



Product Photo



ERP Energy Label

SUPPLIER'S NAME
MODEL IDENTIFIER

A
B
C
D
E
F
G

B

8
kWh/1000h

2019/2015



→ High-Efficiency 2835 SMD LED

Key Feature

Product Advantages

- ▶ Super High-Lumen Efficiency - 200 LM/W
- ▶ Reinforced 3-OZ (=35/70um) PCBs
- ▶ CRI > 80
- ▶ Always same BIN for different batches
- ▶ Comply with all kinds of waterproof solutions
- ▶ DC-24V design
- ▶ 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

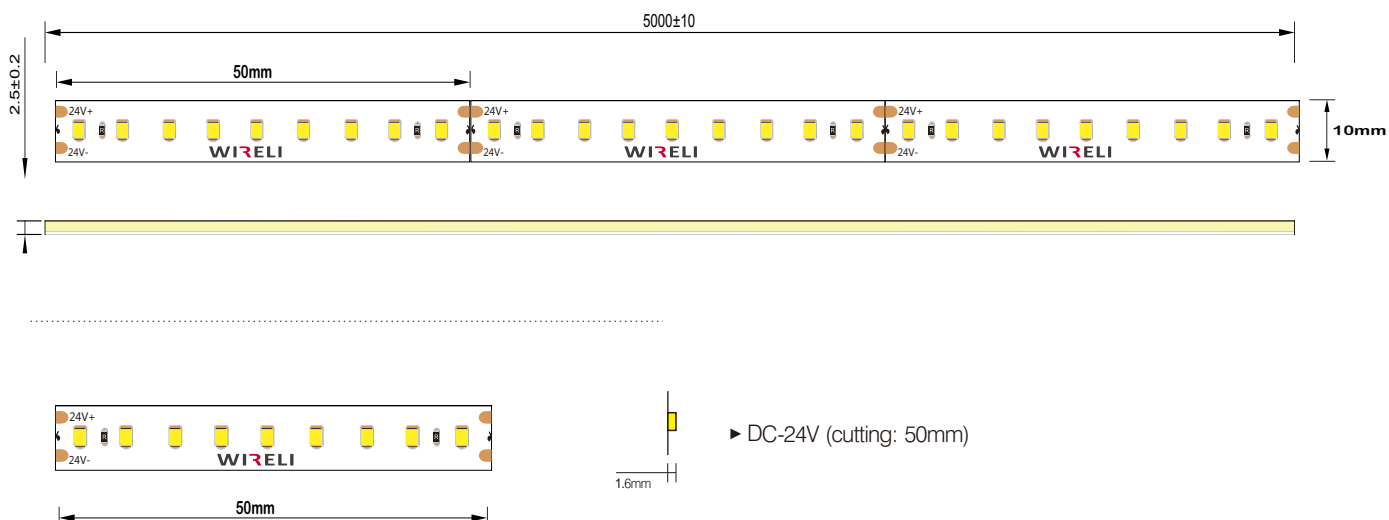
Waterproof Solution

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



Drawing:

ITEM: 2835-180-8W-W10-24V-IP55



Notice:

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

Size of each section is 50mm

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

Basic Parameters

Power	8W/meter
Voltage	DC-24V
Current/M	0.33A/m@24V
PCB	10mm width & 3-OZ
Max. Connect	5m with Power-Feed at one end

Optical Parameters

CRI	CRI>80
Lumen	1700 LM/meter
Efficiency	200 LM/watt
LED Type	180pcs 2835 SMD LEDs
LED Chip	Epistar / San-An

Customized Options

PCB color Options	White / Black / Brown
PCB thickness	2-OZ / 3-OZ / 4-OZ
PCB width	10mm 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)



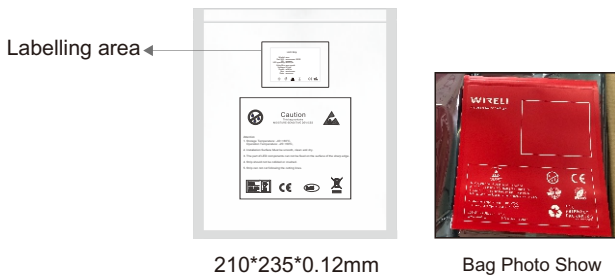
3M 300 LSE Type
(Mid-quality Type)



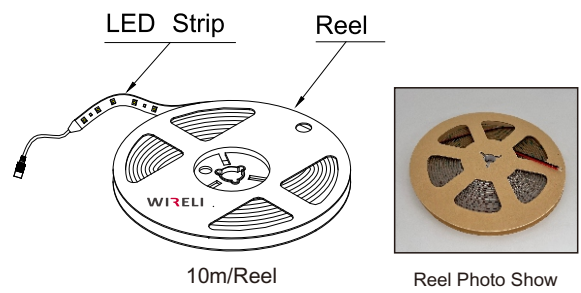
3M VHB RED
(High-quality Type)

