

Product Photo



→ Reinforced 5050 SMD LED inside

Key Feature

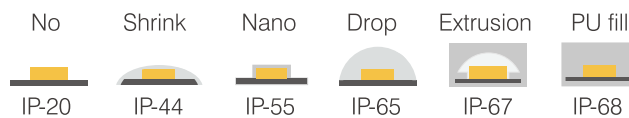
Product Advantages

- ▶ Reinforced 5050 SMD LEDs
- ▶ Reinforced 3-OZ (=35/70um) PCBs
- ▶ Excellent Linear Lighting performance
- ▶ Always same BIN for diferent batches
- ▶ Comply with all kinds of waterproof solutions
- ▶ 10mm width RGB with bottom soldering design
- ▶ Ultra-length connection in 12V design
14W/m = Max. 5m with one driver

CCT / COLOR Solution



Waterproof Solution



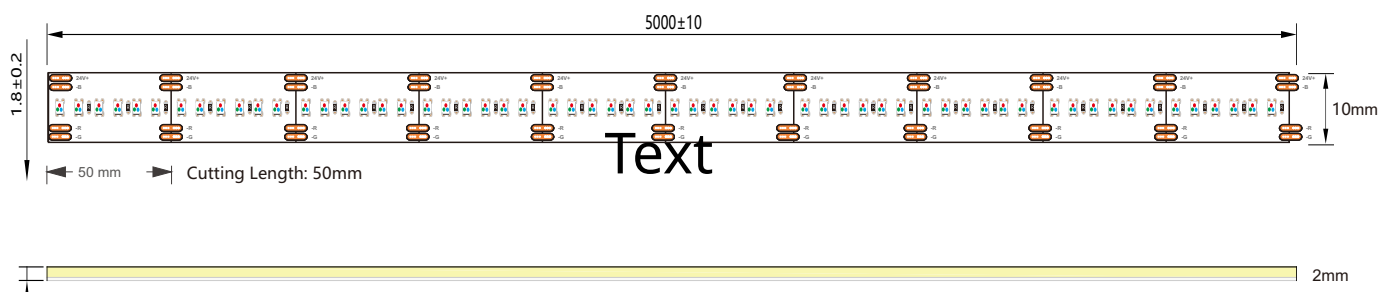
14W High-Power + 4-wire RGB + 5m Max. Running



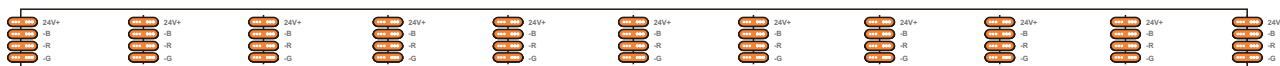
ITEM: 002018

Drawing:

ITEM: 5050-60-12V-14W-W10-RGB



Bottom design - PCB



Notice:

PCB: 10mm width with 3 OZ (35/70um copper);

Size of each section is 50mm.

LED Strip length' s length tolerance is $\pm 0.2\%$ mm, width tolerance is ± 0.2 mm.

Basic Parameters

Power	14W/meter
Voltage	DC- 12V
Current/M	1.2A/m
Viewing Angle	120°
Max. Connect	5m with Power-Feed at one end

Customized Options

PCB color Options	White / Black / Brown
PCB	10mm width & 3-OZ
Cutting Length	50mm
Waterproof	IP-20
Packing/roll	5m / 10m / 25m / 50m

Optical Parameters

CRI	RGB
Lumen	420 LM/m
Efficiency	30 LM/watt
LED Type	60pcs 5050
CCT	RGB

Others

Warranty	5-year
Working Temperature	-35°C to + 80°C
Storage Temperature	-35°C to + 80°C
Soldering Temperature	300°C for 3 seconds
Thermal Resistane	45°C/W

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3M Adhesive Tape



3M 200 LSE Type
(Economy Type)



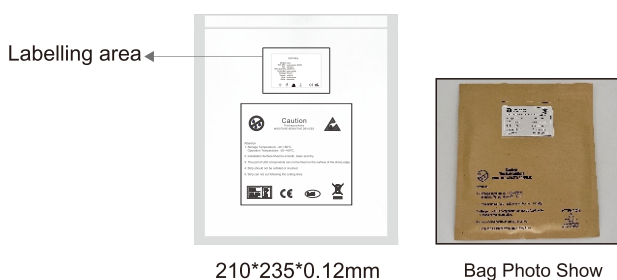
3M 300 LSE Type
(Mid-quality Type)



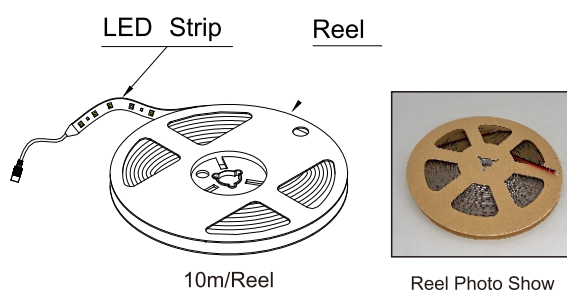
3M VHB RED
(High-quality Type)

