



SL5-RED-12V LED Strip

Product Details

Code	SL5-RED-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

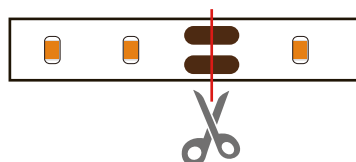
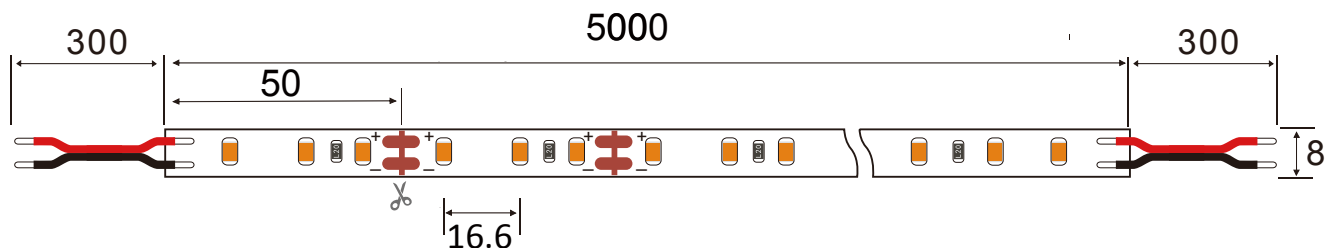
Color	Red
Lumens per Metre	145
LEDs per Metre	60
Beam Angle	120°
Wave Length	615-620nm
LED Type	3014
LED Manufacturer	Epistar

Environment

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

SL5-RED-12V LED Strip

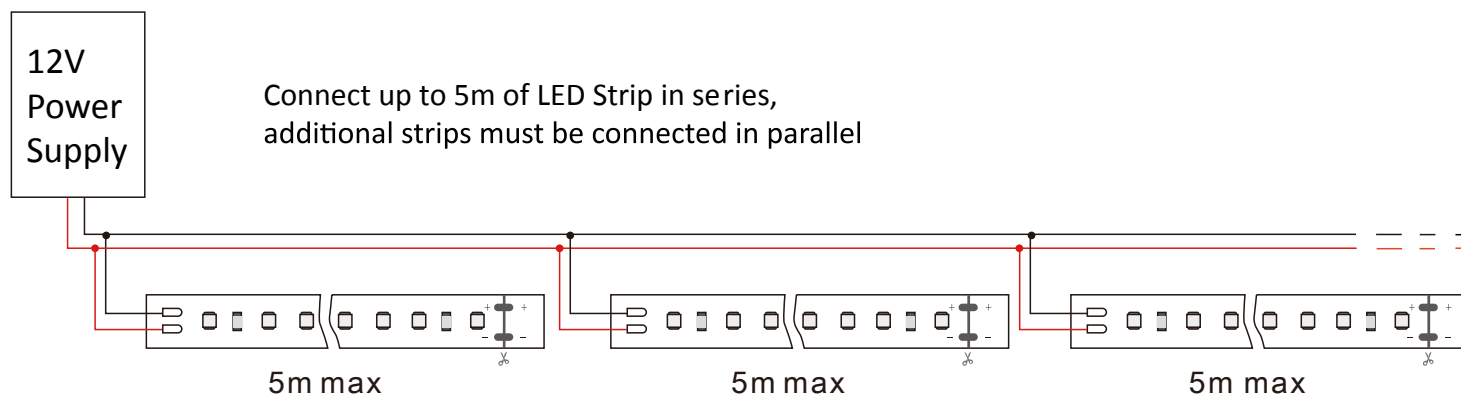
3014 60LEDs/m DC 12V Unit:mm



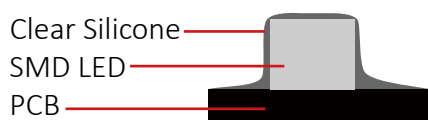
Cut in the centre of the copper or soldered points



Peel off paper backing to reveal 3m self adhesive



IP65 Silicone Spray Coating



Spectrum Test Report

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

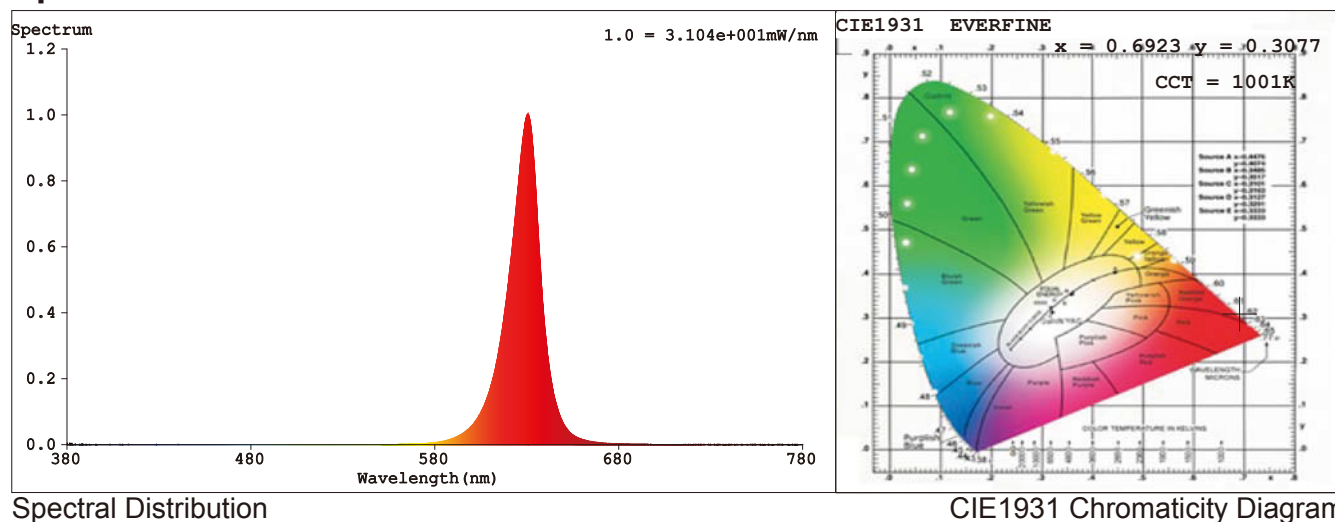
Date : 2019-05-11 09:45:30
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 50586 (77%)
T : 77 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6923$ $y = 0.3077$ / $u' = 0.5218$ $v' = 0.5217$ ($duv = -7.42 \times 10^{-2}$)
CCT= 1001K Prcp WL: $L_d = 620.3 \text{ nm}$ Purity=100.0%
Peak WL: $L_p = 630 \text{ nm}$ FWHM: $= 17.7 \text{ nm}$ Ratio: R=94.7% G=5.3% B=0.0%

Render Index: $R_a = 16.8$

R1 = 8 R2 = 77 R3 = 34 R4 = -24 R5 = 3 R6 = 87 R7 = 10
R8 = -62 R9 = -210 R10 = 70 R11 = -14 R12 = 78 R13 = 30 R14 = 62 R15 = -29

Photometric & Radiometric Parameters

Flux = 145.49 lm Eff. : 31.57 lm/W Fe = 672.85 mW

Electrical parameters

V = 12.00 V I = 0.3840 A P = 4.608 W PF = 1.000 F=0.00 Hz