

## Product Photo

ITEM: SCOB-840-20W-W12-24V-RGBW



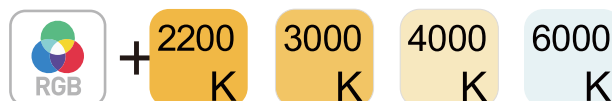
→ Reinforced 2020 SMD LED inside

## Key Feature

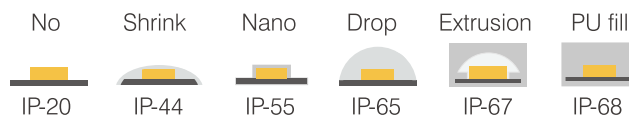
### Product Advantages

- ▶ Reinforced 2020 SMD LEDs inside
- ▶ Reinforced 3-OZ (=35/70um) PCBs
- ▶ Excellent Linear Lighting performance
- ▶ Always same BIN for different batches
- ▶ Comply with all kinds of waterproof solutions
- ▶ RGB+2200K/2700K/3000K/4000K/6000K
- ▶ Max. 5m in series connection with power at one end

### CCT / COLOR Solution

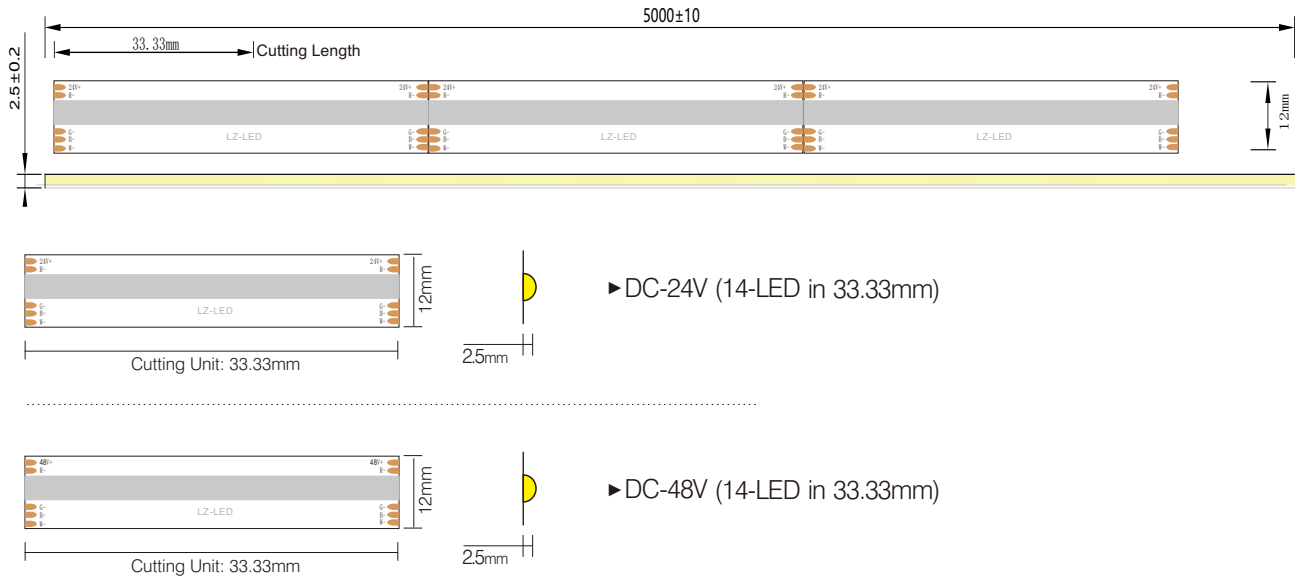


### Waterproof Solution



Drawing:

ITEM: SCOB-840-20W-W12-24V-RGBW



Notice:

PCB: 12mm width with 3 OZ (35/70um copper);

Size of each section is 31.25mm , and cutting at any place.

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

Basic Parameters

Power	20W/meter = (5W*4)
Voltage	DC-24V
Current/M	0.75A/m@24V
Viewing Angle	170°
Max. Connect	5m with Power-Feed at one end

Optical Parameters

CRI	CRI > 90
Lumen	800 LM/m
Efficiency	50 LM/watt
LED Type	2020 SMD LEDs
LED Chips	Epistar / San-An

Customized Options

PCB color Options	White / Black / Brown
PCB thickness	2-OZ / 3-OZ / 4-OZ
PCB width	3mm-12mm width optional
Logo Printing	Available
Packing/roll	5m / 10m / 15m / 50m

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)



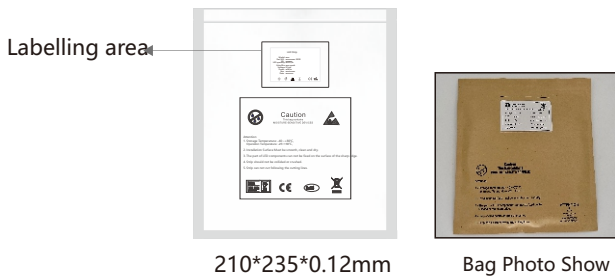
3M 300 LSE Type  
(Mid-quality Type)



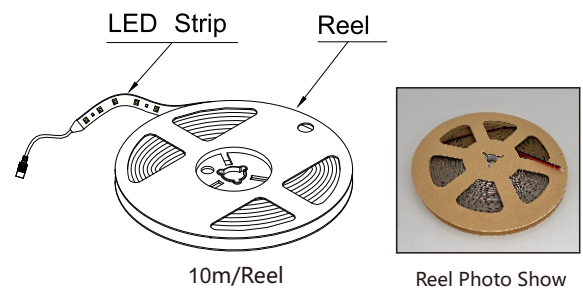
3M VHB RED  
(High-quality Type)

