

Product Photo



ERP Energy Label

ENERGY

SUPPLIER'S NAME
MODEL IDENTIFIER

A
B
C
D
E
F
G

5
kWh/1000h

2019/2015



→ Reinforced 1616 SMD LED inside

Key Feature

Product Advantages

- ▶ Reinforced 1616 SMD LEDs inside - 168 LED/m
- ▶ Reinforced 3-OZ (=35/70um) PCBs
- ▶ 3mm Super-Slim design
- ▶ Always same BIN for different batches
- ▶ Comply with all kinds of waterproof solutions
- ▶ DC-12V 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

CE

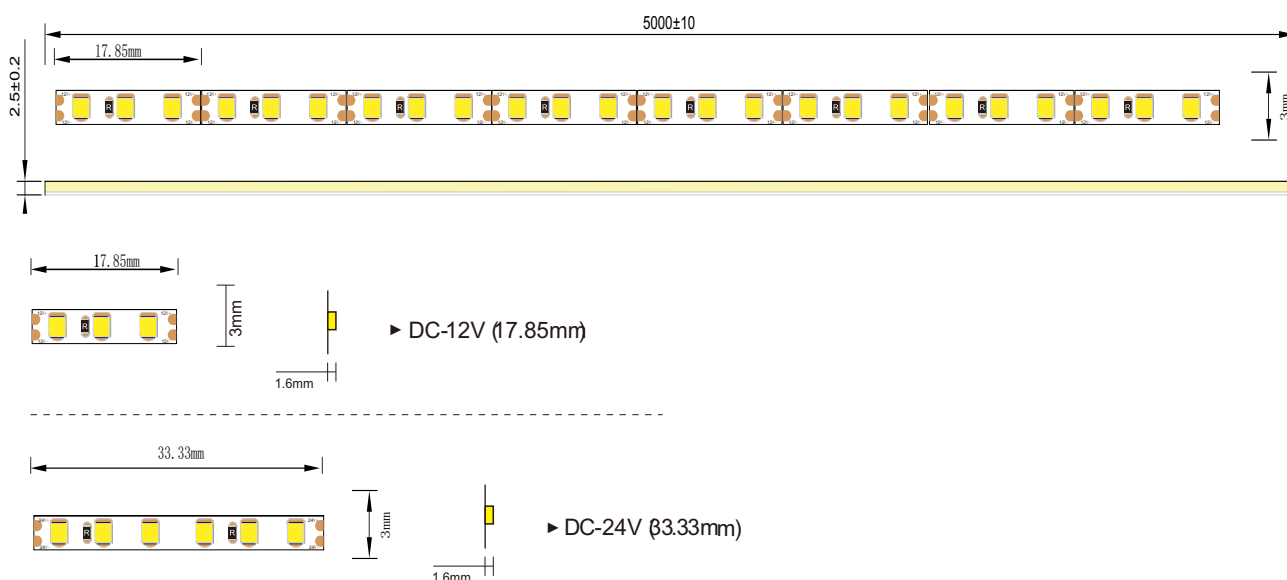
RoHS

LM
80

WARRANTY
5
YEAR
WARRANTY

Drawing:

ITEM: SMD-1616-168-W3-5W-12V-**



Notice:

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

Size of each section is 17.85mm , and cutting at any place.

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

Basic Parameters

Power	5W/meter
Voltage	DC-12V (24V optional)
Current/M	0.4A/m@12V
PCB	3mm width & 3-OZ
Max. Connect	3m with Lower-Feed at one end

Optical Parameters

CRI	CRI>95
Lumen	450 LM/m
Efficiency	90 LM/watt
LED Type	168pcs 1616 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)



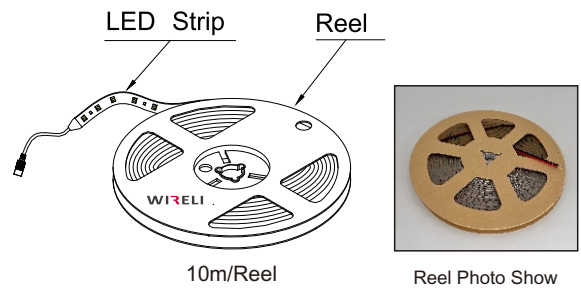
3M VHB RED
(High-quality Type)

