5050RGB 60 LED STRIP Light

PRODUCT SPECIFICATION
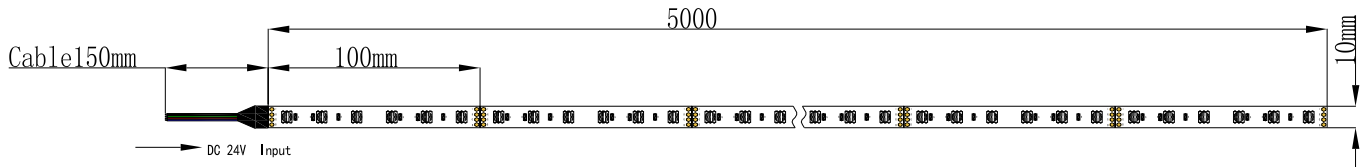

Key Feature

◆ High efficiency

◆ 5 years warranty with high quality

R G B

MechanicalDimensions:

Item Code: MF350A60A00-D000T1A10

5000

100mm

Cable150mm

10mm

DC 24V Input

Notice:

Safety Input Voltage: DC 24V

Size of each section is 100 mm, and cutting at "scissors symbol" place. LED Strip length's length tolerance is ±0.2%mm, width tolerance is ±0.2mm

Optical

LED type:	SMD 5050
Color rending index:	Ra>N/A
CCT Range:	R:620-630nm G:517-525nm B:450-470nm
Light output:	R:156Lm/m G:363Lm/m B:100Lm/m

Input current/m:	0.6A/m
Input Voltage:	DC24V
Voltage Power/m:	14.4W/M(±10%)
Static Electricity:	800V(ESD)
LEDs/meter:	60LED/M
Size of section:	100MM(6LED)

Others

|	
Energy grade:	A+
Warranty:	5years
Working hour:	50000h
Working temperature:	-20℃ ~ +45℃
Working humidity:	40%-70%RH
Measurement:	L5000*W12mm
Waterproof Rate Option:	IP20/IP54/IP65/IP67

Descriptions:

◆ LED Strip can be used in many kinds of places as decorative lighting/backlight/, such as Ceiling trough, Staircase, Hall walkway, Billboard Adyertising sign   , Bridge   , Shopwindow, Cabinet etc. ;

◆ LED Project Strip can be 20m/roll, or 30m/roll. 100% of the lamps will be tested and keep lighting for 24h testing its quality reliability, and we also test it temperature after 24 hours's lighting;

◆ We can provide with different Custom products, such as printing   Customer   LOGO on FPC, Custom Aluminum   Foil Bag Custom carton box/connector/DC cable/, Customs FPC design/color/width etc.

Waterproof Rate:

FPC — LED
IP20
No Waterproof

Nano Coating
FPC — LED
IP65
Nano Coating

Silicon Glue/
PU Glue
FPC — LED
IP65
PU Glue

Silicon Tube
FPC — LED
IP65
Silicon Tube

PU Tube
PU Glue
FPC — LED
IP67
PU Tube
PU Glue

Silicon Tube
Silicon Glue
FPC — LED
IP68
Silicon Tube
Silicon Glue
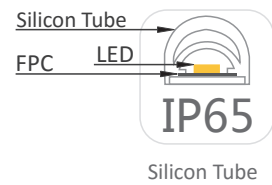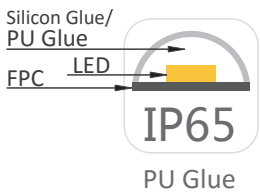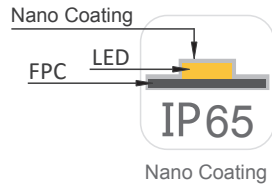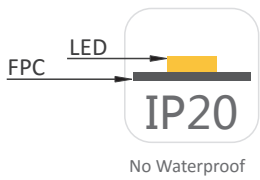
IPRateDescription:

