



SL5-ORANGE-12V LED Strip

Product Details

Code	SL5-ORANGE-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

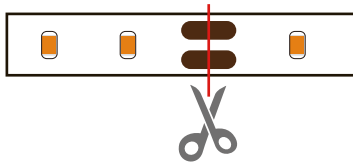
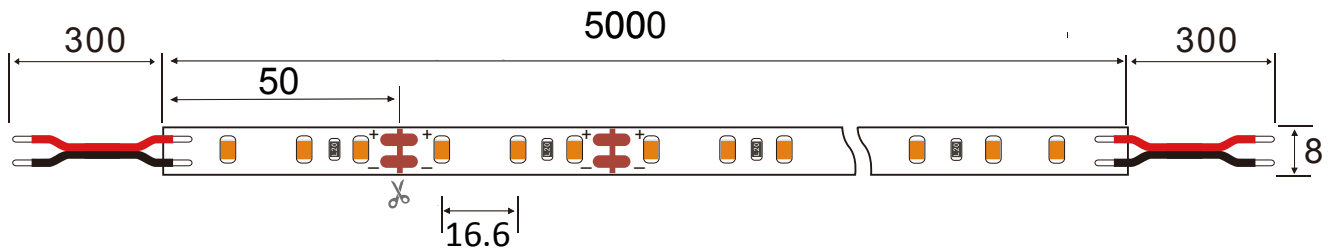
Color	Orange
Lumens per Metre	122
LEDs per Metre	60
Beam Angle	120°
Wave Length	585-590nm
LED Type	3014
LED Manufacturer	Epistar

Environment

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

SL5-ORANGE-12V LED Strip

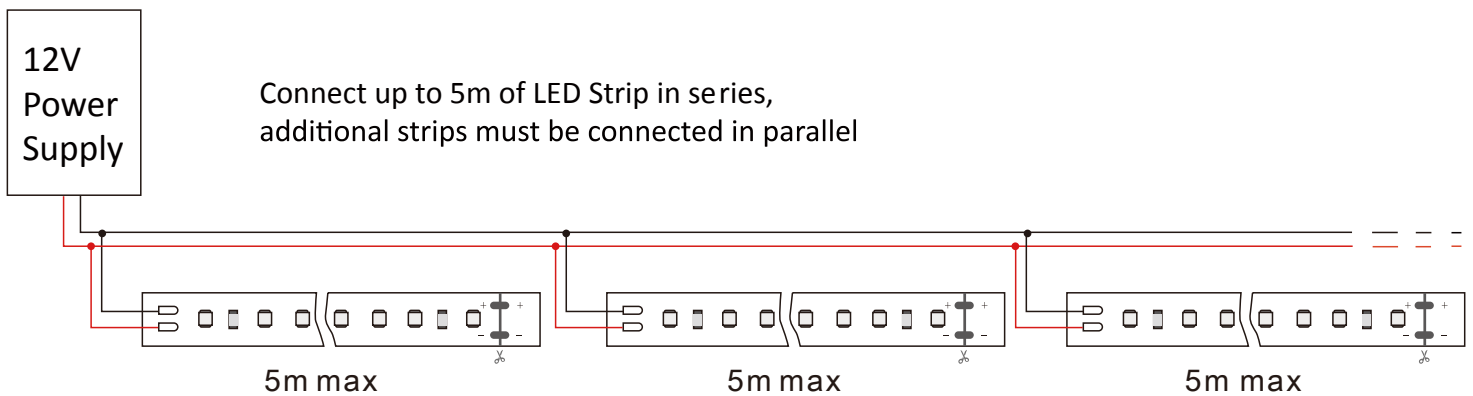
3014 60LEDs/m DC 12V Unit:mm



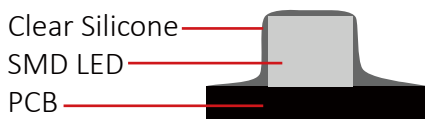
Cut in the centre of the copper or soldered points



Peel off paper backing to reveal 3m self adhesive



IP65 Silicone Spray Coating



Spectrum Test Report

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

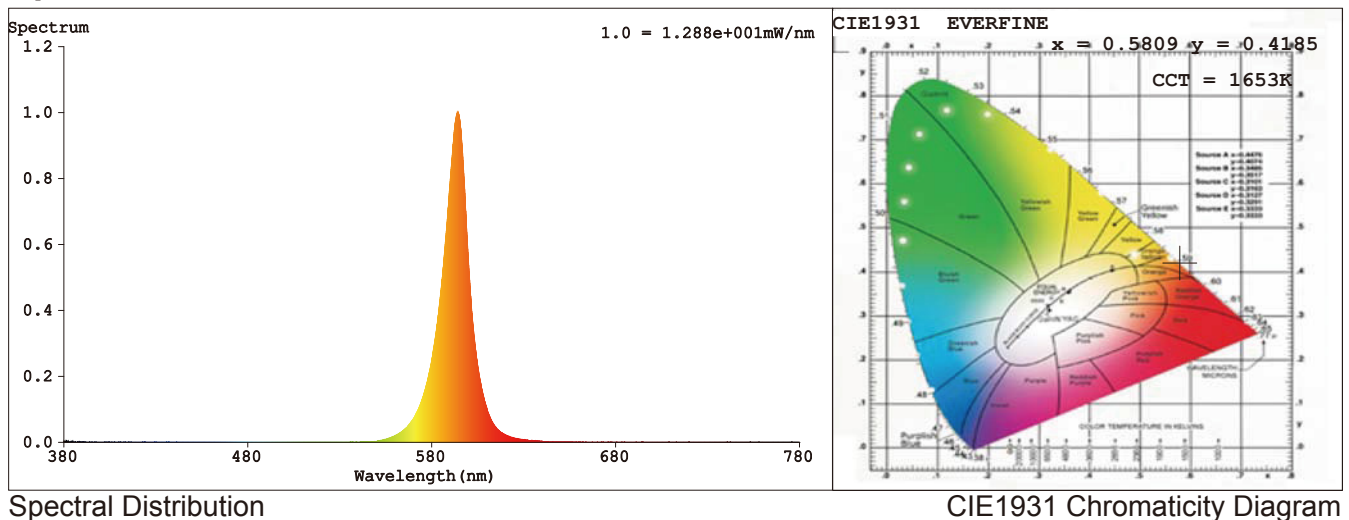
Date : 2019-05-06 09:52:35
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 47520 (73%)
T : 155 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.5809$ $y = 0.4185$ / $u' = 0.3387$ $v' = 0.5490$ ($duv=5.49e-03$)

CCT= 1653K Prcp WL: $L_d=591.0nm$ Purity=100.0%

Peak WL: $L_p=594nm$ FWHM: $=14.8nm$ Ratio:R=14.8% G=85.2% B=-0.0%

Render Index: $R_a = -26.8$

$R_1 = -43$ $R_2 = 47$ $R_3 = 17$ $R_4 = -75$ $R_5 = -47$ $R_6 = 31$ $R_7 = -7$

$R_8 = -137$ $R_9 = -407$ $R_{10} = 20$ $R_{11} = -106$ $R_{12} = -28$ $R_{13} = -24$ $R_{14} = 45$ $R_{15} = -71$

Photometric & Radiometric Parameters

Flux = 122.15 lm Eff. : 26.23 lm/W $F_e = 239.92 mW$

Electrical parameters

V = 12.00 V I = 0.3880 A P = 4.656 W PF = 1.000 F=0.00 Hz