

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: L642762927

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
-----------	-------	-----------	-------

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°)	320 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	5,5	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	90
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)	0,461
Parameters for directional light sources:				
Peak luminous intensity (cd)		630	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		51	Survival factor	0,90
the lumen maintenance factor		0,97		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)		0,80	Colour consistency in McAdam ellipses	4
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)		0,0	Stroboscopic effect metric (SVM)	0,4

(a)-: not applicable;

(b)-: not applicable;

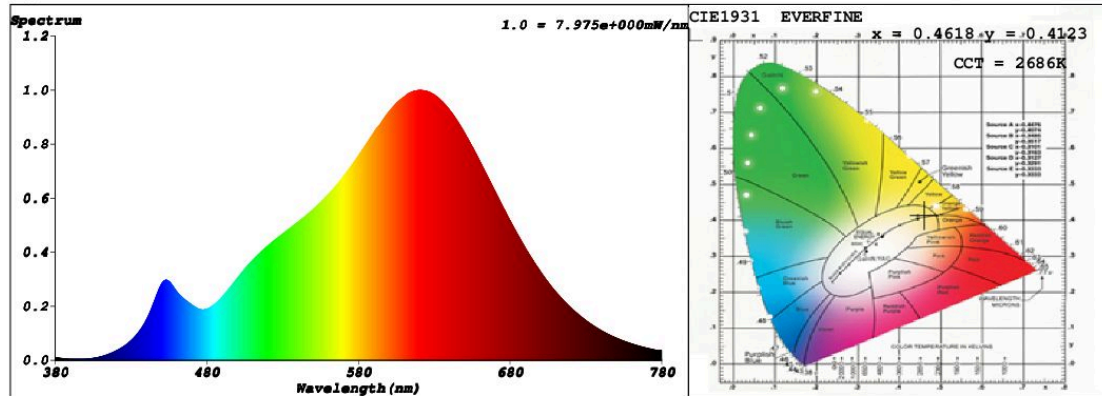
SPL Spectrum Test Report

Sample	:	Date	: 2021-07-01 11:22:34
Specification	: L642762927	Sam. Status	:
Sample No.	: L642762927-271	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Renee
		Assessor	: damin

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 48304 (74%)
Test Mode	: Fast Test	T	: 53 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4618$ $y = 0.4123$ / $u' = 0.2630$ $v' = 0.5283$ ($duv=4.49e-04$)

CCT= 2686K Prcp WL: Ld=584.1nm Purity=62.4%

Peak WL: Lp=621nm FWHM: =144.3nm Ratio:R=26.3% G=71.3% B=2.4%

Render Index: Ra = 91.6

R1 =91 R2 =96 R3 =99 R4 =91 R5 =91 R6 =96 R7 =90

R8 =78 R9 =51 R10=90 R11=93 R12=86 R13=93 R14=99 R15=86

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 367.98 lm Eff. : 63.03 lm/W Fe = 1.2907 W

Electrical parameters

V = 229.8 V I = 0.02841 A P = 5.838 W PF = 0.8942

Schiefer Professional Lighting

www.spl-lighting.com