IP20： Indoor use

IP65： Indoor use, No Color shift, Color Consistency

IP65： Lead-free and mercury-free 　　　　, Strong adhesion

IP65： Silicon glue with Anti-UV, never change color

IP67： Lead-free and mercury-free 　　　　, Strong adhesion

IP68： Silicon glue with Anti-UV, never change color
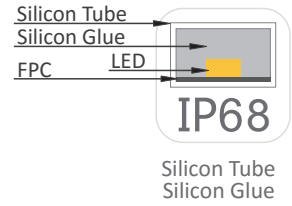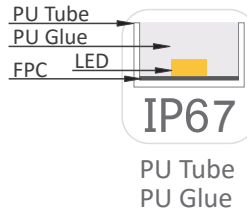
Wiring diagram application :
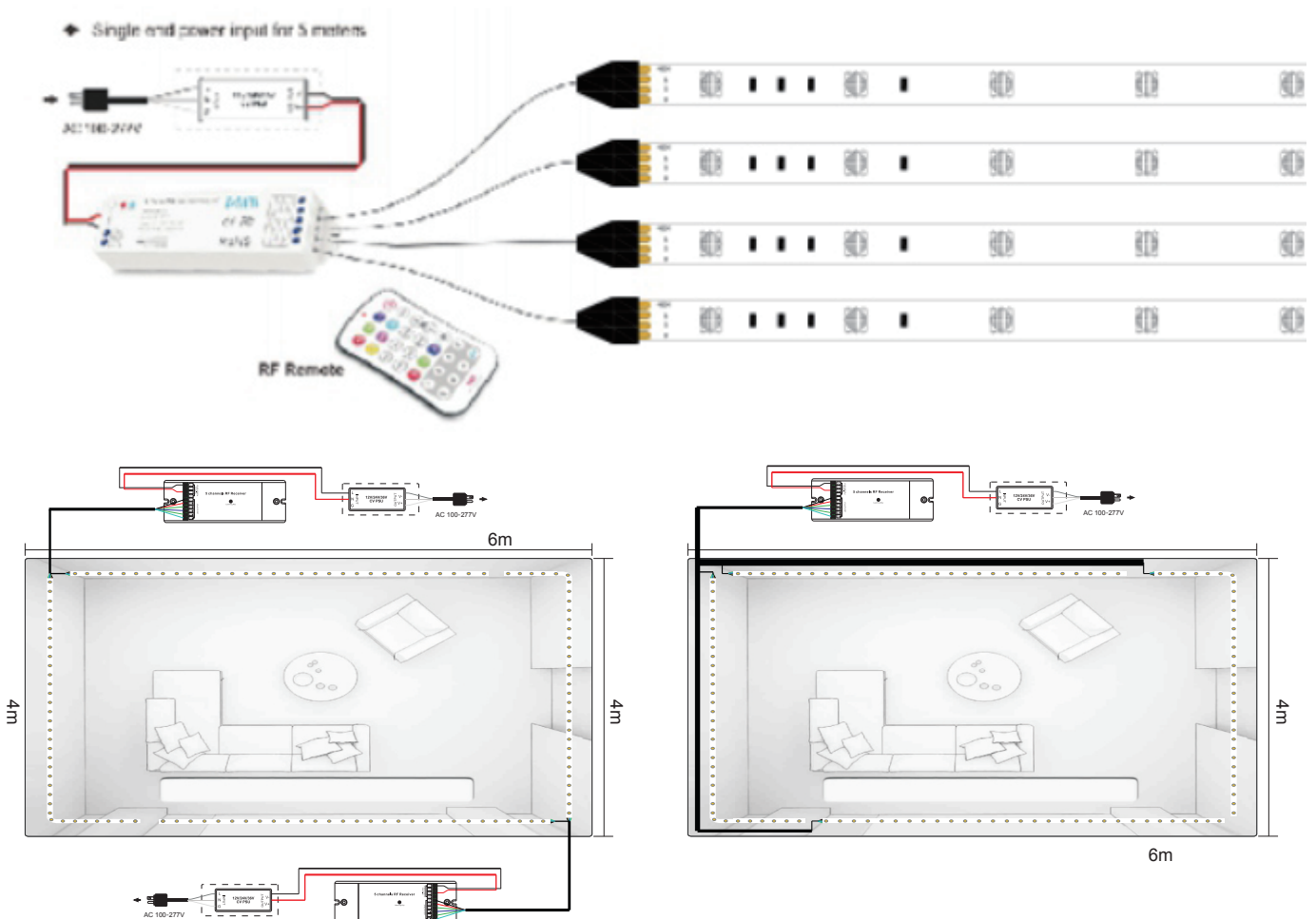
3MAdhesiveTape

3M 200 LSE Type
(Economy Type)

