

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: L642812307

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
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	16	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°)	850 in Narrow cone (90°)	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	16,0	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	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)	0,458 0,405	
Parameters for directional light sources:				
Peak luminous intensity (cd)	1 500	Beam angle in degrees, or the range of beam angles that can be set	35	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	58	Survival factor	1,00	
the lumen maintenance factor	0,72			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,90	Colour consistency in McAdam ellipses	3	
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;

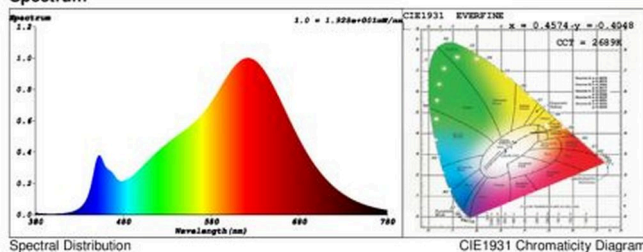
(b) '-': not applicable;

SPL Spectrum Test Report

Sample	:	Date	:	2021-07-21 09:44:21
Specification	:	Sam. Status	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	Renee
		Assessor	:	damin

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	54062 (82%)
Test Mode	:	Fast Test	T	:	26 ms
			Sensitivity	:	High

Spectrum**Colorimetric Parameters**

Chromaticity Coordinate: $x = 0.4574$ $y = 0.4048$ / $u' = 0.2635$ $v' = 0.5247$ ($duv = -1.97e-03$)

CCT= 2689K Prcp WL: Ld=584.9nm Purity=58.8%

Peak WL: Lp=621nm FWHM: =137.8nm Ratio:R=26.8% G=70.5% B=2.7%

Render Index: Ra = 92.9

R1 =94 R2 =99 R3 =98 R4 =93 R5 =95 R6 =97 R7 =89
 R8 =79 R9 =58 R10=96 R11=95 R12=87 R13=96 R14=100 R15=89
 LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 862.39 lm Eff. : 85.74 lm/W $F_0 = 3.0306$ W

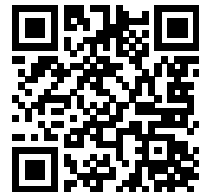
Electrical parameters

V = 229.9 V I = 0.04828 A P = 10.06 W PF = 0.9063

Schiefer Professional Lighting

www.spl-lighting.com

Model placed on the Union market from 29/04/2021



EPREL registration number: 706644

<https://eprel.ec.europa.eu/qr/706644>

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