Packaging

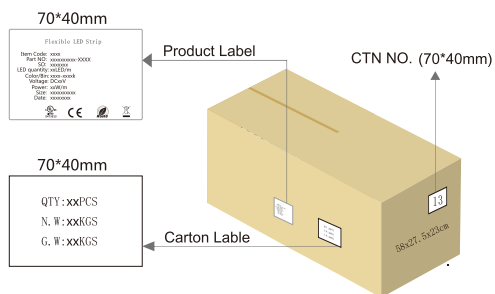
Environment-friendly Paper bag



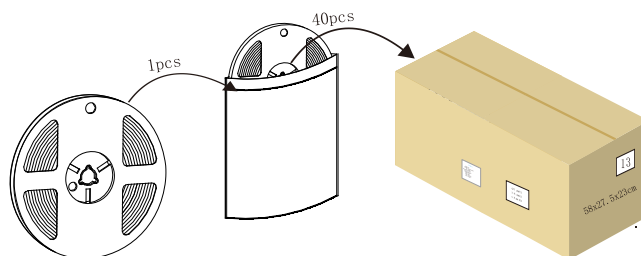
Environment-friendly Paper Reel



Carton box



Packing Number

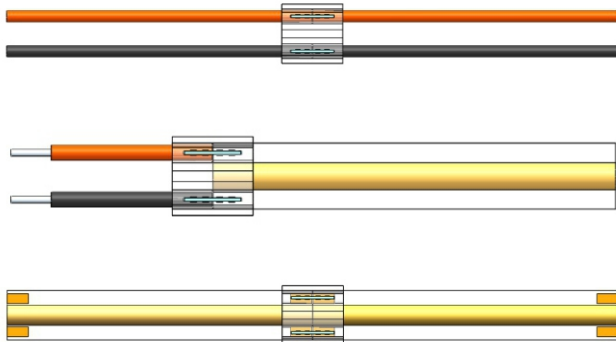


Carton box size: 58x36x23cm
 G.W / carton : 12.00 KG/carton
 Quantity /CTN : 400m/carton (40rolls * 10m/roll)

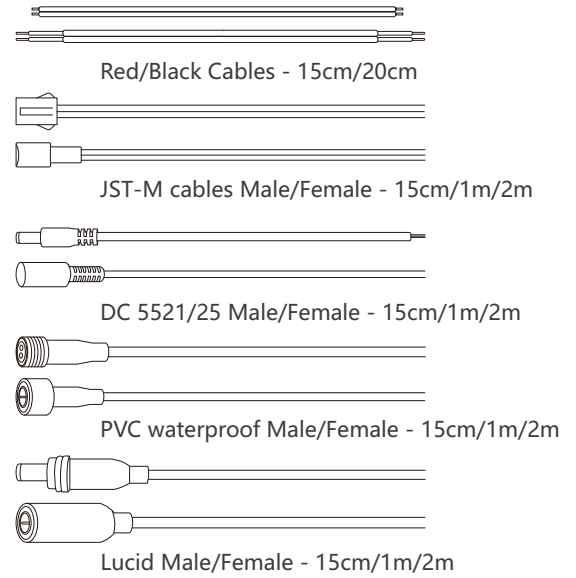
Strip Code :

Part No.	LEDs/Meter	Power	Voltage	Width	CCT	CRT	Lumen/m
002018	60-LEDs/m	14W/m	DC-12V	10mm	RGB	\	420 LM/m

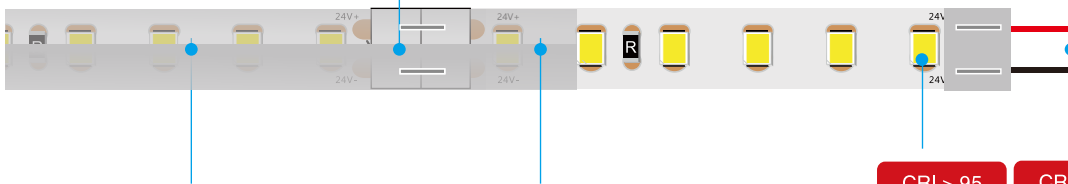
LED Strip Connectors



LED Strip Cables



Connectors



LED Strip cables

CRI > 95 CRI > 90 CRI > 80

2000K 2700K 3000K 3500K 4000K 4500K 6000K 9000K R G B

ONE BIN
SDCM ≤ 3

Various options, optional ordering,
Customizable CCT & BIN

Installation



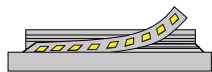
3M 300LSE



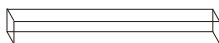
3M VHB Red tape



Heat dissipation



Aluminum Profile



PC Cover

Waterproof



IP-20 (No)



IP-44 (Shrink)



IP-55 (Nano)



IP-65 (Drop)

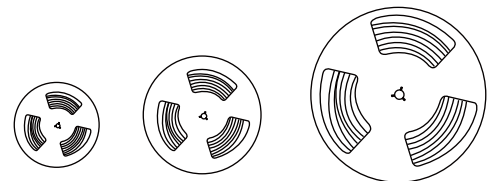


IP-67 (Tube)



IP-68 (Filling)

Non-waterproof >

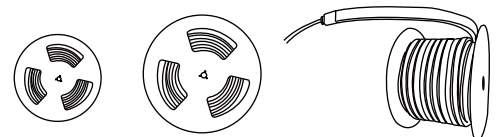


5m/Reel

10m/Reel

50m/Reel

Waterproof >



5m/Reel

10m/Reel

25m/Reel