

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: L277345027

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E27		
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:	No

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	2	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°)	140 in Sphere (360°)	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	1,5	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	80
Outer dimensions without	Height	Spectral power distribution in the	See image in last page
	Width		
	Depth		

separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			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 LED and OLED light sources:				
R9 colour rendering index value	15		Survival factor	0,96
the lumen maintenance factor	0,96			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,75		Colour consistency in McAdam ellipses	6
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)	0,1		Stroboscopic effect metric (SVM)	0,3

(a): not applicable;

(b): not applicable;

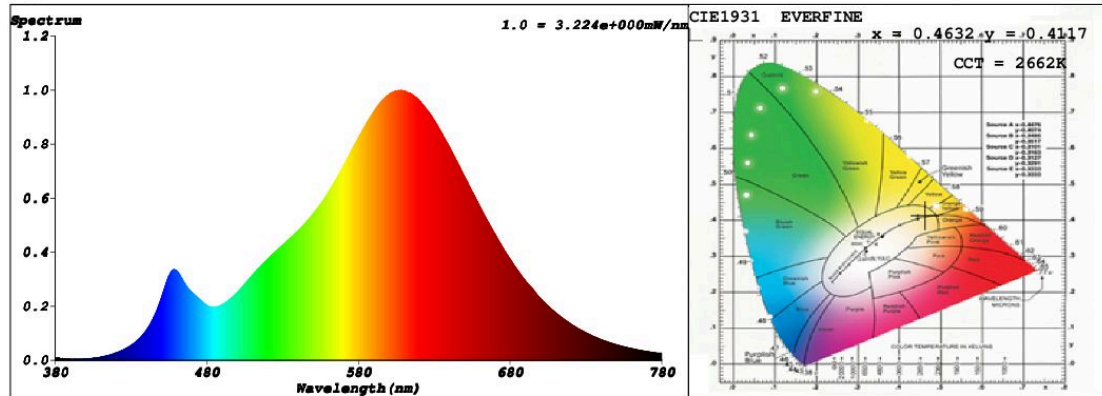
SPL Spectrum Test Report

Sample	:	Date	: 2018-08-07 13:12:18
Specification	: L277345027	Sam. Status	:
Sample No.	: L277345027	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:
		Assessor	: damin

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52054 (79%)
Test Mode	: Fast Test	T	: 135 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4632$ $y = 0.4117$ / $u' = 0.2642$ $v' = 0.5283$ ($duv=1.28e-04$)

CCT= 2662K Prcp WL: $L_d=584.4nm$ Purity=62.6%

Peak WL: $L_p=607nm$ FWHM: =123.3nm Ratio:R=25.5% G=72.2% B=2.4%

Render Index: $R_a = 83.1$

R1 =82 R2 =93 R3 =95 R4 =79 R5 =82 R6 =92 R7 =82

R8 =60 R9 =15 R10=84 R11=78 R12=77 R13=85 R14=98 R15=75

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 147.75 lm Eff. : 84.50 lm/W $F_e = 477.79$ mW

Electrical parameters

V = 230.1 V I = 0.009782 A P = 1.748 W PF = 0.7770

Schiefer Professional Lighting

www.professional-lighting.eu