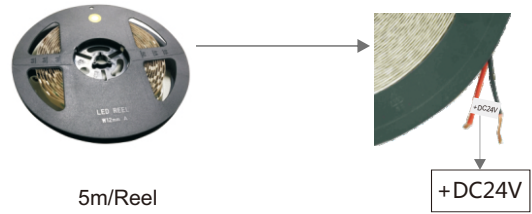3M 300 LSE Type
(Mid-quality Type)
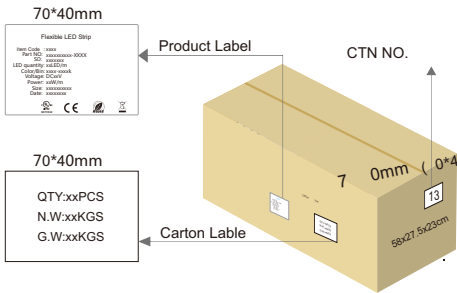
3M VHB RED
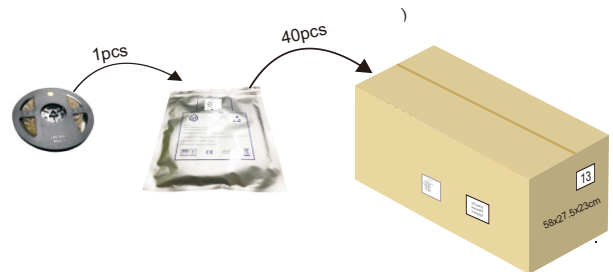(High-quality Type)

Packaging

Aluminium foil bag

Labelling area

210*235*0.12mm

Bag photo show

Plastic reel

5m/Reel

+DC24V

Width

70*40mm

Product Label

70*40mm

QTY:xxPCS
N.W:xxKGS
G.W:xxKGS

Carton Lable

CTN NO.

58x27.5x23cm

Carton box size: 58x27.5x23cm

Packing Number

1pcs

40pcs

58x27.5x23cm

Description:

Product series	Item code	CRI(Ra)	PCB Width	CCT(K)		Lumen Out.	LEDs/m	Current/m	VDC	Power (W/m)	IP Rate
5050RGB 60LED		N/A	10mm	R	629nm	156 lm/m	60	0.2A	24V	4.8W	IP 20
		N/A		G	521 nm	363 lm/m		0.2A	24V	4.8W	IP 20
		N/A		B	465 nm	100 lm/m		0.2A	24V	4.8W	IP 20
		N/A		W	>100000K	595 lm/m		0.6A	24V	14.4W	IP 20

⚠ Cautions:

≤50 mm diameter of wrapped object prohibited
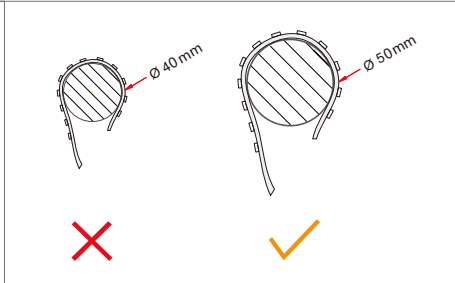
Touching LED, pls wear the electrostatic ring for avoiding ESD
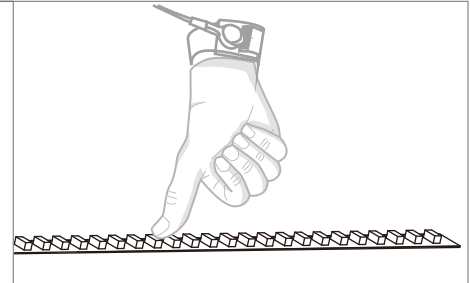
Disclaimer

Application notes for led flexiable strip

◆ Please use 24VDC, isolated power supply to drive the led strip, and the constant voltage source ripple less than 5%.

  Can't step-down the power by resistance-capacitance and nun-isolated power supply driver led strip, etc.

◆ To ensure the longevity and reliability of the strips, please do not bend the arc diameter 60mm or less, do not fold

  to avoid damaging the lamp beads or broken.

◆ To ensure the life and environment of lights, in the use of force can not pull the power cord to avoid damage to prohibit collision LED lights.

◆ During the installation of positive and negative attention to the power cord, do not pick the wrong voltage power

  supply and the product are the same, so as to avoid damage to the product.

◆ LED lights should be stored in dry sealed environment, the proposed storage period should not be too long before

  using unpacking, the working temperature: -20 ~ + 45 , Storage temperature: -0 ~ + 60 , not waterproof lights

  band indoor use, relative humidity not higher than 70%.

◆ In practical applications, the power supply should leave 20% margin (recommend using only 80% of the power)

  in order to ensure a sufficient amount of voltage drive products

◆ Do not use any acidic, alkaline adhesive securement products (including not limited to glass, plastic, etc.)