

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: L270019505

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
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General product parameters:

Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer		4	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°)		100 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	1 800
On-mode power (P_{on}), expressed in W		3,5	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	82
Outer dimensions without separate control gear, light-	Height	145	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width	95		
	Depth	95		

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)	0,545 0,403	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	4	Survival factor	0,70	
the lumen maintenance factor	0,93			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,90	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)	0,5	Stroboscopic effect metric (SVM)	0,1	

(a) '-': not applicable;

(b) '-': not applicable;

SPL Spectrum Test Report

Sample :
Specification : L270019505
Sample No. : L270019505 1
Manufacturer : SPL

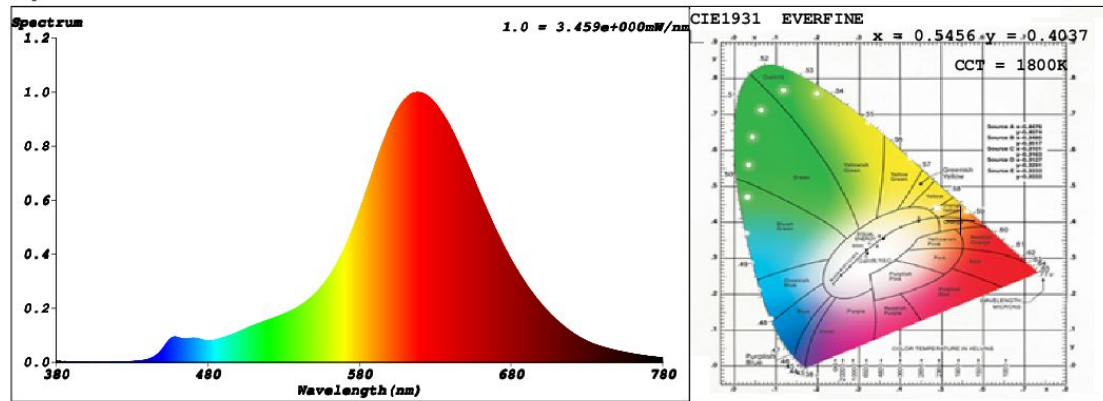
Date : 2018-09-05 11:38:18
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : Marc
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 54830 (84%)
T : 132 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.5456$ $y = 0.4037$ / $u' = 0.3232$ $v' = 0.5380$ ($duv = -1.53e-03$)

CCT= 1800K Prcp WL: $L_d = 591.4\text{nm}$ Purity=84.9%

Peak WL: $L_p = 619\text{nm}$ FWHM: $\approx 93.5\text{nm}$ Ratio: R=37.5% G=61.2% B=1.3%

Render Index: $R_a = 78.6$

R1 =79 R2 =96 R3 =84 R4 =75 R5 =81 R6 =95 R7 =72

R8 =47 R9 =4 R10=94 R11=78 R12=88 R13=83 R14=92 R15=69

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 108.64 lm Eff. : 34.42 lm/W $F_e = 396.18\text{ mW}$

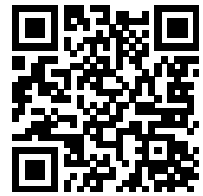
Electrical parameters

V = 220.0 V I = 0.01539 A P = 3.156 W PF = 0.9321

Schiefer Professional Lighting

www.professional-lighting.eu

Model placed on the Union market from 11/05/2021 to 31/10/2021



EPREL registration number: 765709

<https://eprel.ec.europa.eu/qr/765709>

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

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

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