Packaging

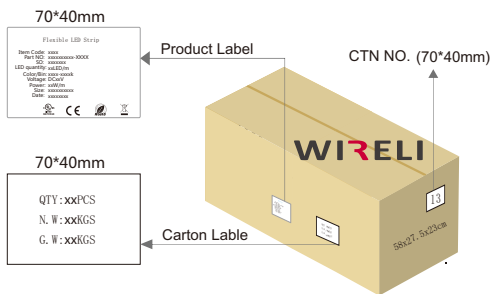
Environment-friendly Paper bag



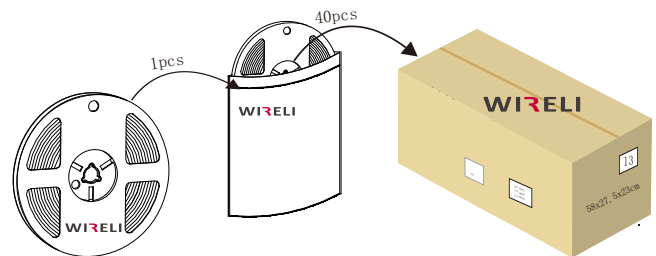
Environment-friendly Paper Reel



Carton box



Packing Number



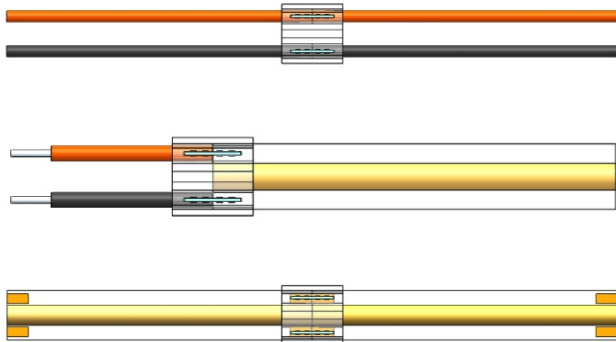
Carton box size: 58x36x23cm
 G.W / carton : 12.00 KG/carton
 Quantity /CTN : 400m/carton (40rolls * 10m/roll)

Strip Code :

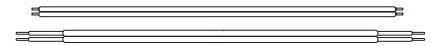
Part No.	CCT	Power	Voltage	LEDs/m	CRI	PCB width	Efficiency	LM/meter	ErP Class
	2000K	5W/m	DC-12V	168-LEDs/m	>95	3mm	75 LM/watt	375LM/m	F
	2700K	5W/m	DC-12V	168-LEDs/m	>95	3mm	80 LM/watt	400LM/m	F
3602371601	3000K	5W/m	DC-12V	168-LEDs/m	>95	3mm	85 LM/watt	425LM/m	F
3202370601	4000K	5W/m	DC-12V	168-LEDs/m	>95	3mm	90 LM/watt	450LM/m	F
3202369601	6000K	5W/m	DC-12V	168-LEDs/m	>95	3mm	95 LM/watt	475LM/m	F

LED STRIP SOLUTIONS

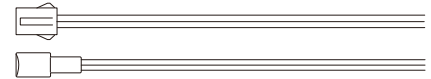
LED Strip Connectors



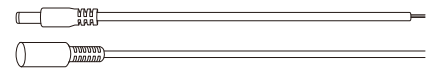
LED Strip Cables



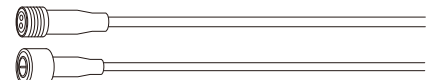
Red/Black Cables - 15cm/20cm



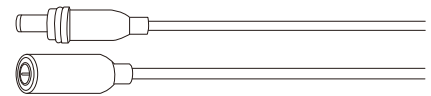
JST-M cables Male/Female - 15cm/1m/2m



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

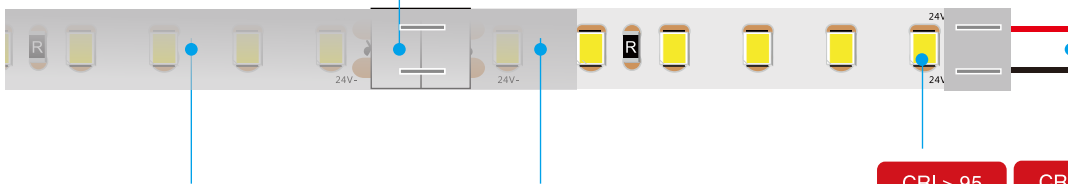


PVC waterproof Male/Female - 15cm/1m/2m



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

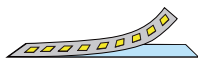
Installation



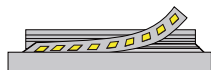
3M 300LSE



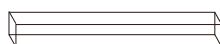
3M VHB Red tape



Heat dissipation



Aluminum Profile



PC Cover

Waterproof



IP-20 (No)



IP-44 (Shrink)



IP-55 (Nano)



IP-65 (Drop)



IP-67 (Tube)

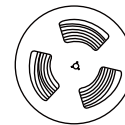


IP-68 (Filling)

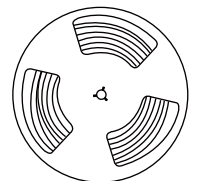
Non-waterproof >



5m/Reel



10m/Reel

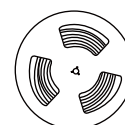


50m/Reel

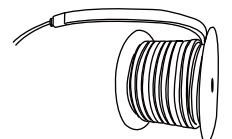
Waterproof >



5m/Reel



10m/Reel



25m/Reel