

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: L022120827-1

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	G9		
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°)	280 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	2 700
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	80
Outer dimensions without separate control gear, light-	Height	50	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	17	
	Depth	17	
			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)	0,456 0,406
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)	0,90	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)	0,2	Stroboscopic effect metric (SVM)	0,1

(a): not applicable;

(b): not applicable;

SPL Spectrum Test Report

Sample :
 Specification : L022120827-1
 Sample No. :
 Manufacturer :

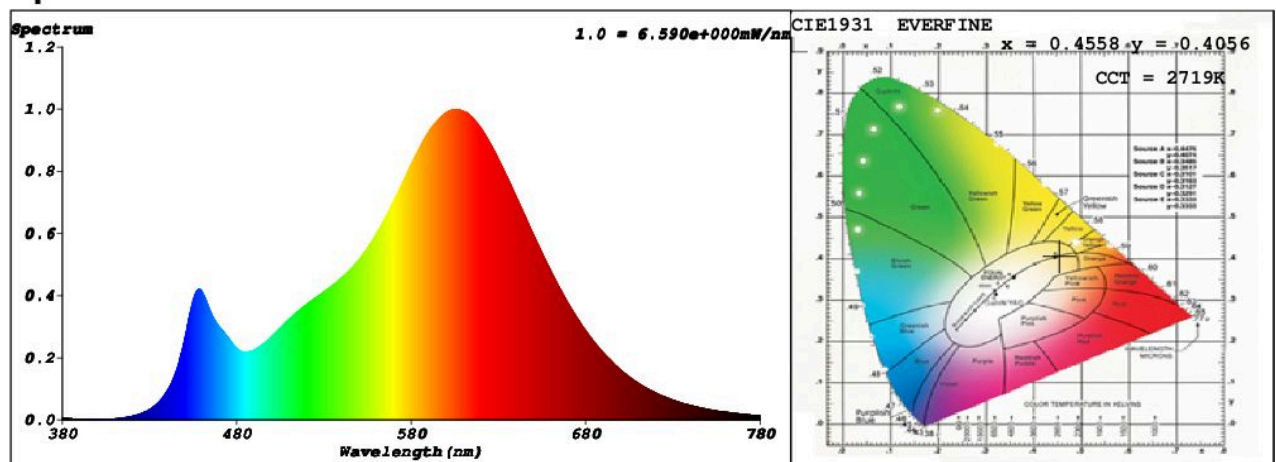
Date : 2019-11-06 11:27:35
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : Schiefer
 Assessor : damin

Test Condition

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

RH : 65.0%
 IP : 49132 (75%)
 T : 64 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4558$ $y = 0.4056$ / $u' = 0.2621$ $v' = 0.5248$ ($duv = -1.53e-03$)
 CCT= 2719K Prcp WL: $L_d = 584.6nm$ Purity=58.5%
 Peak WL: $L_p = 606nm$ FWHM: =110.9nm Ratio:R=25.1% G=72.2% B=2.7%

Render Index: $R_a = 81.9$

R1 =82 R2 =94 R3 =91 R4 =78 R5 =82 R6 =94 R7 =78
 R8 =55 R9 =6 R10=88 R11=77 R12=78 R13=85 R14=96 R15=73
 LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 296.88 lm Eff. : 82.47 lm/W $F_e = 924.87$ mW

Electrical parameters

V = 120.0 V I = 0.03288 A P = 3.600 W PF = 0.9123

Schiefer Professional Lighting

www.spl-lighting.com

Model placed on the Union market from 19/08/2021



EPREL registration number: 881853

<https://eprel.ec.europa.eu/qr/881853>

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

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

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