



SL5-GREEN-12V LED Strip

Product Details

Code	SL5-GREEN-12V
Warranty	5 Years
RoHS Compliance	IEC 62321:2013
CE Certification	EN 55015:2013/A1:2015 EN 61000-3-2:2014 EN 61000-3-3:2013 EN 61547:2009

Physical Data

PCB Colour	White
PCB Width	8mm
Thickness Including LED	2mm
Cut Points	50mm

Electrical Data

Voltage	12V
Power Consumption	4.8W/m
Dimmable	Yes (PWM)

Light Data

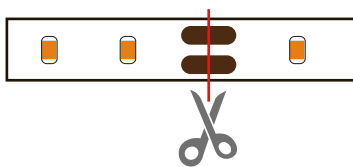
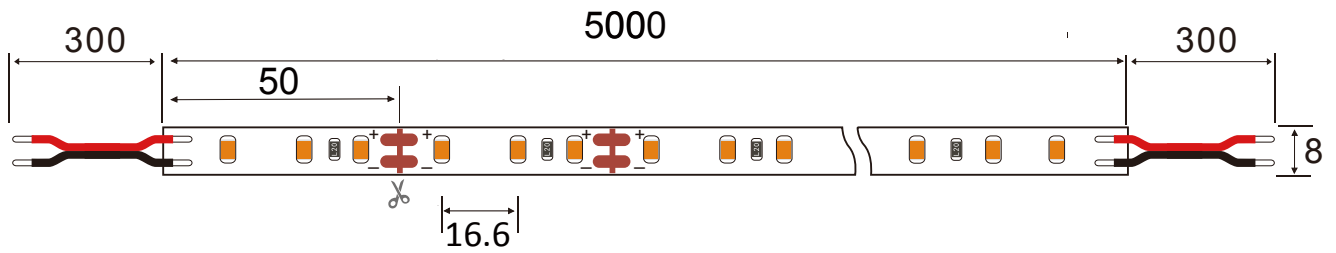
Color	Green
Lumens per Metre	310
LEDs per Metre	60
Beam Angle	120°
Wave Length	520-525nm
LED Type	3014
LED Manufacturer	Epistar

Environment

Operating Temperature	-30 ~ 60°C
Ingress Protection (IP) Rating	65

SL5-GREEN-12V LED Strip

3014 60LEDs/m DC 12V Unit:mm



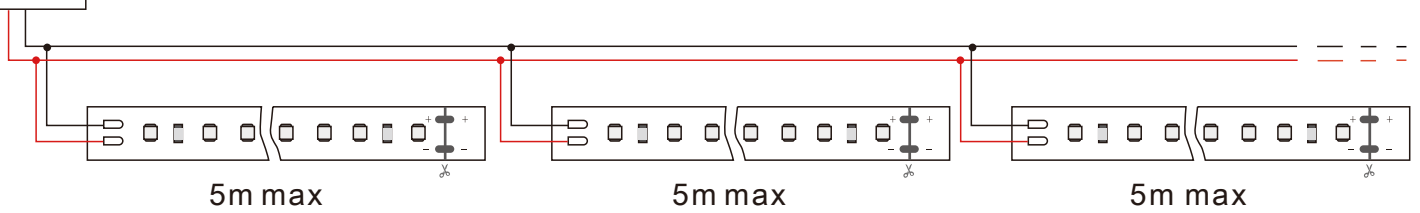
Cut in the centre of the copper or soldered points



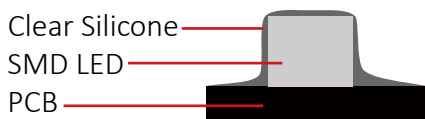
Peel off paper backing to reveal 3m self adhesive

12V Power Supply

Connect up to 5m of LED Strip in series, additional strips must be connected in parallel



IP65 Silicone Spray Coating



Spectrum Test Report

Sample : 1m LED strip
 Specification : SL5-12V-Green
 Sample No. :
 LED type : Epistar 3014

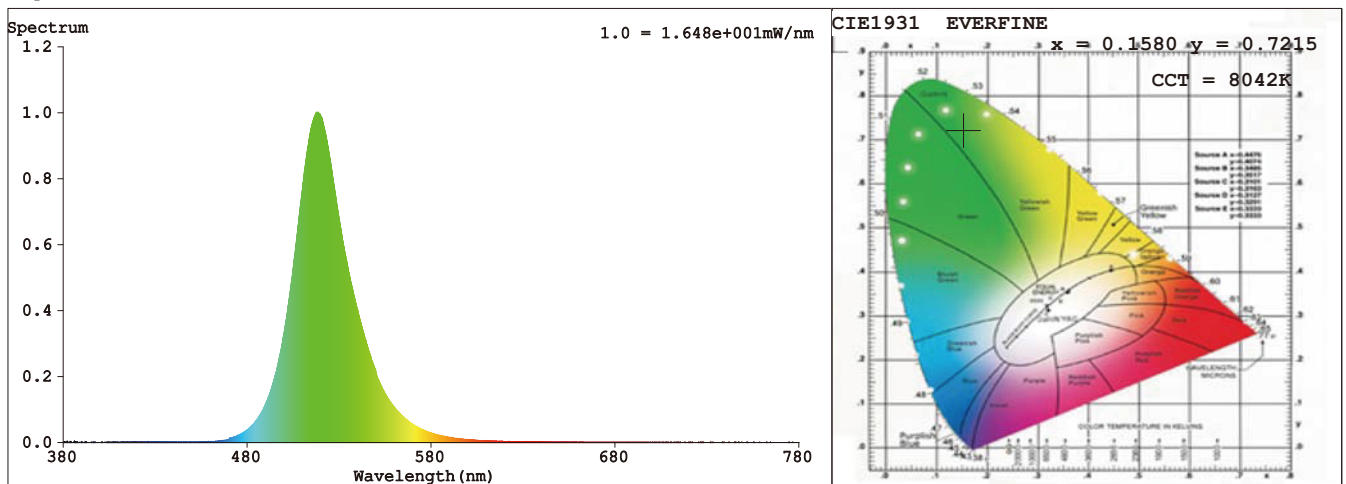
Date : 2019-05-11 09:47:46
 Instrument : HaasSuite(EVERFINE)
 Test by : DAMIN
 Assessor : damin

Test Condition

Temperature : 25.3Deg
 WL Range : 380nm-780nm
 Test Mode : Accuracy Test

RH : 65.0%
 IP : 48516 (74%)
 T : 137 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1580$ $y = 0.7215$ / $u' = 0.0557$ $v' = 0.5725$ ($duv=1.60e-01$)
 CCT= 8042K Prcp WL: $L_d=524.5nm$ Purity=78.5%
 Peak WL: $L_p=519nm$ FWHM: =31.6nm Ratio:R=0.3% G=97.2% B=2.5%

Render Index: $R_a = -24.3$

R1 =-35 R2 =-8 R3 =-22 R4 =-64 R5 =-9 R6 =-16 R7 =-7
 R8 =-32 R9 =-357 R10=-105 R11=-93 R12=-31 R13=-41 R14=39 R15=-33

Photometric & Radiometric Parameters

Flux = 310.65 lm Eff. : 71.364 lm/W Fe = 622.48 mW

Electrical parameters

V = 12.00 V I = 0.3628 A P = 4.353 W PF = 1.000 F=0.00 Hz