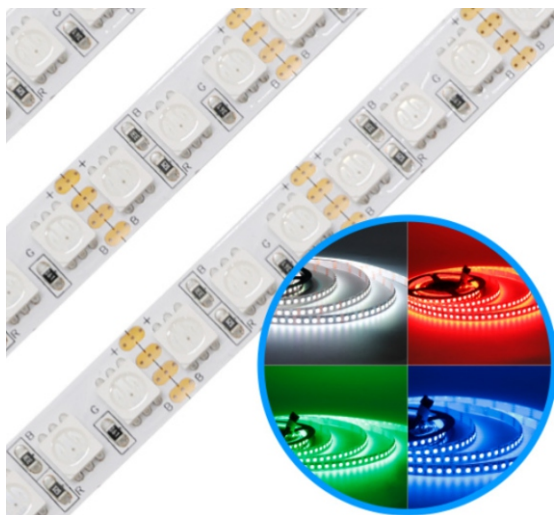


Product Photo



→ Reinforced 3838 SMD LED inside

Key Feature

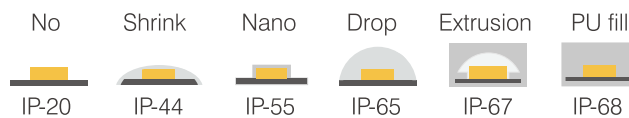
Product Advantages

- ▶ Reinforced 3838 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
10W/m = Max. 5m with one driver

CCT / COLOR Solution



Waterproof Solution

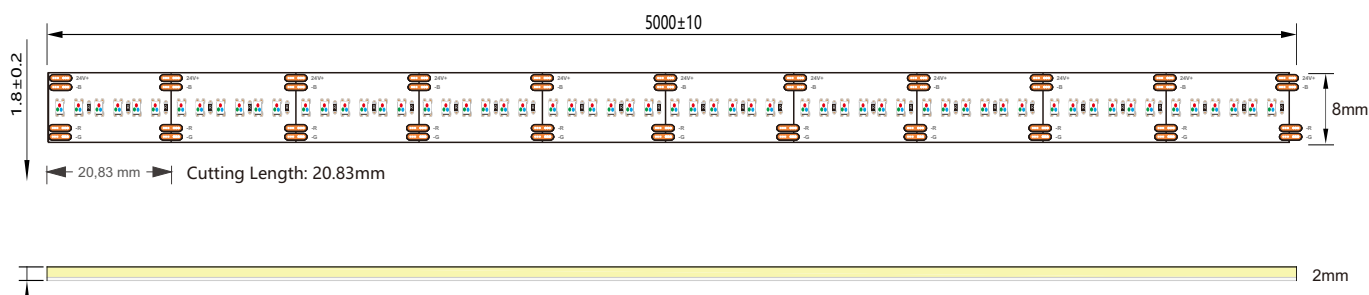


15W High-Power + 4-wire RGB + 10m Max. Running

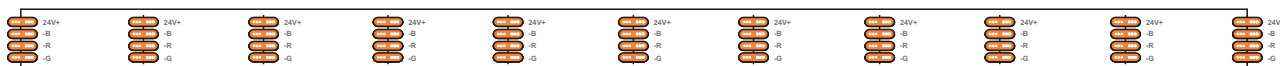


Drawing:

ITEM: 3838-144-12V-10W-W8-RGB



Bottom design - PCB



Notice:

PCB: 8mm width with 3 OZ (35/70um copper);

Size of each section is 20.83mm.

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

Basic Parameters

Power	10W/meter
Voltage	DC- 12V
Current/M	0.83A/m
Viewing Angle	120°
Max. Connect	5m with P ower-Feed at one end

Customized Options

PCB color Options	White / Black / Brown
PCB	10mm width & 3-OZ
Cutting Length	20.83mm
Waterproof	IP-20
Packing/roll	5m / 10m / 25m / 50m

Optical Parameters

CRI	RGB
Lumen	400 LM/m
Efficiency	40 LM/watt
LED Type	144pcs 3838
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

3M Adhesive Tape



3M 200 LSE Type
(Economy Type)



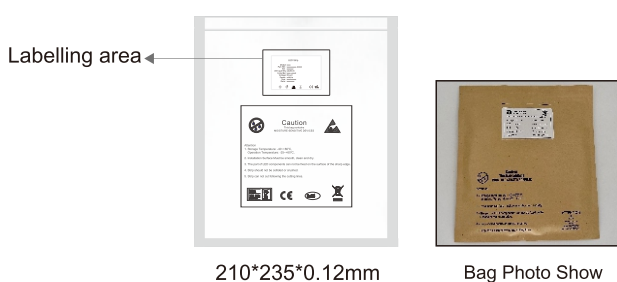
3M 300 LSE Type
(Mid-quality Type)



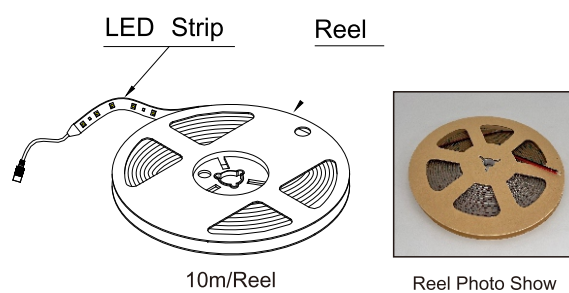
3M VHB RED
(High-quality Type)

