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: L641134527

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	GU4		
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:	No

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 (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	345 in Narrow cone (90°)	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	4,2	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, lighting control — Height	38	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	35		
Depth	35		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,454 0,411
Parameters for directional light sources:				
Peak luminous intensity (cd)		660	Beam angle in degrees, or the range of beam angles that can be set	36
Parameters for LED and OLED light sources:				
R9 colour rendering index value		13	Survival factor	0,90
the lumen maintenance factor		0,93		

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

EVERFINE

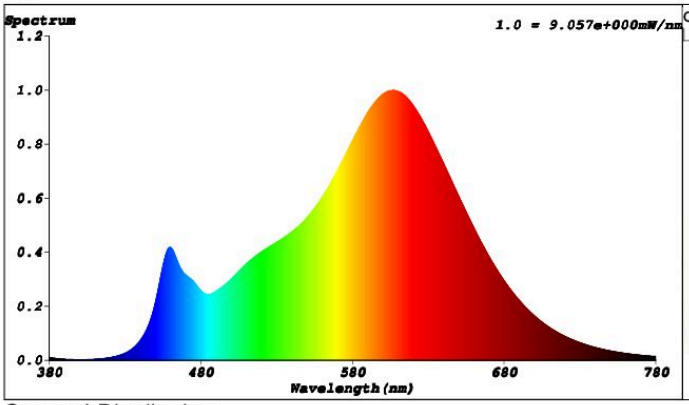
SPL Spectrum Test Report

Sample	:	Date	: 2021-07-13 14:50:41
Specification	:	Sam. Status	:
Sample No.	: L641134527	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Ralf
		Assessor	: damin

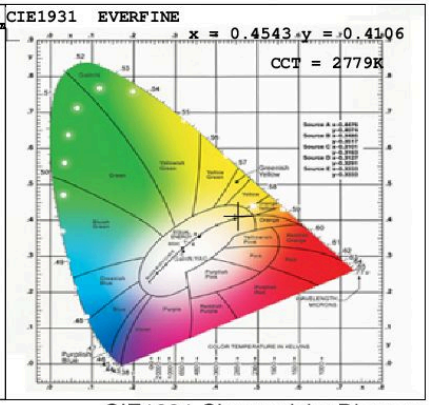
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 47208 (72%)
Test Mode	: Fast Test	T	: 46 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4543 y = 0.4106 / u' = 0.2589 v' = 0.5265 (duv=4.95e-04)

CCT= 2779K Prcp WL: Ld=583.7nm Purity=59.6%

Peak WL: Lp=607nm FWHM: =114.4nm Ratio:R=24.8% G=72.3% B=2.9%

Render Index: Ra = 83.7

R1 =84	R2 =96	R3 =91	R4 =80	R5 =84	R6 =96	R7 =80
R8 =58	R9 =13	R10=90	R11=81	R12=79	R13=87	R14=96	R15=75

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 414.28 lm Eff. : 93.23 lm/W Fe = 1.2891 W

Electrical parameters

V = 12.10 V I = 0.5186 A P = 4.443 W PF = 0.7082

Schiefer Professional Lighting

www.spl-lighting.com

EPREL registration number: 767191 Model placed on the Union market from 06/05/2021.	https://eprel.ec.europa.eu/qr/767191

Supplier: Schiefer Signaal Speciaallampen B.V. (Importer) **Website:** www.schiefer.nl

Customer care service:

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