

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: L275008827

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
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General product parameters:

Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	6	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°)	300 in Wide cone (120°)	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	6,0	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	88	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	50	
	Depth	50	
			See image in last page

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)	0,467 0,420
Parameters for directional light sources:			
Peak luminous intensity (cd)	135	Beam angle in degrees, or the range of beam angles that can be set	110
Parameters for LED and OLED light sources:			
R9 colour rendering index value	10	Survival factor	0,70
the lumen maintenance factor	0,70		
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)	0,7	Stroboscopic effect metric (SVM)	0,9

(a)'.': not applicable;

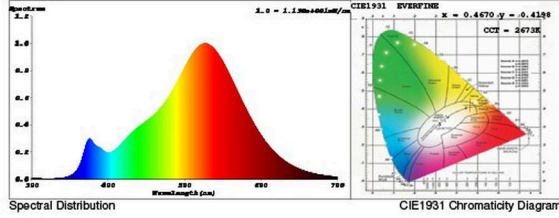
(b)'.': not applicable;

Spectrum Test Report

Sample	: 1	Date	: 2016-07-05 15:39:59
Specification	: E14	Sam. Status	:
Sample No.	: 121	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: Schiefer	Test by	: Schiefer
		Assessor	: damin

Test Condition			
Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 49223 (75%)
Test Mode	: Fast Test	T	: 33 ms
		Sensitivity	: High

Spectrum



Colorimetric Parameters

Chromaticity Coordinates: $x = 0.4670$ $y = 0.4198$ / $u' = 0.2630$ $v' = 0.5318$ ($duv=2.75e-03$)
 CCT= 2673K Prop WL: $\lambda_d=583.5nm$ Purity=66.2%
 Peak WL: $\lambda_p=608nm$ FWHM: =117.7nm Ratio:R=25.3% G=72.4% B=2.3%

Render Index: Ra = 82.8

R1=81 R2=93 R3=95 R4=80 R5=82 R6=92 R7=82
 R8=58 R9=10 R10=84 R11=79 R12=75 R13=84 R14=98 R15=73
 LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 518.57 lm Eff. : 0.00 lm/W $F_e = 1.6153 W$

Electrical parameters

V = 0 V I = 0 A P = 0 W PF = 0

EVERFINE CORPORATION
<http://www.everfine.cn>