Packaging

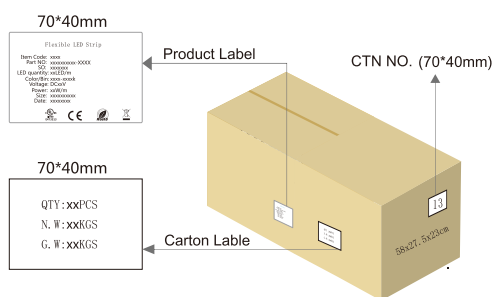
Environment-friendly Paper bag



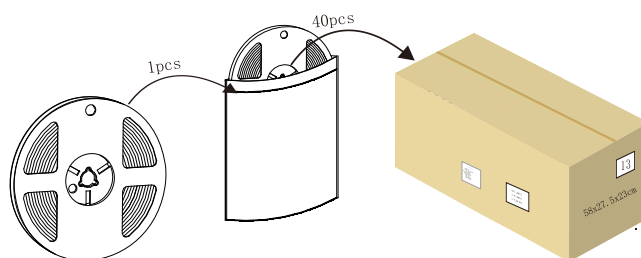
Environment-friendly Paper Reel



Carton box



Packing Number

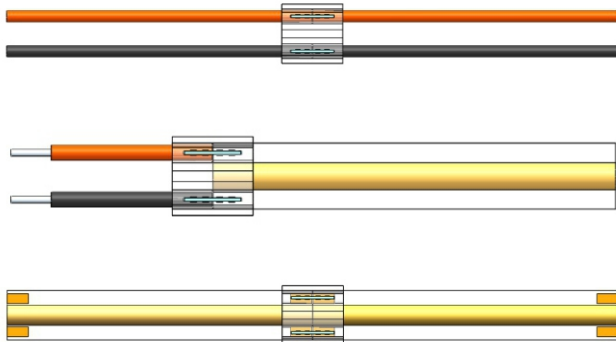


Carton box size: 58x36x23cm
 G.W / carton : 12.00 KG/carton
 Quantity /CTN : 400m/carton (40rolls * 10m/roll)

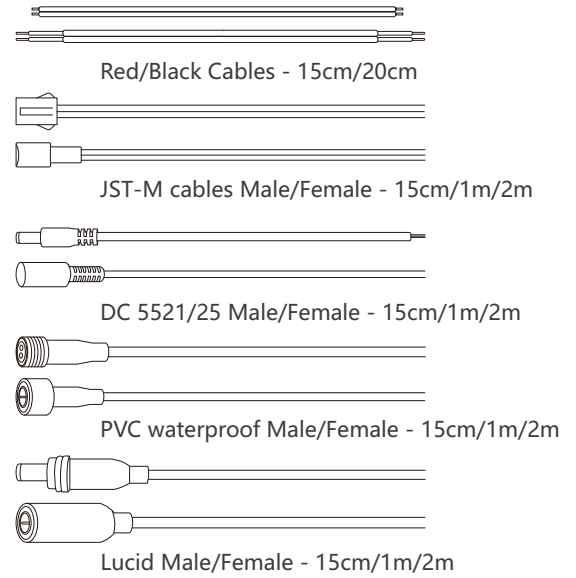
Strip Code :

Part No.	LEDs/Meter	Power	Voltage	Width	CCT	CRT	Lumen/m
127000	144-LEDs/m	10W/m	DC-12V	8mm	RGB	\	400 LM/m

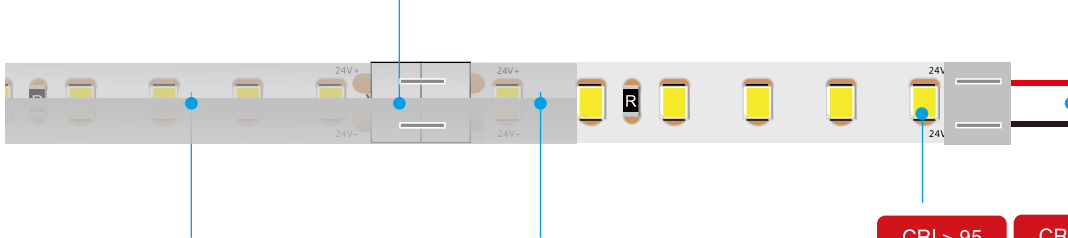
LED Strip Connectors



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



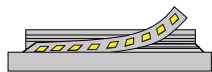
3M 300LSE



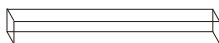
3M VHB Red tape



Heat dissipation



Aluminum Profile



PC Cover

Waterproof



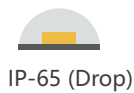
IP-20 (No)



IP-44 (Shrink)



IP-55 (Nano)



IP-65 (Drop)

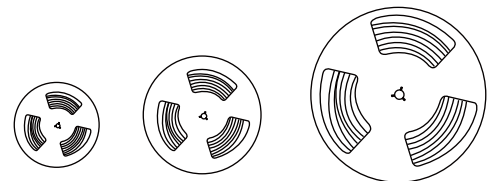


IP-67 (Tube)



IP-68 (Filling)

Non-waterproof >

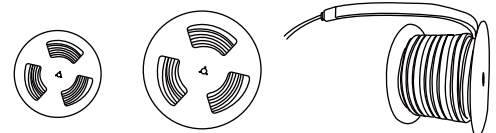


5m/Reel

10m/Reel

50m/Reel

Waterproof >



5m/Reel

10m/Reel

25m/Reel