

Product Photo



→ Reinforced 2216 SMD LED inside

ERP Energy Label

ENERGY

SUPPLIER'S NAME
MODEL IDENTIFIER

A
B
C
D
E
F
G

F

7
kWh/1000h

2019/2015

Key Feature

Product Advantages

- ▶ Reinforced 2216 SMD LEDs inside 300 LED/m
- ▶ Reinforced 3-OZ (=35/70um) PCBs
- ▶ Excellent Linear Lighting performance
- ▶ CRI>90 & same BIN for different batches
- ▶ Comply with all kinds of waterproof solutions
- ▶ Free-Cutting design - Cutting anywhere
- ▶ Ultra-length connection in 24V design
7W/m = Max. 10m in series connection with one driver

CCT / COLOR Solution

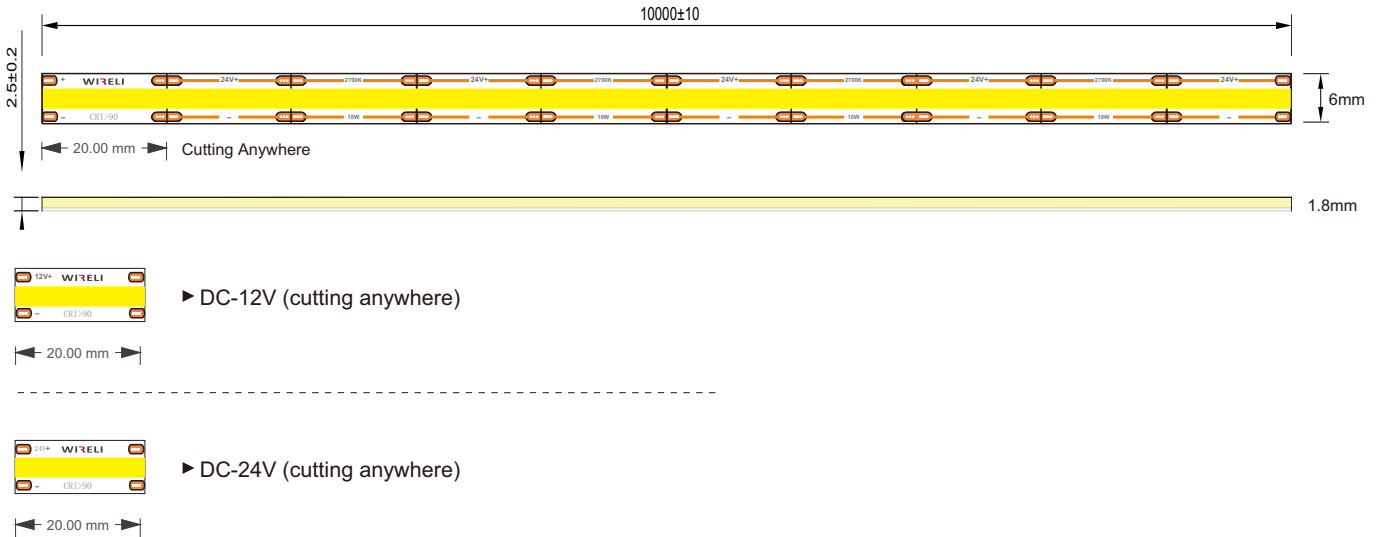
| | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 2000K | 2700K | 3000K | 3500K | 4000K | 4500K | 6000K | 9000K |
| SS | SW | WW | WN | NW | SN | CW | SC |

Waterproof Solution

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

Drawing:

ITEM: SCOB-300-7W-W6-24V-Free-cutting



Notice:

PCB: 6mm width with 3 OZ (35/70um copper);

Size of each section is 20mm , and cutting at any place.

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

Basic Parameters

| | |
|--------------|--------------------------------|
| Power | 7W/meter |
| Voltage | DC- 24V (DC-12V optional) |
| Current/M | 0.3A/m@24V |
| PCB | 6mm width & 3-OZ |
| Max. Connect | 10m with Power-Feed at one end |

Optical Parameters

| | |
|------------|----------------------|
| CRI | CRI>90 |
| Lumen | 770 LM/m |
| Efficiency | 110 LM/watt |
| LED Type | 300pcs 2216 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 | 6mm width |
| 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)



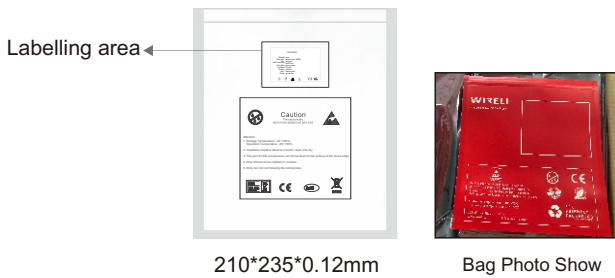
3M 300 LSE Type
(Mid-quality Type)



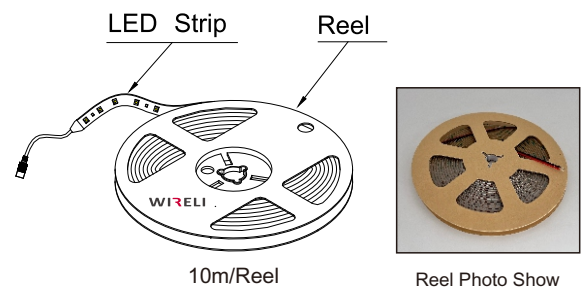
3M VHB RED
(High-quality Type)

