

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: L159124927

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	Ba15d		
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	4	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°)	400 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	4,0	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	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)	0,458 0,408	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	8	Survival factor	0,96	
the lumen maintenance factor	0,96			
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)	0,1	Stroboscopic effect metric (SVM)	0,3	

(a) '-': not applicable;

(b) '-': not applicable;

SPL Spectrum Test Report

Sample : 1-1
 Specification : L159124927
 Sample No. : L159124927 2
 Manufacturer : Freelighting

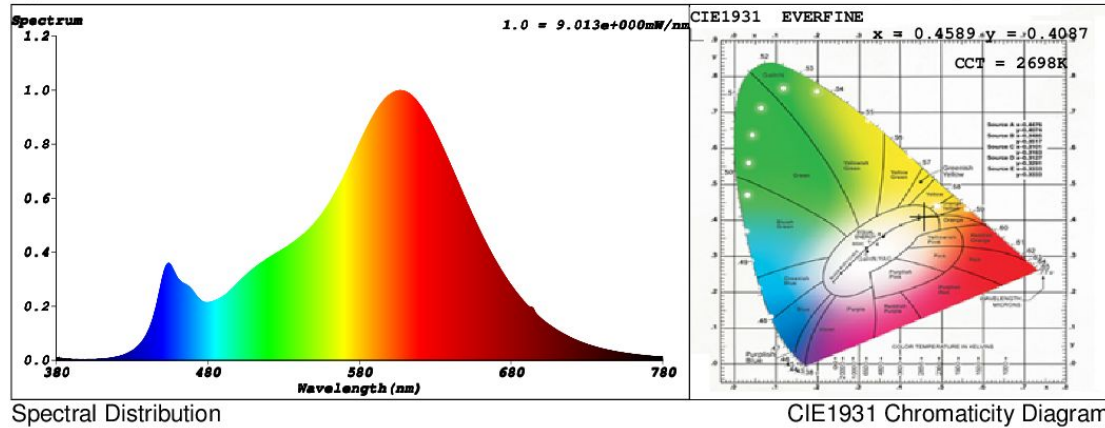
Date : 2017-10-17 09:36:48
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by :
 Assessor : damin

Test Condition

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

RH : 65.0%
 IP : 53374 (81%)
 T : 48 ms
 Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4589$ $y = 0.4087$ / $u' = 0.2628$ $v' = 0.5265$ ($duv = -6.26e-04$)

CCT= 2698K Prcp WL: $L_d = 584.4nm$ Purity=60.4%

Peak WL: $L_p = 607nm$ FWHM: $= 108.8nm$ Ratio: R=25.4% G=72.0% B=2.6%

Render Index: $R_a = 82.9$

R1 =83 R2 =95 R3 =91 R4 =80 R5 =84 R6 =95 R7 =79

R8 =56 R9 =8 R10 =89 R11 =81 R12 =81 R13 =86 R14 =96 R15 =74

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 401.85 lm Eff. : 99.73 lm/W $F_e = 1.2455 W$

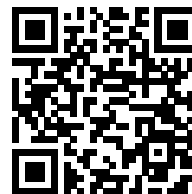
Electrical parameters

V = 235.0 V I = 0.02165 A P = 4.029 W PF = 0.7921

Schiefer Professional Lighting

www.professional-lighting.eu

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



EPREL registration number: 831341

<https://eprel.ec.europa.eu/qr/831341>

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

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

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