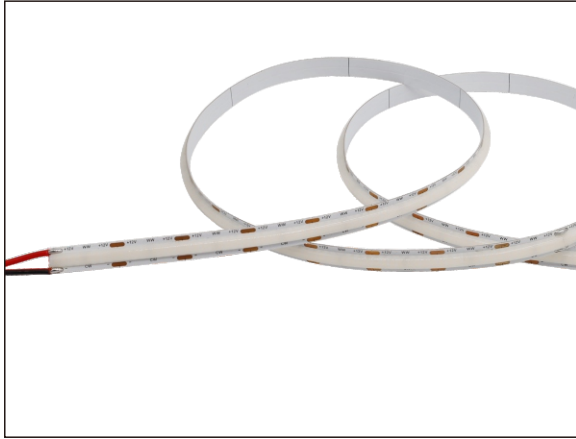


Product Photo



→ Reinforced 2216 SMD LED inside

ERP Energy Label

**ENERGY**

SUPPLIER'S NAME  
MODEL IDENTIFIER

A  
B  
C  
D  
**E**  
F  
G

10  
kWh/1000h

2019/2015

Key Feature

Product Advantages

- ▶ Reinforced 2216 SMD LEDs inside - 320 LED/m
- ▶ Reinforced 3-OZ (=35/70um) PCBs
- ▶ Excellent Linear Lighting performance
- ▶ Always same BIN for different batches
- ▶ Comply with all kinds of waterproof solutions
- ▶ High Efficiency > 130 LM/W & DC-12V
- ▶ Max.5m in series connection with power at one end