## Packaging

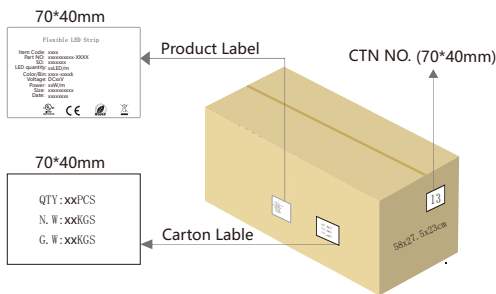
### Environment-friendly Paper bag



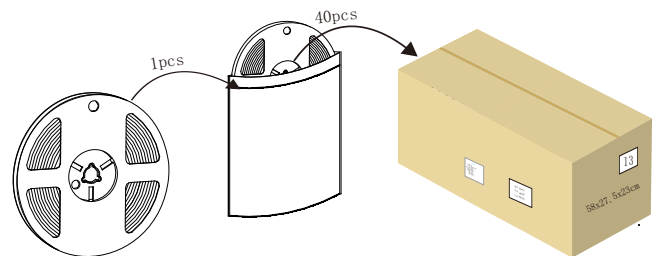
### Environment-friendly Paper Reel



### Carton box



### Packing Number



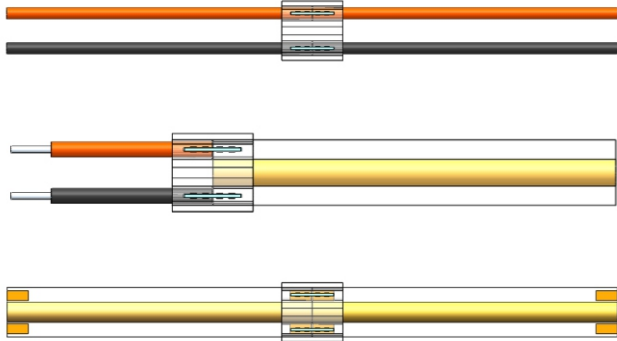
Carton box size: 58x36x23cm  
 G.W / carton : 12.00 KG/carton  
 Quantity /CTN : 400m/carton (40rolls \* 10m/roll)

## Strip Code :

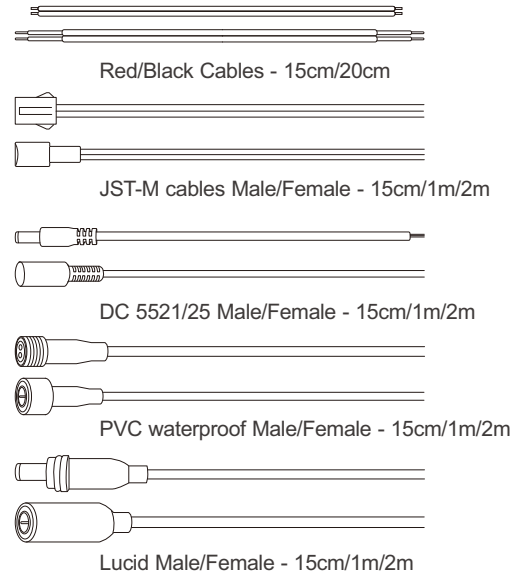
Part No.	LEDs/Meter	Power	Voltage	Width	CCT	CRI	Lumen/m
136050	840-LEDs/m	20W	DC-24V	12mm	RGB+3000K	Ra>90	700 LM/m
136045	840-LEDs/m	20W	DC-24V	12mm	RGB+6000K	Ra>90	750LM/m



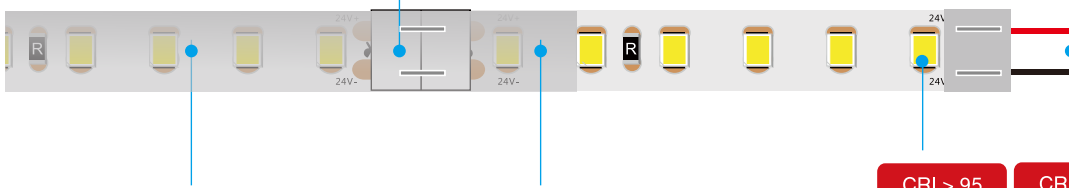
**LED Strip Connectors**



**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 <math>\leq 3</math>

Various options, optional ordering,  
Customizable CCT & BIN

**Installation**



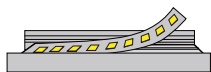
3M 300LSE



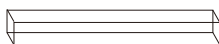
3M VHB Red tape



Heat dissipation

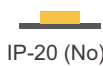


Aluminum Profile



PC Cover

**Waterproof**



IP-20 (No)



IP-44 (Shrink)



IP-55 (Nano)



IP-65 (Drop)



IP-67 (Tube)

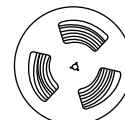


IP-68 (Filling)

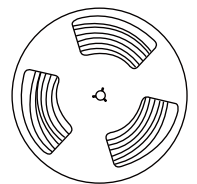
Non-waterproof >



5m/Reel



10m/Reel

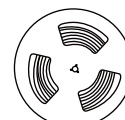


50m/Reel

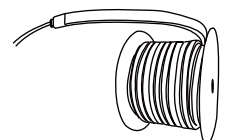
Waterproof >



5m/Reel



10m/Reel



25m/Reel