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: L642742630

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	GU5.3		
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	6	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)	425 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	3 000
On-mode power (P_{on}), expressed in W	6,0	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, lighting control — Height	48	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Outer dimensions without separate control gear, lighting control — Width	50		
Outer dimensions without separate control gear, lighting control — Depth	50		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,438 0,404
Parameters for directional light sources:				
Peak luminous intensity (cd)		650	Beam angle in degrees, or the range of beam angles that can be set	38
Parameters for LED and OLED light sources:				
R9 colour rendering index value		4	Survival factor	0,70
the lumen maintenance factor		0,70		

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

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

EVERFINE

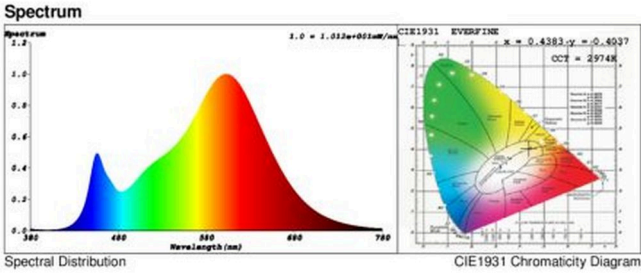
SPL Spectrum Test Report

Sample	:	Date	: 2021-07-22 14:42:55
Specification	: L642742630	Sam. Status	:
Sample No.	:	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: Renee	Test by	: Renee
		Assessor	: damin

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 48697 (74%)
Test Mode	: Fast Test	T	: 45 ms
		Sensitivity	: High

Spectrum



Spectral Distribution CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4383 y = 0.4037 / u' = 0.2516 v' = 0.5214 (duv=-3.35e-04)
CCT= 2974K Prcp WL: Ld=583.0nm Purity=52.7%
Peak WL: Lp=602nm FWHM: =118.6nm Ratio:R=23.1% G=74.0% B=2.9%

Render Index: Ra = 81.9

R1 =81	R2 =93	R3 =93	R4 =78	R5 =81	R6 =92	R7 =80	
R8 =56	R9 =4	R10=85	R11=77	R12=74	R13=84	R14=97	R15=73

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 484.82 lm Eff. : 107.23 lm/W Fe = 1.4713 W

Electrical parameters

V = 12.17 V I = 0.7112 A P = 4.521 W PF = 0.5226

Schiefer Professional Lighting
www.spl-lighting.com

EPREL registration number: 831583 Model placed on the Union market from 01/09/2021.	https://eprel.ec.europa.eu/qr/831583

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

Customer care service:

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