CCT / COLOR Solution

2000K	2700K	3000K	3500K	4000K	4500K	6000K	9000K
SS	SW	WW	WN	NW	SN	CW	SC

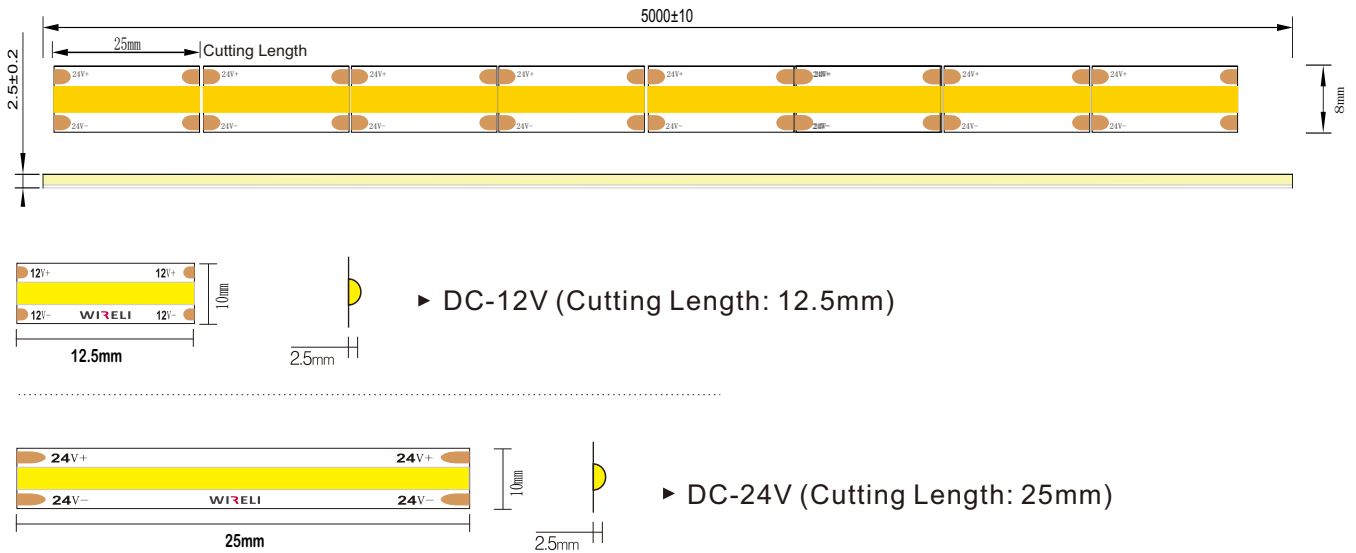
Waterproof Solution

No	Shrink	Nano	Drop	Extrusion	PU fill
IP-20	IP-44	IP-55	IP-65	IP-67	IP-68



## Drawing:

ITEM: SCOB-320-10W-W8-12V-R90-130LM/W



**Notice:**

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

Thickness: 2.5mm  $\pm 0.2$ mm

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

### Basic Parameters

Power	10W/meter
Voltage	DC-12V (24V optional)
Current/M	0.83A/m@12V
PCB	8mm width & 3-OZ
Max. Connect	5m with Power-Feed at one end

### Optical Parameters

CRI	CRI > 90
Lumen	1300 LM/m
Efficiency	130 LM/watt
LED Type	320pcs 2016 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)



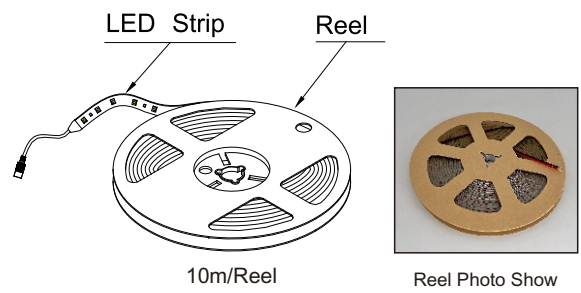
3M VHB RED  
(High-quality Type)

## Packaging

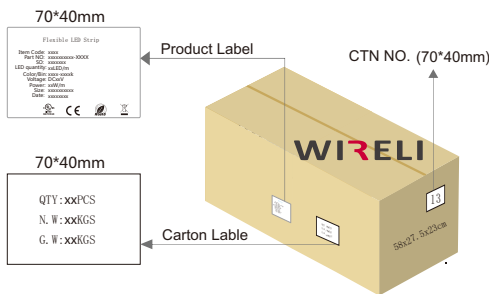
### Environment-friendly Paper bag



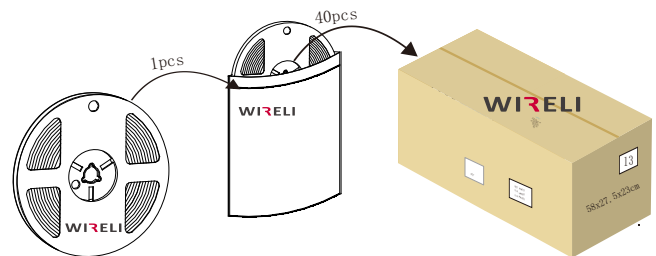
### Environment-friendly Paper Reel



### Carton box



### Packing Number

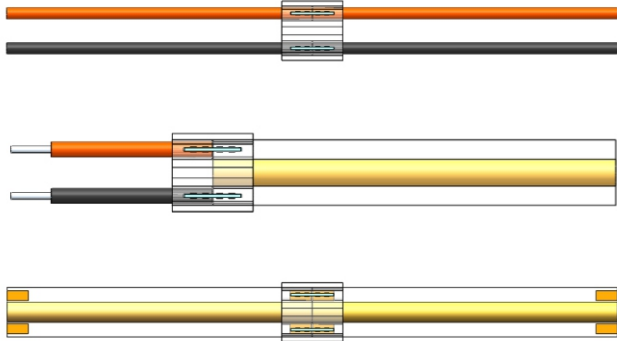


Carton box size: 58x36x23cm  
 G.W / carton : 12.00 KG/carton  
 Quantity /CTN : 400m/carton (40rolls \* 10m/roll)

