

NF7-ORANGE-24V LED Strip

Product Details

Code	NF7-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	5mm
Thickness Including LED	10mm
Cut Points	41.67mm

Electrical Data

Voltage	24V
Power Consumption	7W/m
Dimmable	Yes (PWM)

Light Data

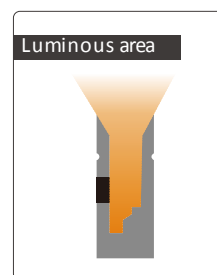
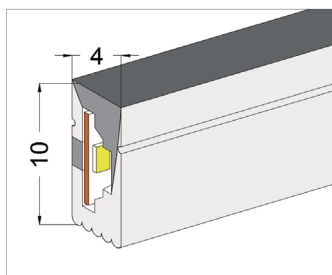
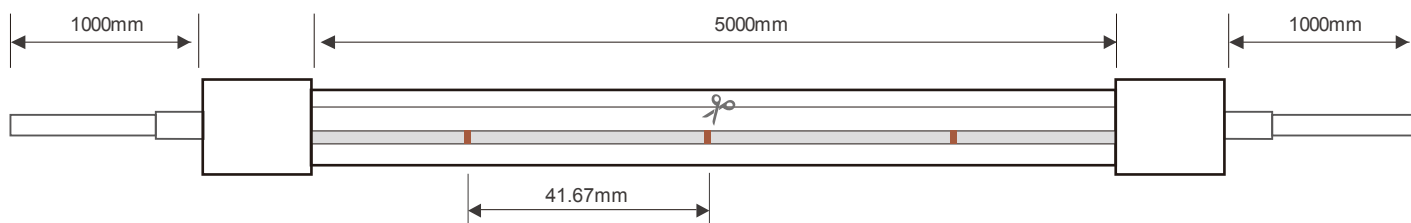
Colour	Orange
Lumens per Metre	50
LEDs per Metre	144
Beam Angle	120°
Wave Length	585-590nm
LED Type	3014
LED Manufacturer	Epistar

Environment

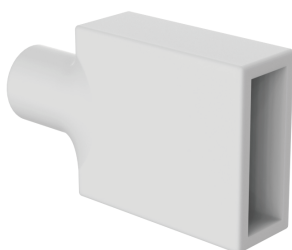
Operating Temperature	-30 ~ 50°C
Ingress Protection (IP) Rating	67

NF7-ORANGE-24V LED Strip

3014 144LEDs/m DC 24V Unit:mm



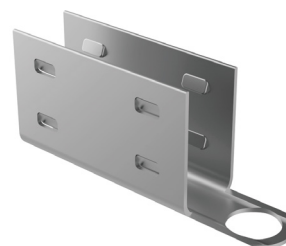
Accessories



Front Cap

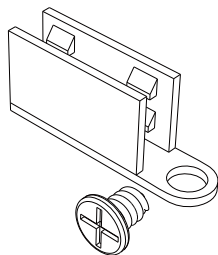


End Cap



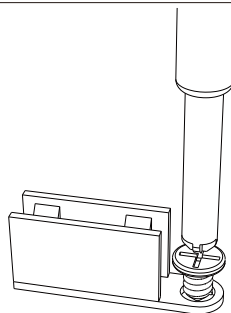
Fix Cap

Installation Fix Cap



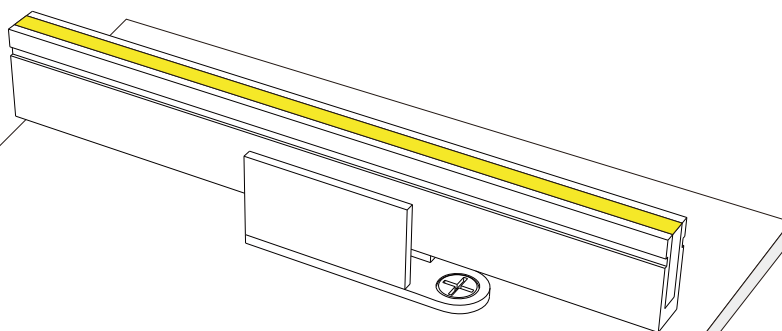
1

Prepare the screws and fixed clips



2

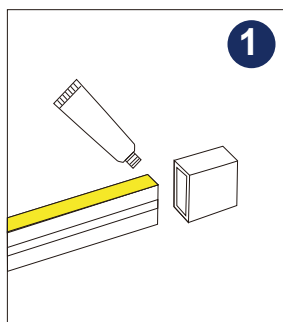
Adjust the fixed clips to the appropriate place, use a screwdriver to fix the screw



