



SL5-BLUE-12V LED Strip

Product Details

Code	SL5-BLUE-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

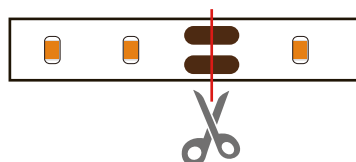
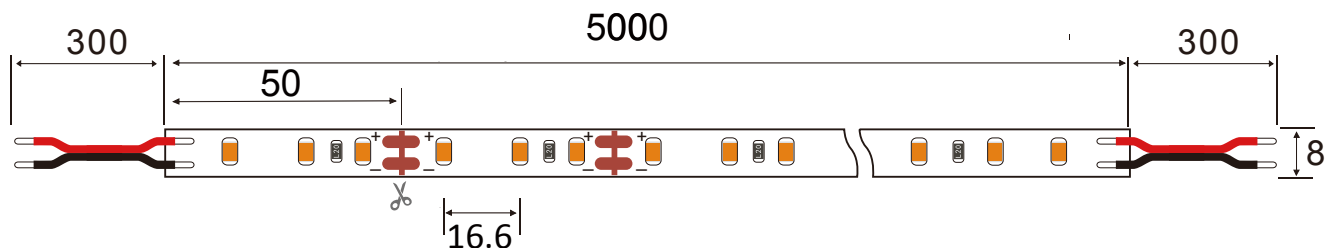
Color	Blue
Lumens per Metre	70
LEDs per Metre	60
Beam Angle	120°
Wave Length	460-465nm
LED Type	3014
LED Manufacturer	Epistar

Environment

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

SL5-BLUE-12V LED Strip

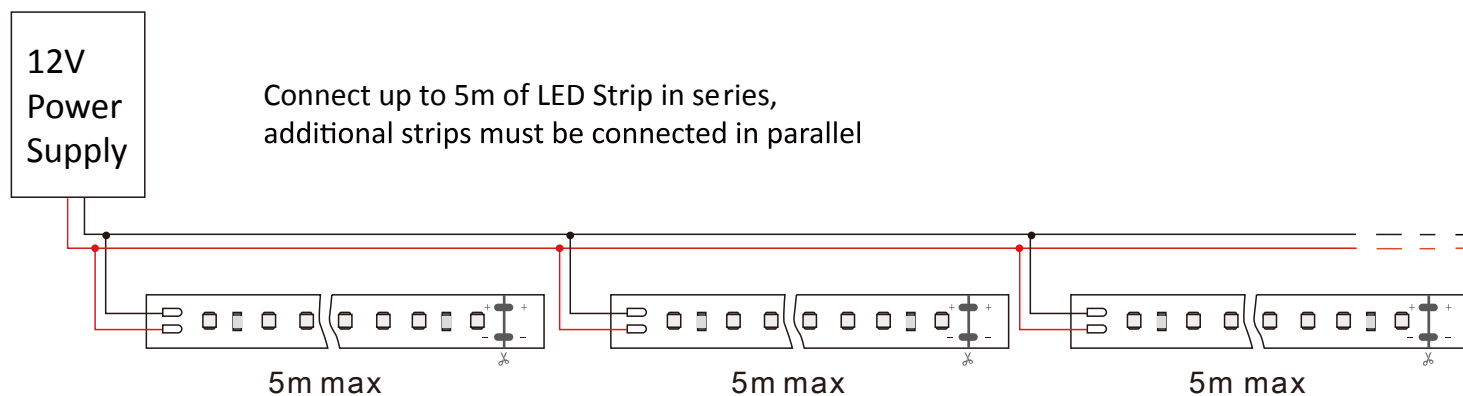
3014 60LEDs/m DC 12V Unit:mm



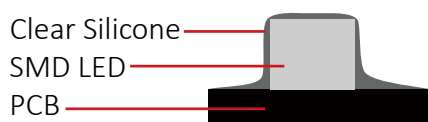
Cut in the centre of the copper or soldered points



Peel off paper backing to reveal 3m self adhesive



IP65 Silicone Spray Coating



Spectrum Test Report

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

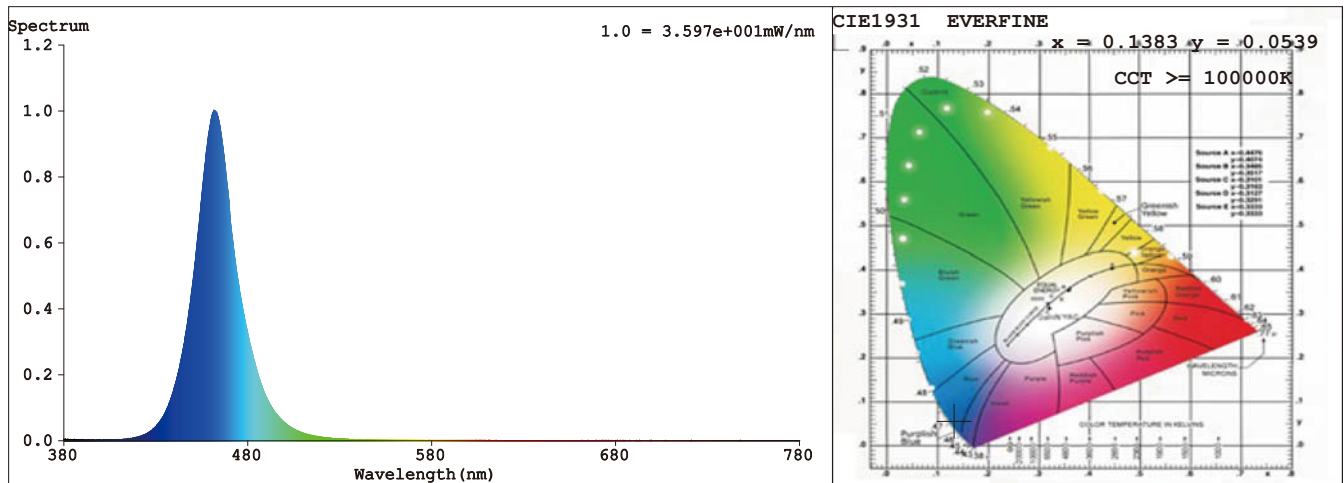
Date : 2019-05-11 09:49:48
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 48843 (75%)
T : 96 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.1383$ $y = 0.0539$ / $u' = 0.1641$ $v' = 0.1439$ ($duv=1.71e-01$)
CCT>=100000K Prcp WL: $L_d=466.7nm$ Purity=96.9%
Peak WL: $L_p=462nm$ FWHM: $\approx 23.8nm$ Ratio:R=0.4% G=15.9% B=83.7%

Render Index: $R_a = -49.1$

$R_1 = -15$ $R_2 = -40$ $R_3 = -131$ $R_4 = -82$ $R_5 = 2$ $R_6 = -51$ $R_7 = -42$
 $R_8 = -34$ $R_9 = -279$ $R_{10} = -217$ $R_{11} = -114$ $R_{12} = -103$ $R_{13} = -32$ $R_{14} = -27$ $R_{15} = 2$

Photometric & Radiometric Parameters

Flux = 69.338 lm Eff. : 14.66 lm/W $F_e = 1.0569 W$

Electrical parameters

V = 12.00 V I = 0.3940 A P = 4.728 W PF = 1.000 F=0.00 Hz