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: Sales, Potterbakkerstraat 35, 4871EP Etten-Leur Noord Brabant, NL

Model identifier: L021136027

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:	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	5	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	4,5	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 — Height	38	Spectral power distribution in the	See image in last page
Outer dimensions — Width	35		

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	35	range 250 nm to 800 nm, at full-load	
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,457
Parameters for directional light sources:				
Peak luminous intensity (cd)		600	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		5	Survival factor	0,90
the lumen maintenance factor		0,96		

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

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

EVERFINE

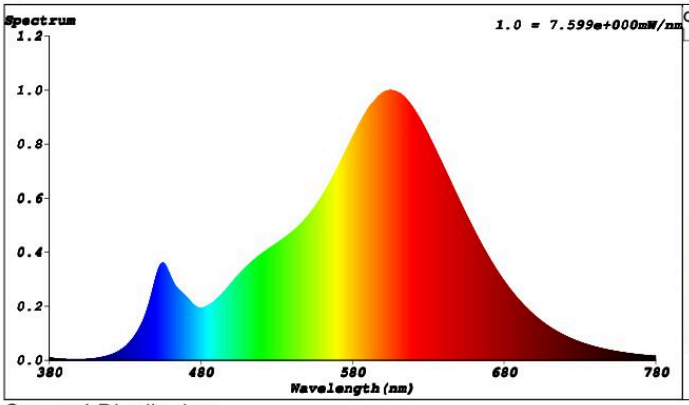
SPL Spectrum Test Report

Sample	:	Date	: 2021-07-15 14:58:42
Specification	:	Sam. Status	:
Sample No.	: L021136027	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Ralf
		Assessor	: damin

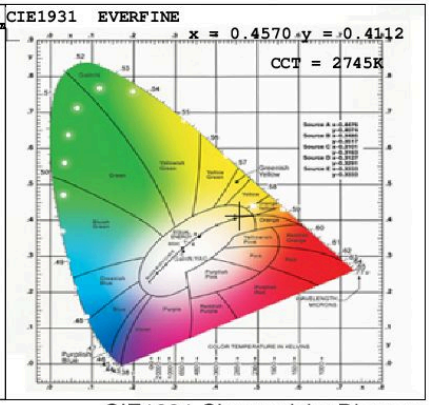
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 48951 (75%)
Test Mode	: Fast Test	T	: 57 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4570 y = 0.4112 / u' = 0.2604 v' = 0.5272 (duv=4.81e-04)

CCT= 2745K Prcp WL: Ld=583.8nm Purity=60.6%

Peak WL: Lp=605nm FWHM: =113.7nm Ratio:R=24.8% G=72.8% B=2.5%

Render Index: Ra = 82.2

R1 =81	R2 =93	R3 =94	R4 =79	R5 =82	R6 =93	R7 =81	
R8 =56	R9 =5	R10=84	R11=79	R12=77	R13=84	R14=97	R15=73

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 346.50 lm Eff. : 77.91 lm/W Fe = 1.0703 W

Electrical parameters

V = 12.05 V I = 0.3848 A P = 4.448 W PF = 0.9596

Schiefer Professional Lighting

www.spl-lighting.com