

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: L022451227

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	G4		
Mains or non-mains:	NMLS	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	1	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°)	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	2 700
On-mode power (P_{on}), expressed in W	1,0	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	32	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	10	
	Depth	10	
			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)	0,455 0,411
Parameters for LED and OLED light sources:			
R9 colour rendering index value	16	Survival factor	0,90
the lumen maintenance factor	0,96		

(a) : not applicable;

(b) : not applicable;

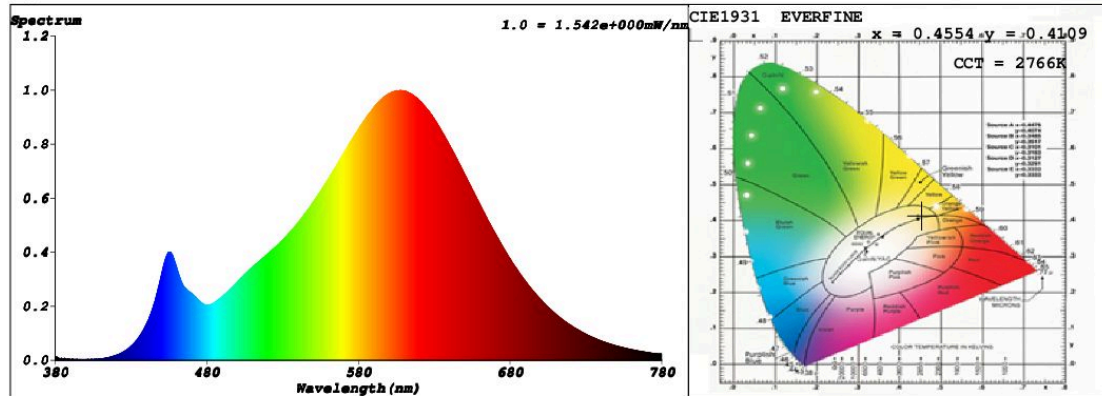
SPL Spectrum Test Report

Sample	:	Date	:	2018-08-15 14:04:20
Specification	:	Sam. Status	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	
		Assessor	:	damin

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	46598 (71%)
Test Mode	:	Fast Test	T	:	253 ms
			Sensitivity	:	High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4554$ $y = 0.4109$ / $u' = 0.2595$ $v' = 0.5268$ ($duv=5.09e-04$)

CCT= 2766K Prcp WL: $L_d=583.7nm$ Purity=60.0%

Peak WL: $L_p=608nm$ FWHM: $=128.8nm$ Ratio:R=24.5% G=73.0% B=2.5%

Render Index: $R_a = 83.1$

R1 =81 R2 =92 R3 =96 R4 =79 R5 =81 R6 =91 R7 =83

R8 =61 R9 =16 R10=82 R11=77 R12=74 R13=84 R14=98 R15=75

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 73.614 lm Eff. : 0.00 lm/W $F_e = 235.56 mW$

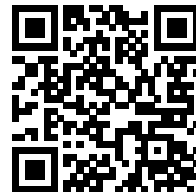
Electrical parameters

$V = 0 V$ $I = 0 A$ $P = 0 W$ PF = 0

Schiefer Professional Lighting

www.professional-lighting.eu

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



EPREL registration number: 831179

<https://eprel.ec.europa.eu/qr/831179>

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

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

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