

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: L149135019

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E14		
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	5	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	1 900
On-mode power (P_{on}), expressed in W	4,5	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	80
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)	0,523 0,407	
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)	0,85	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)	0,9	Stroboscopic effect metric (SVM)	0,4	

(a) : not applicable;

(b) : not applicable;

SPL Spectrum Test Report

Sample :
Specification : L149135019
Sample No. : L149135019 01
Manufacturer :

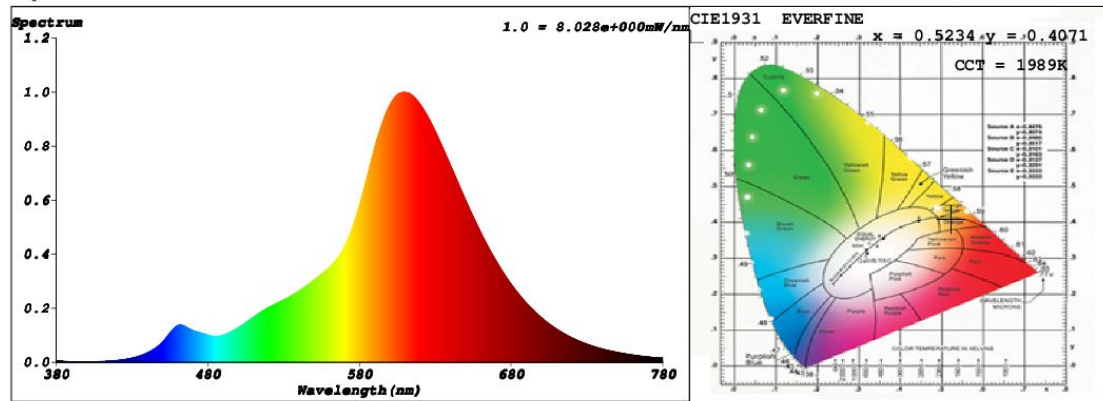
Date : 2019-08-16 14:37:03
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : Schiefer
Assessor : damin

Test Condition

Temperature : 25.3Deg
WL Range : 380nm-780nm
Test Mode : Fast Test

RH : 65.0%
IP : 51036 (78%)
T : 54 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.5234$ $y = 0.4071$ / $u' = 0.3061$ $v' = 0.5358$ ($duv = -1.95e-03$)

CCT= 1989K Prcp WL: $L_d = 589.6\text{nm}$ Purity=79.3%

Peak WL: $L_p = 609\text{nm}$ FWHM: $\approx 83.0\text{nm}$ Ratio: R=34.0% G=64.4% B=1.5%

Render Index: $R_a = 78.0$

R1 =79 R2 =96 R3 =85 R4 =76 R5 =81 R6 =95 R7 =70
R8 =42 R9 =-10 R10=92 R11=79 R12=90 R13=84 R14=93 R15=67

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 267.69 lm Eff. : 57.99 lm/W $F_e = 892.71\text{ mW}$

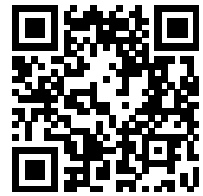
Electrical parameters

V = 229.9 V I = 0.02255 A P = 4.616 W PF = 0.8906

Schiefer Professional Lighting

www.professional-lighting.eu

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



EPREL registration number: 831318

<https://eprel.ec.europa.eu/qr/831318>

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

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

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