Packaging

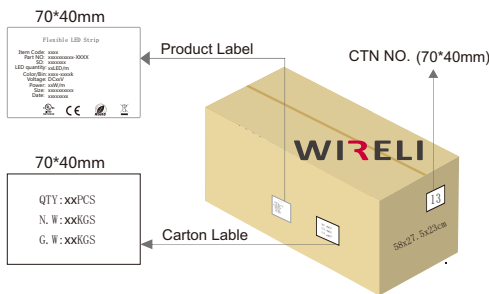
Environment-friendly Paper bag



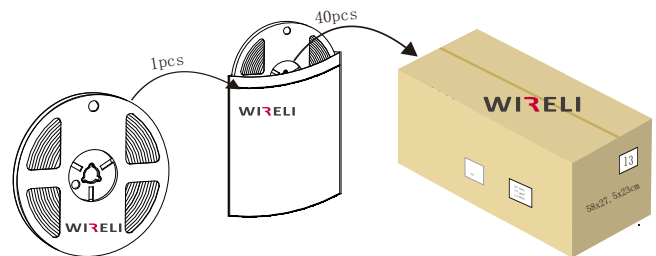
Environment-friendly Paper Reel



Carton box



Packing Number

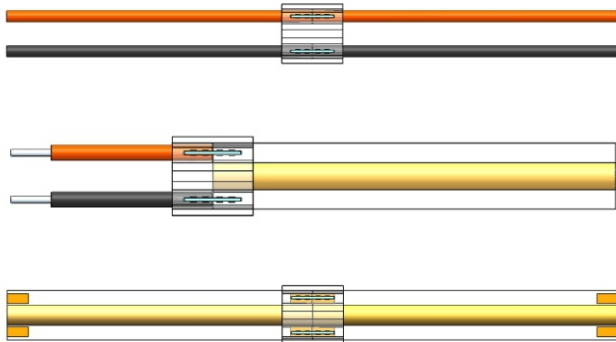


Carton box size: 58x36x23cm
 G.W / carton : 12.00 KG/carton
 Quantity /CTN : 400m/carton (40rolls * 10m/roll)

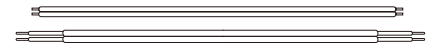
Strip Code :

| Part No. | CCT | Power | Voltage | LEDs/m | CRI | PCB width | Efficiency | LM/meter | ErP Class |
|------------|-------|-------|---------|------------|-----|-----------|-------------|----------|-----------|
| | 2000K | 7W/m | DC-24V | 300-LEDs/m | >90 | 6mm | 85 LM/watt | 600LM/m | F |
| | 2700K | 7W/m | DC-24V | 300-LEDs/m | >90 | 6mm | 90 LM/watt | 630LM/m | F |
| 3602346601 | 3000K | 7W/m | DC-24V | 300-LEDs/m | >90 | 6mm | 100 LM/watt | 700LM/m | F |
| 3202345601 | 4000K | 7W/m | DC-24V | 300-LEDs/m | >90 | 6mm | 110 LM/watt | 770LM/m | E |
| 3202344601 | 6000K | 7W/m | DC-24V | 300-LEDs/m | >90 | 6mm | 115 LM/watt | 800LM/m | E |

LED Strip Connectors



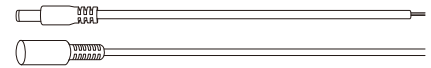
LED Strip Cables



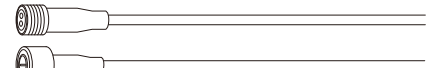
Red/Black Cables - 15cm/20cm



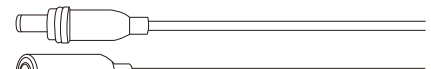
JST-M cables Male/Female - 15cm/1m/2m



DC 5521/25 Male/Female - 15cm/1m/2m

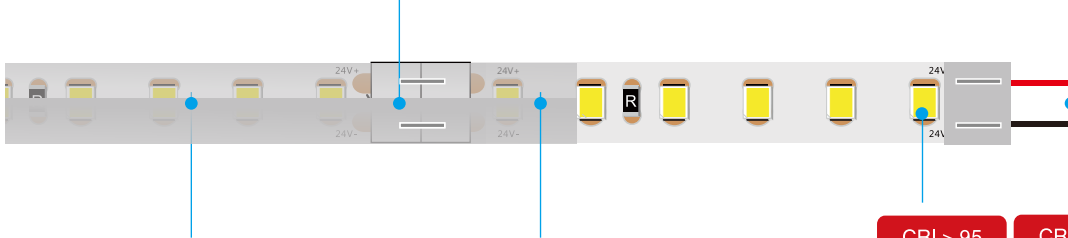


PVC waterproof Male/Female - 15cm/1m/2m



Lucid Male/Female - 15cm/1m/2m

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



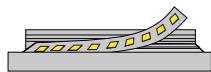
3M 300LSE



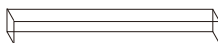
3M VHB Red tape



Heat dissipation



Aluminum Profile



PC Cover

Waterproof



IP-20 (No)



IP-44 (Shrink)



IP-55 (Nano)



IP-65 (Drop)



IP-67 (Tube)

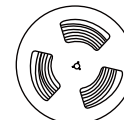


IP-68 (Filling)

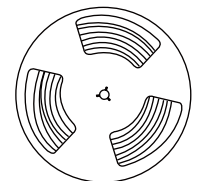
Non-waterproof >



5m/Reel



10m/Reel



50m/Reel

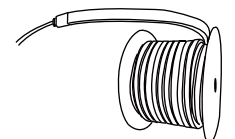
Waterproof >



5m/Reel



10m/Reel



25m/Reel