3

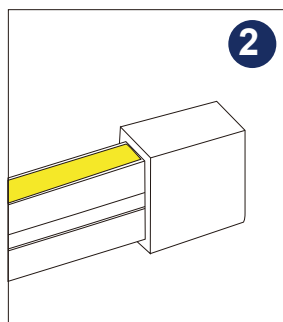
Put the light emitting surface upwards, then insert the led strip into the fixed clips

Installation End Cap



1

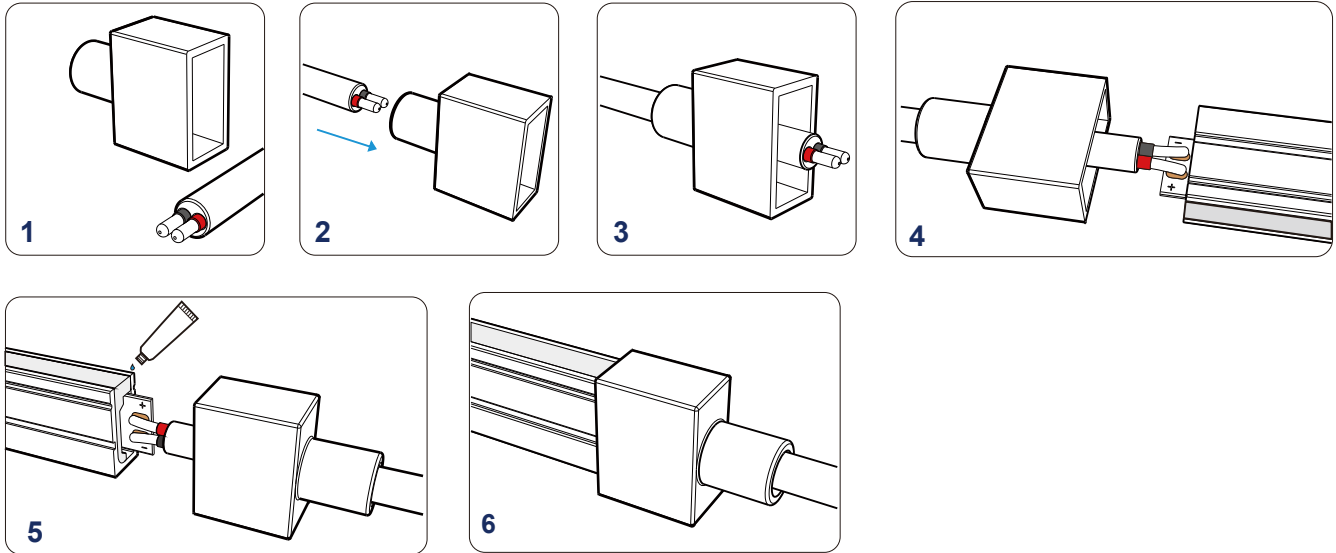
Using glue to fix the end cap on the end.



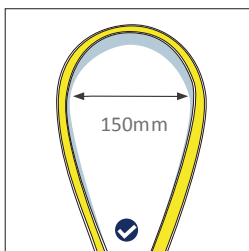
2

When the glue totally dried, then can packed it.

