

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: L641751427

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	GU10		
Mains or non-mains:	MLS	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	7	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°)	510 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	7,0	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	80
Outer dimensions	Height	Spectral power distribution in the	See image in last page
	Width		

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	50	range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,463
Parameters for directional light sources:				
Peak luminous intensity (cd)		900	Beam angle in degrees, or the range of beam angles that can be set	40
Parameters for LED and OLED light sources:				
R9 colour rendering index value		9	Survival factor	0,70
the lumen maintenance factor		0,70		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)		0,70	Colour consistency in McAdam ellipses	5
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.		-(b)	If yes then replacement claim (W)	-
Flicker metric (Pst LM)		0,7	Stroboscopic effect metric (SVM)	0,9

(a)-: not applicable;

(b)-: not applicable;

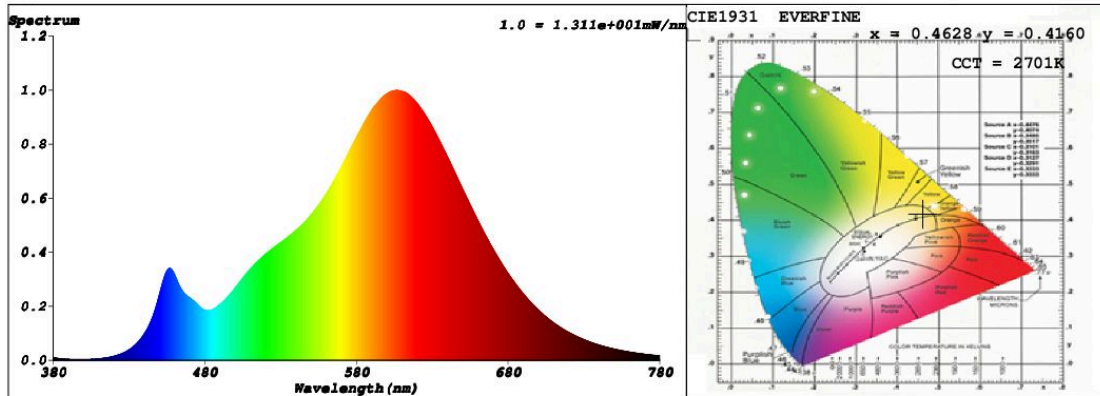
SPL Spectrum Test Report

Sample	:	Date	:	2021-07-01 09:23:53
Specification	:	Sam. Status	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	Renee
		Assessor	:	damin

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	50624 (77%)
Test Mode	:	Fast Test	T	:	34 ms
			Sensitivity	:	High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4628$ $y = 0.4160$ / $u' = 0.2620$ $v' = 0.5298$ ($duv=1.74e-03$)

CCT= 2701K Prcp WL: Ld=583.7nm Purity=63.8%

Peak WL: Lp=607nm FWHM: =118.1nm Ratio:R=25.1% G=72.6% B=2.3%

Render Index: Ra = 82.6

R1 =81 R2 =92 R3 =95 R4 =80 R5 =81 R6 =92 R7 =82

R8 =58 R9 =9 R10=83 R11=79 R12=75 R13=84 R14=98 R15=73

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 600.91 lm Eff. : 89.45 lm/W Fe = 1.8711 W

Electrical parameters

V = 229.9 V I = 0.03182 A P = 6.718 W PF = 0.9184

Schiefer Professional Lighting

www.spl-lighting.com