

Product Photo



→ Reinforced 2020 SMD LED inside

Key Feature

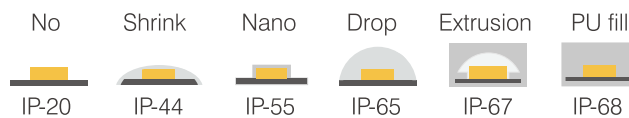
Product Advantages

- ▶ Reinforced 2020 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 24V design  
18W/m = Max. 10m with one driver

CCT / COLOR Solution



Waterproof Solution

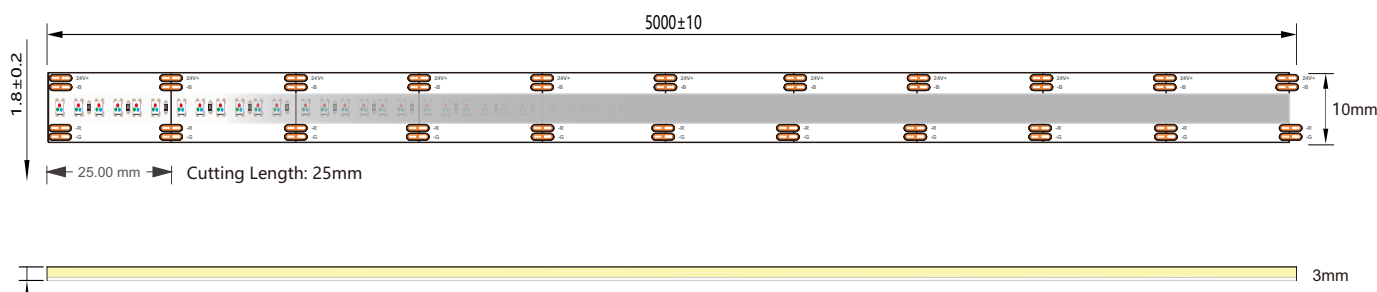


15W High-Power + 4-wire RGB + 10m Max. Running

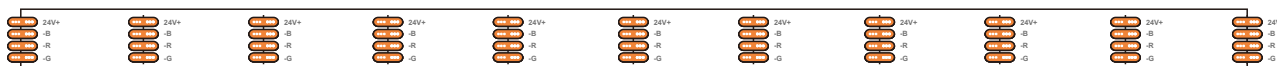


## Drawing:

ITEM: SCOB-840D-24V-15W-W10-RGB



### Bottom design - PCB



### Notice:

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

Size of each section is 25mm , and cutting at every 25mm.

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

### Basic Parameters

|               |                                |
|---------------|--------------------------------|
| Power         | 15W/meter                      |
| Voltage       | DC- 24V                        |
| Current/M     | 0.62A/m                        |
| Viewing Angle | 170°                           |
| Max. Connect  | 10m with Power-Feed at one end |

### Customized Options

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

### Optical Parameters

|            |                      |
|------------|----------------------|
| CRI        | RGB                  |
| Lumen      | 600 LM/m             |
| Efficiency | 40 LM/watt           |
| LED Type   | 280pcs 2020 SMD LEDs |
| 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)



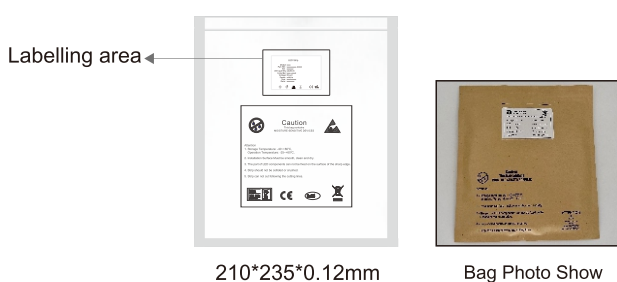
3M 300 LSE Type  
(Mid-quality Type)



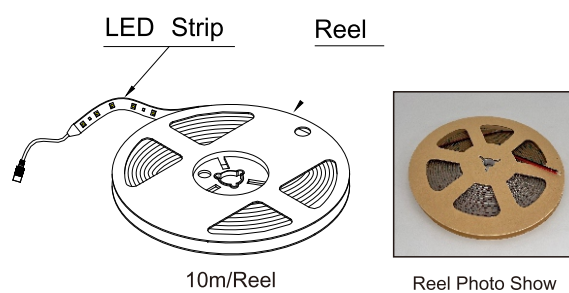
3M VHB RED  
(High-quality Type)

