee
		Assessor	:	damin

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	390nm-780nm	IP	:	50385 (77%)
Test Mode	:	Fast Test	T	:	82 ms
			Sensitivity	:	High

Spectrum**Colorimetric Parameters**

Chromaticity Coordinate: $x = 0.4502$ $y = 0.4100$ / $u' = 0.2565$ $v' = 0.5257$ ($duv = 6.95e-04$)

CCT = 2836K Prcp WL: $L_d = 583.3nm$ Purity = 58.2%

Peak WL: $L_p = 606nm$ FWHM: $= 115.7nm$ Ratio: R=24.2% G=73.2% B=2.7%

Render Index: $R_a = 82.8$

R1 = 82 R2 = 93 R3 = 93 R4 = 80 R5 = 83 R6 = 93 R7 = 81
 R8 = 57 R9 = 7 R10 = 85 R11 = 80 R12 = 76 R13 = 85 R14 = 97 R15 = 73
 LEVEL OUT WHITE: ANSI_2700K

Photometric & Radiometric Parameters

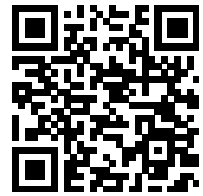
Flux = 266.98 lm Eff. : 117.32 lm/W $P_e = 815.45 mW$

Electrical parameters

V = 229.8 V I = 0.01229 A P = 2.276 W PF = 0.8054

Schiefer Professional Lighting
www.spl-lighting.com

Model placed on the Union market from 29/01/2021



EPREL registration number: 654300

<https://eprel.ec.europa.eu/qr/654300>

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

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

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