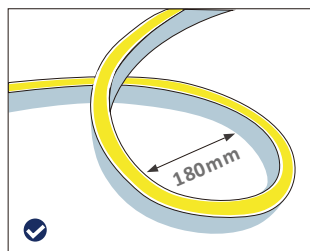
Installation Front Cap



Correct Bending Way Bend it the light surface in side way(left and right direction)

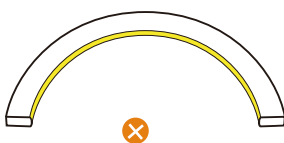


The minimum bending diameter is 150mm



Light surface upwards, the strip is bendable to right or left naturally, the minimum bending diameter is 180mm

Incorrect Bending Way



Don't bend the light surface in up and down direction



Please do not twist the strip, or it will be damaged

Spectrum Test Report

Sample : 1m LED strip
Specification : NF7-0410-24V-Orange (Neon)
Sample No. : 33
LED type : Epistar 3014

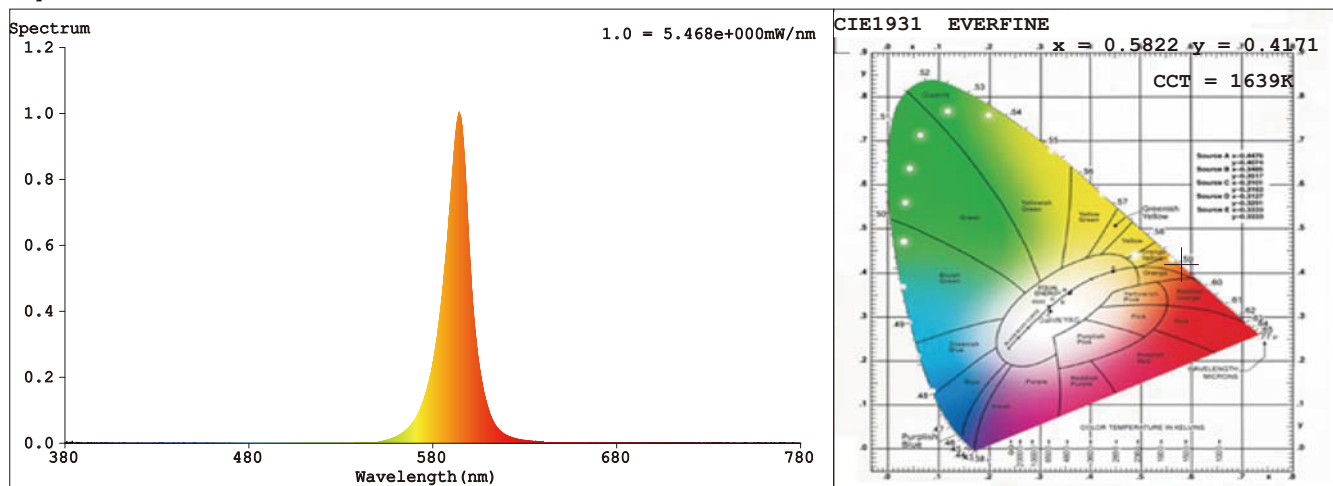
Date : 2019-03-21 14:51:57
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 47877 (73%)
T : 368 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.5822$ $y = 0.4171$ / $u' = 0.3405$ $v' = 0.5487$ ($duv = -5.30e-03$)

CCT= 1639K Prcp WL: $L_d = 591.2\text{nm}$ Purity=100.0%

Peak WL: $L_p = 594\text{nm}$ FWHM: $= 14.8\text{nm}$ Ratio: R=15.6% G=84.4% B=-0.0%

Render Index: $R_a = -26.2$

$R_1 = -42$ $R_2 = 48$ $R_3 = 17$ $R_4 = -75$ $R_5 = -47$ $R_6 = 33$ $R_7 = -7$
 $R_8 = -137$ $R_9 = -404$ $R_{10} = 22$ $R_{11} = -106$ $R_{12} = -23$ $R_{13} = -23$ $R_{14} = 45$ $R_{15} = -71$

Photometric & Radiometric Parameters

Flux = 49.974 lm Eff. : 6.37 lm/W Fe = 102.16 mW

Electrical parameters

V = 24.00 V I = 0.3267 A P = 7.840 W PF = 1.000 F=0.00 Hz