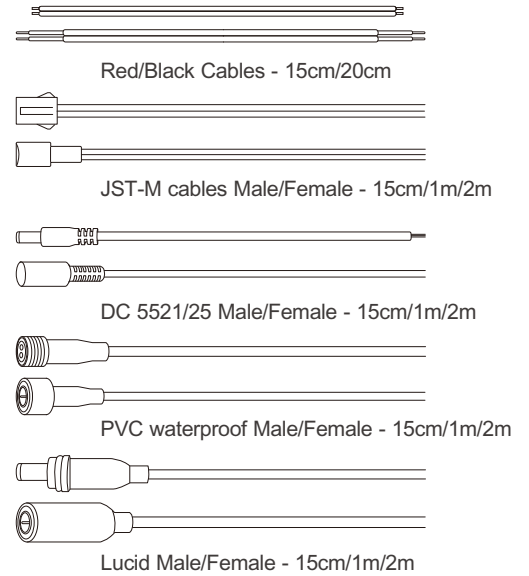
## Strip Code :

Part No.	CCT	Power	Voltage	LEDs/m	CRI	PCB width	Efficiency	LM/meter	ErP Class
	2000K	10W/m	DC-12V	320-LEDs/m	>90	8mm	95 LM/watt	950LM/m	F
	2700K	10W/m	DC-12V	320-LEDs/m	>90	8mm	110 LM/watt	1100LM/m	E
3202360601	3000K	10W/m	DC-12V	320-LEDs/m	>90	8mm	120 LM/watt	1200LM/m	E
3202359601	4000K	10W/m	DC-12V	320-LEDs/m	>90	8mm	130 LM/watt	1300LM/m	E
3202358601	6000K	10W/m	DC-12V	320-LEDs/m	>90	8mm	130 LM/watt	1300LM/m	E

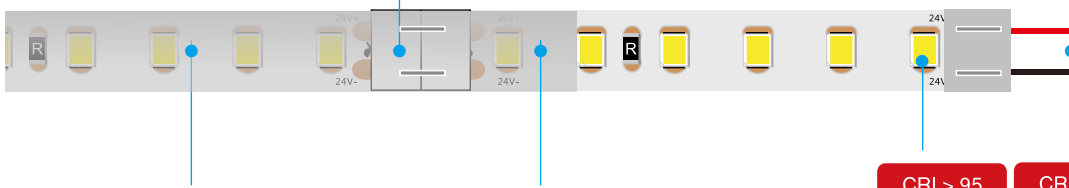
**LED Strip Connectors**



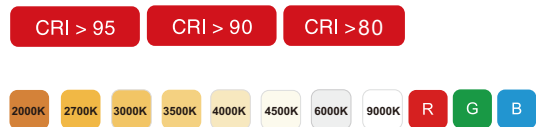
**LED Strip Cables**



**Connectors**



**LED Strip cables**



Various options, optional ordering,  
Customizable CCT & BIN

**Installation**



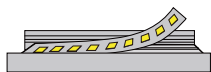
3M 300LSE



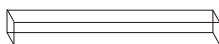
3M VHB Red tape



Heat dissipation



Aluminum Profile



PC Cover

**Waterproof**



IP-20 (No)



IP-44 (Shrink)



IP-55 (Nano)



IP-65 (Drop)

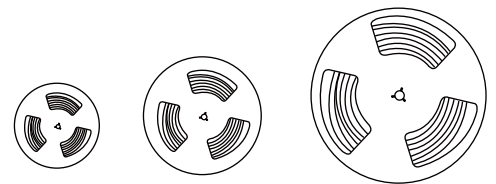


IP-67 (Tube)



IP-68 (Filling)

Non-waterproof

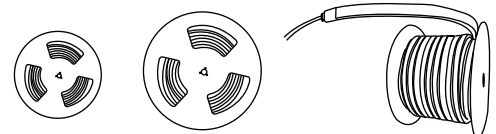


5m/Reel

10m/Reel

50m/Reel

Waterproof



5m/Reel

10m/Reel

25m/Reel