## Packaging

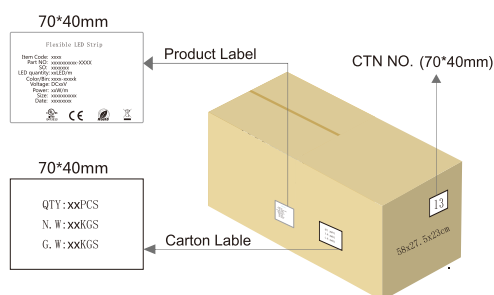
### Environment-friendly Paper bag



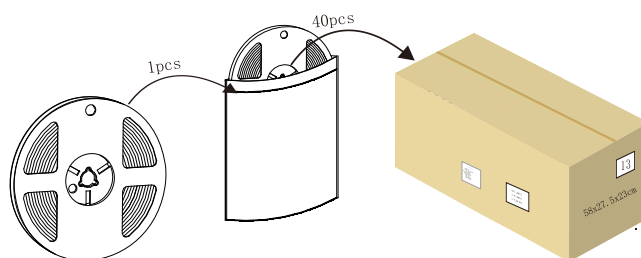
### Environment-friendly Paper Reel



### Carton box



### Packing Number

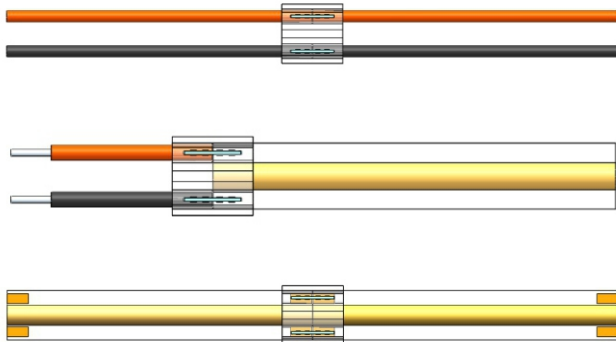


Carton box size: 58x36x23cm  
 G.W / carton : 12.00 KG/carton  
 Quantity /CTN : 400m/carton (40rolls \* 10m/roll)

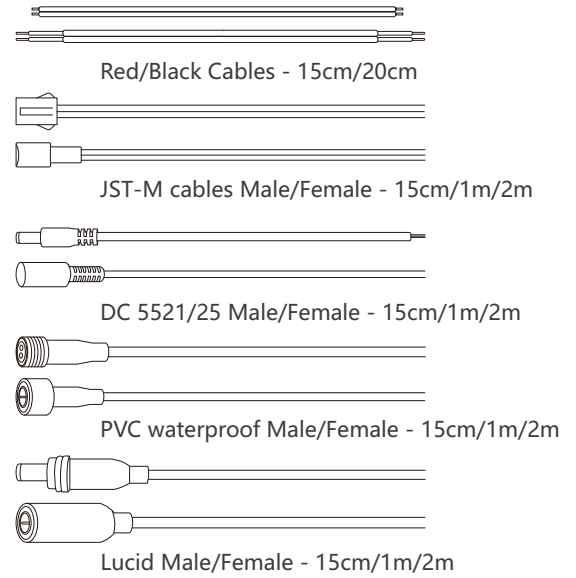
## Strip Code :

| Part No. | LEDs/Meter | Power | Voltage | Width | CCT | CRT | Lumen/m  |
|----------|------------|-------|---------|-------|-----|-----|----------|
| 127016   | 840-LEDs/m | 15W/m | DC-24V  | 10mm  | RGB | \   | 600 LM/m |
|          |            |       |         |       |     |     |          |
|          |            |       |         |       |     |     |          |
|          |            |       |         |       |     |     |          |

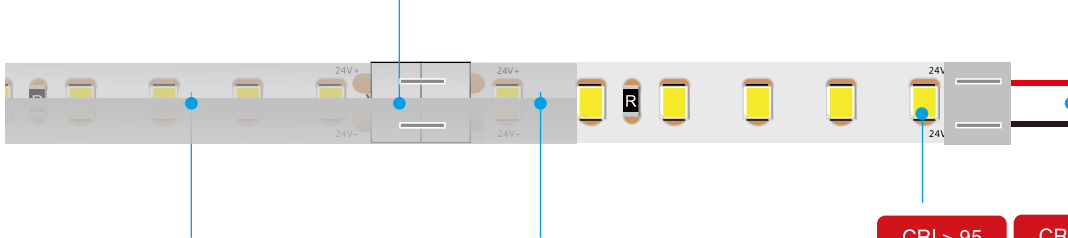
LED Strip Connectors



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 <math>\le 3</math>

Various options, optional ordering,  
Customizable CCT & BIN

Installation



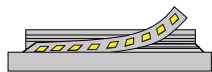
3M 300LSE



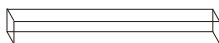
3M VHB Red tape



Heat dissipation



Aluminum Profile



PC Cover

Waterproof



IP-20 (No)



IP-44 (Shrink)



IP-55 (Nano)



IP-65 (Drop)

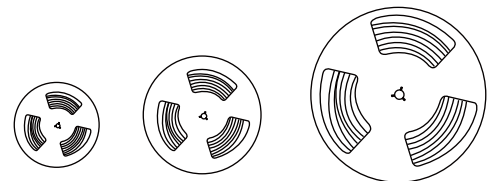


IP-67 (Tube)



IP-68 (Filling)

Non-waterproof >

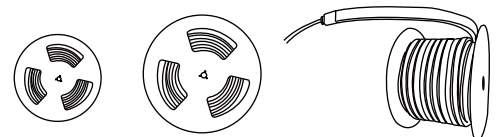


5m/Reel

10m/Reel

50m/Reel

Waterproof >



5m/Reel

10m/Reel

25m/Reel