

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 (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	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
	Width	50	
	Depth	50	
			See image in last page

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;

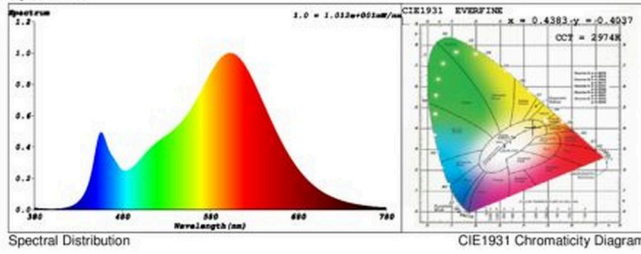
SPL Spectrum Test Report

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

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

Spectrum



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