

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: L147245019

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
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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	78	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width	45		
	Depth	45		

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)	0,533 0,407	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	-6	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 : L147245019
 Sample No. : L147245019 02
 Manufacturer :

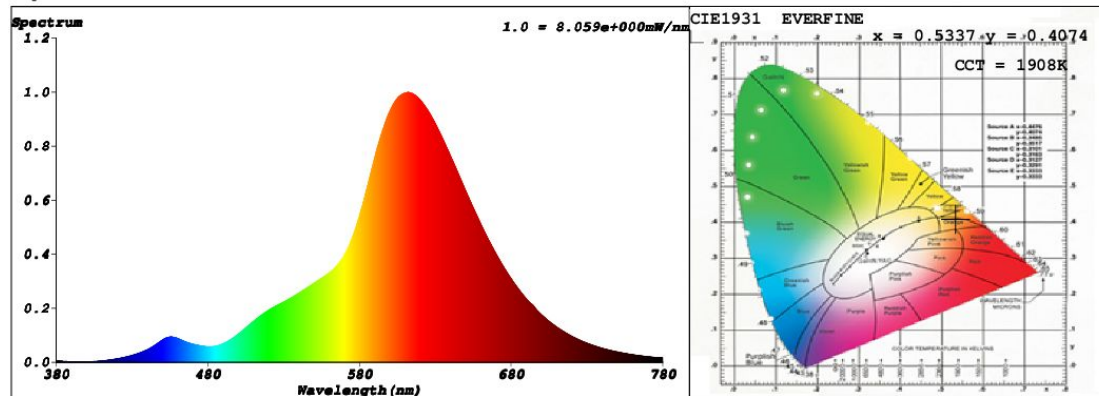
Date : 2019-08-16 16:01:01
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : Schiefer
 Assessor : damin

Test Condition

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

RH : 65.0%
 IP : 51494 (79%)
 T : 54 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.5337$ $y = 0.4074$ / $u' = 0.3130$ $v' = 0.5375$ ($duv = -1.33e-03$)

CCT= 1908K Prcp WL: Ld=590.2nm Purity=82.5%

Peak WL: Lp=612nm FWHM: =83.5nm Ratio:R=35.6% G=63.3% B=1.1%

Render Index: Ra = 79.4

R1 =80 R2 =95 R3 =89 R4 =78 R5 =81 R6 =96 R7 =72

R8 =44 R9 =-6 R10=89 R11=82 R12=93 R13=84 R14=95 R15=67

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 259.70 lm Eff. : 55.99 lm/W Fe = 886.73 mW

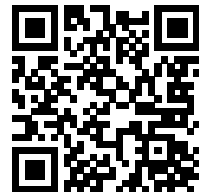
Electrical parameters

V = 229.9 V I = 0.02413 A P = 4.638 W PF = 0.8364

Schiefer Professional Lighting

www.professional-lighting.eu

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



EPREL registration number: 831305

<https://eprel.ec.europa.eu/qr/831305>

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

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

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