Packaging

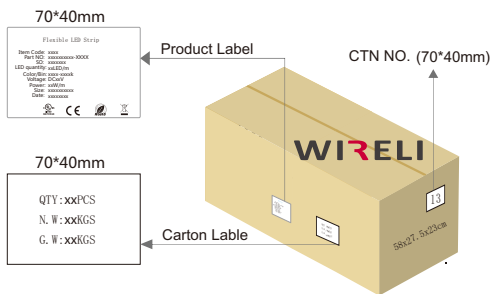
Environment-friendly Paper bag



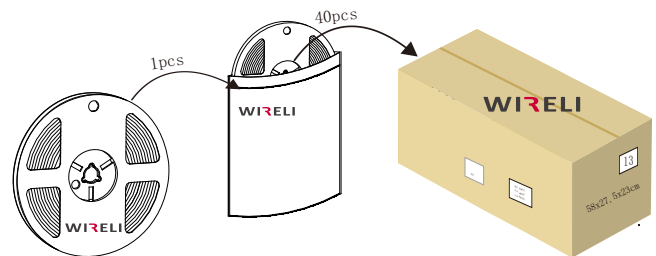
Environment-friendly Paper Reel



Carton box



Packing Number



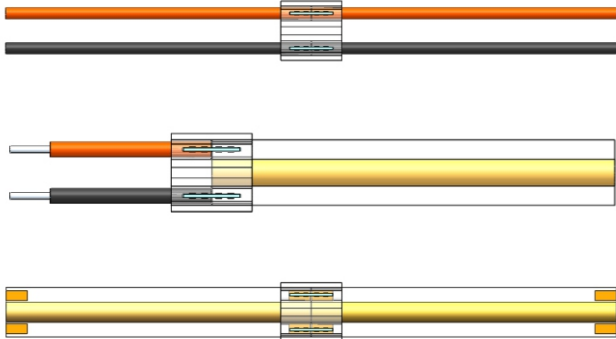
Carton box size: 58x36x23cm
 G.W / carton : 12.00 KG/carton
 Quantity /CTN : 400m/carton (40rolls * 10m/roll)

Strip Code :

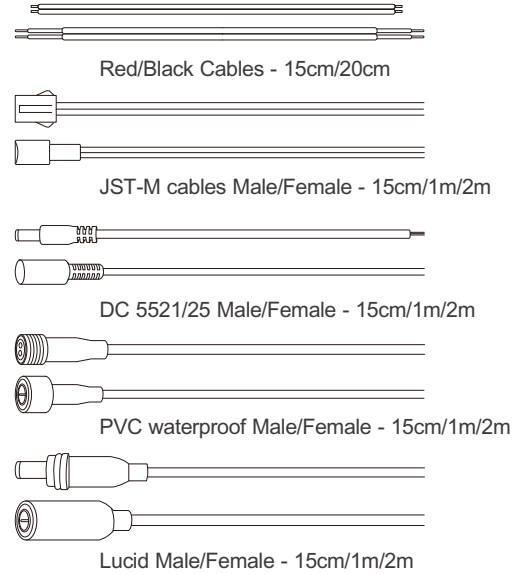
Part No.	CCT	Power	Voltage	LEDs/m	CRI	PCB width	Efficiency	LM/meter	ErP Class
	2000K	8W/m	DC-24V	180-LEDs/m	>80	10mm	160 LM/watt	1280LM/m	D
	2700K	8W/m	DC-24V	180-LEDs/m	>80	10mm	170 LM/watt	1360LM/m	C
3602374601	3000K	8W/m	DC-24V	180-LEDs/m	>80	10mm	180 LM/watt	1440LM/m	C
3202373601	4000K	8W/m	DC-24V	180-LEDs/m	>80	10mm	200 LM/watt	1600LM/m	B
3202372601	6000K	8W/m	DC-24V	180-LEDs/m	>80	10mm	210 LM/watt	1700LM/m	B



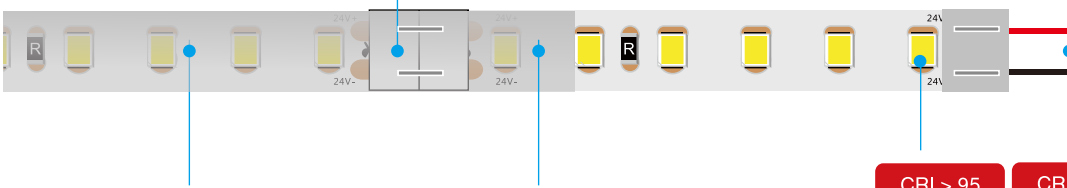
LED Strip Connectors



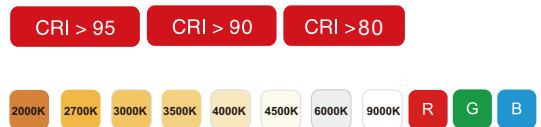
LED Strip Cables



Connectors



LED Strip cables



Various options, optional ordering,
Customizable CCT & BIN

Installation



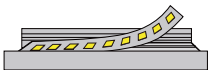
3M 300LSE



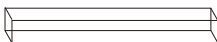
3M VHB Red tape



Heat dissipation



Aluminum Profile



PC Cover

Waterproof



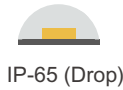
IP-20 (No)



IP-44 (Shrink)



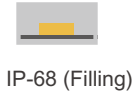
IP-55 (Nano)



IP-65 (Drop)

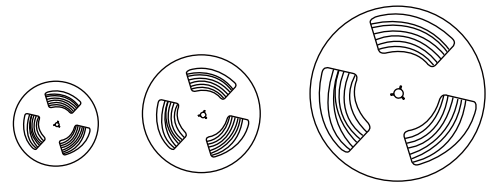


IP-67 (Tube)



IP-68 (Filling)

Non-waterproof

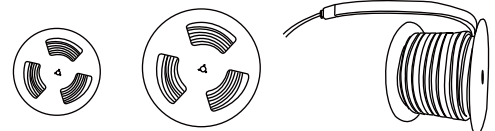


5m/Reel

10m/Reel

50m/Reel

Waterproof



5m/Reel

10m/Reel

25m/Reel