



SL5-ORANGE-24V LED Strip

Product Details

Code	SL5-ORANGE-24V
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	100mm

Electrical Data

Voltage	24V
Power Consumption	4.8W/m
Dimmable	Yes (PWM)

Light Data

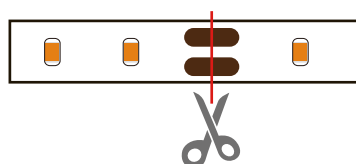
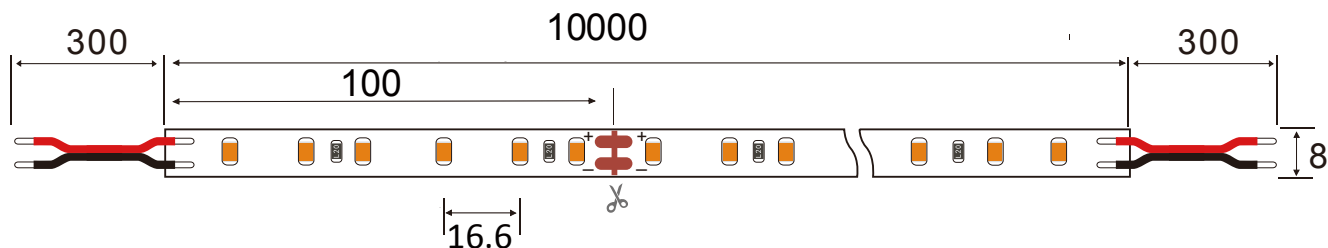
Color	Orange
Lumens per Metre	118
LEDs per Metre	60
Beam Angle	120°
Wave Length	585-590nm
LED Type	3014
LED Manufacturer	Epistar

Environment

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

SL5-ORANGE-24V LED Strip

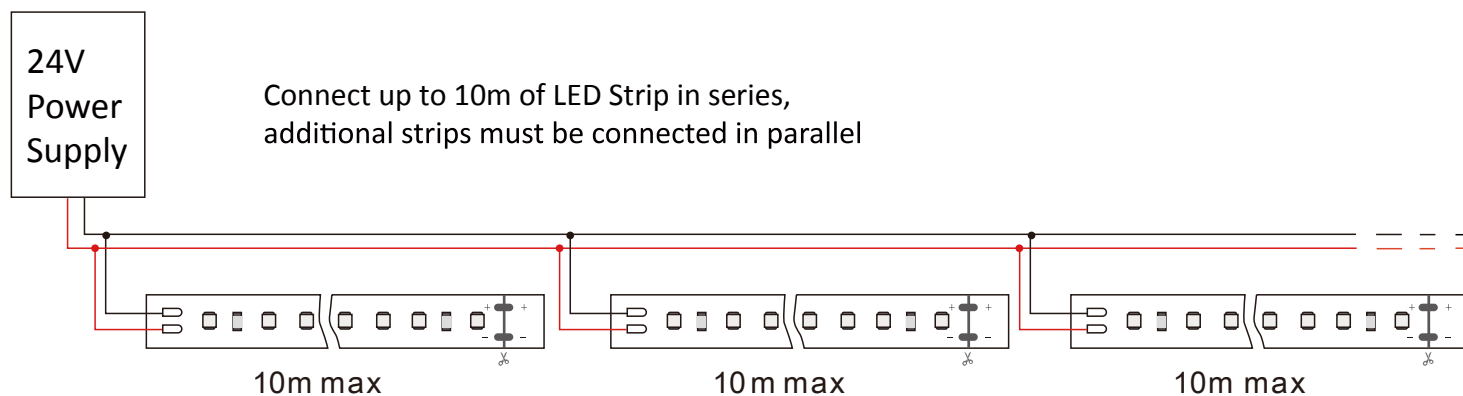
3014 60LEDs/m DC 24V Unit:mm



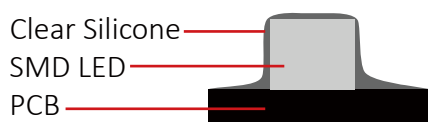
Cut in the centre of the copper or soldered points



Peel off paper backing to reveal 3m self adhesive



IP65 Silicone Spray Coating



Spectrum Test Report

Sample : 1m LED strip
Specification : SL5-24V-Orange
Sample No. : 51
LED type : Epistar 3014

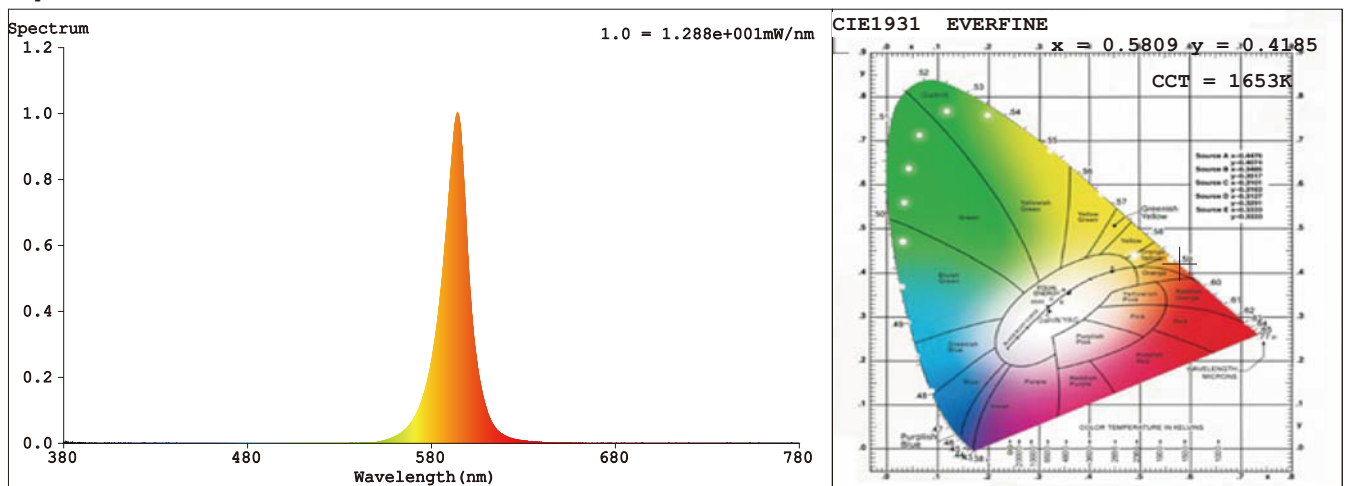
Date : 2019-03-21 15:10:35
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

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



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

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

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

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

Render Index: Ra = -26.8

R1 =-43 R2 =47 R3 =17 R4 =-75 R5 =-47 R6 =31 R7 =-7

R8 =-137 R9 =-407 R10=20 R11=-106 R12=-28 R13=-24 R14=45 R15=-71

Photometric & Radiometric Parameters

Flux = 118.15 lm Eff. : 25.38 lm/W Fe = 239.92 mW

Electrical parameters

V = 24.00 V I = 0.1940 A P = 4.656 W PF = 1.000 F=0.00 Hz