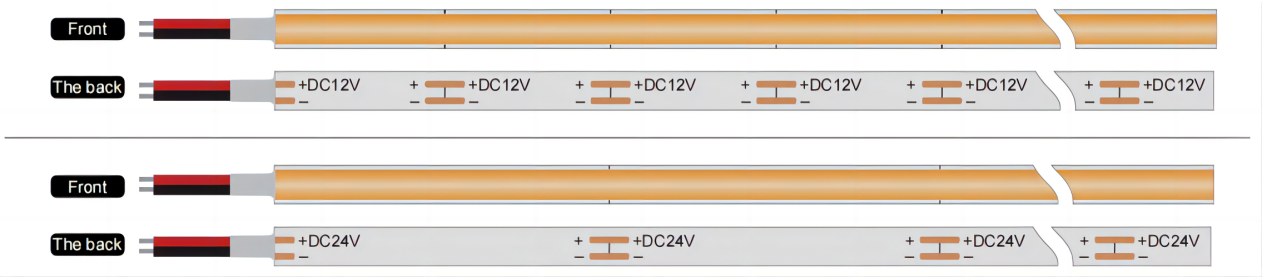
400LED/m-DC12/24V-4mm-IP20

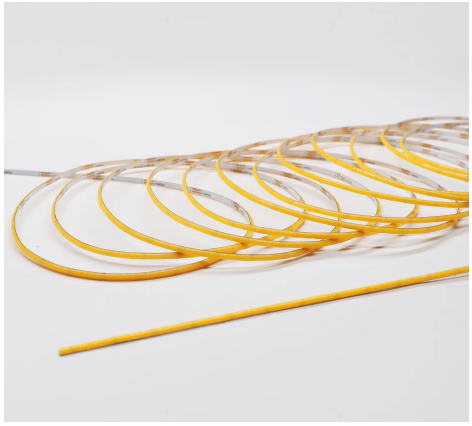
SPECIFICATION



400 m	12/24 V	4 mm	10 W/m
LED Qty	Voltage	FPC width	Power

Product features:

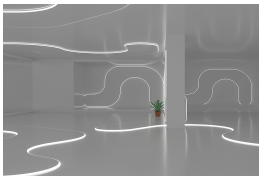
1.400 chips arranged linearly, integrated packaging, uniform light color, no light spots
2.High thermal conductivity flexible circuit board design, can be bent freely, easy to install
3.The LED chip is directly mounted on the FPC, with a light emission angle of up to 180 degrees
4.DC12/24Vconstant voltage design, safe low voltage, small voltage drop,standard cascade of 5 meters;
5.Back mounted high viscosity thermal conductive double-sided tape, easy to install, firmly and persistently adhered;
6.LED light source, energy-saving and environmentally friendly, in compliance with ROHS environmental standards.

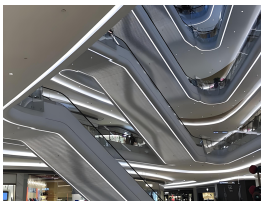


180° Beam angle | CE | RoHS | Dimmable | 5 Years Warranty | IP20

Application:

Widely used in hotels, shoppingmalls, furniture, cabinets, shelf as decoration lighting, direct lighting or indirect lighting





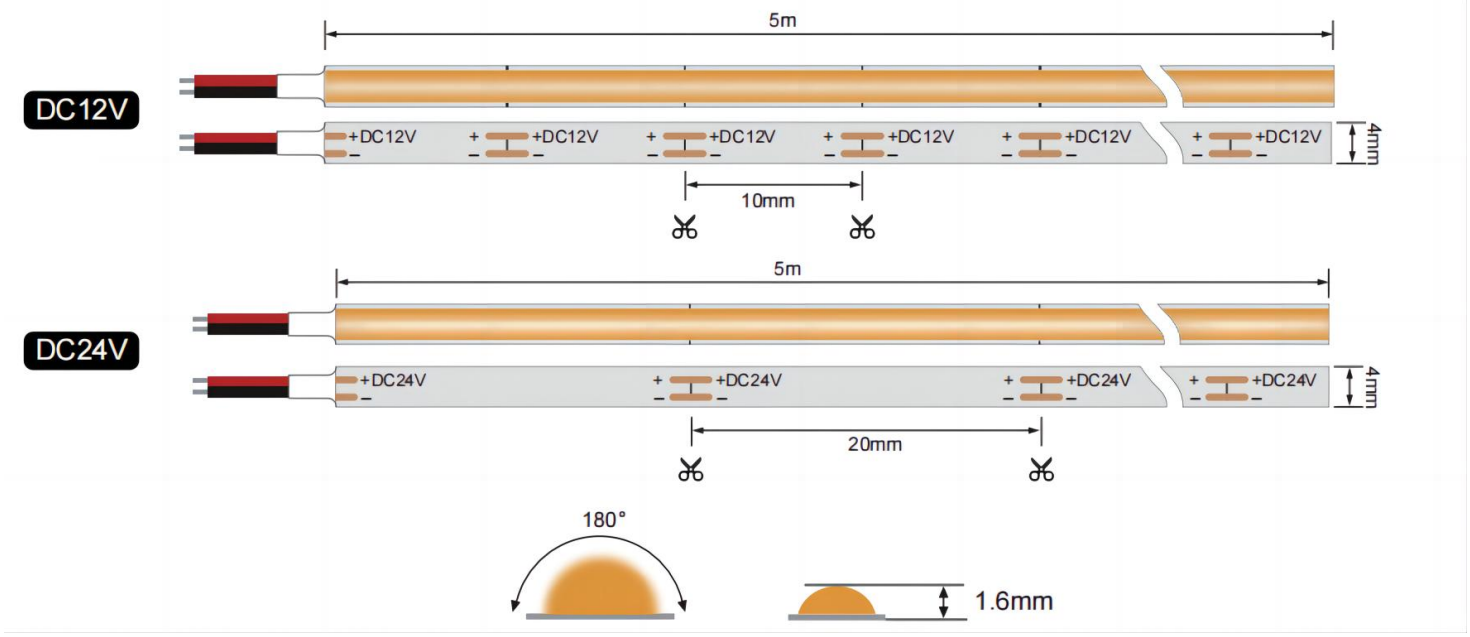
Product parameters:

General parameters	
Product Model	GL-R1000TF-400xCOB COB 400leds/meter
Color	WW, NW, CW
CCT	2700K/3000K/4000K/6000K (Special CCT can be customized)
CRI	Ra≥90
Beam angle	120°
Cut Distance	12V 10mm/24V 20mm

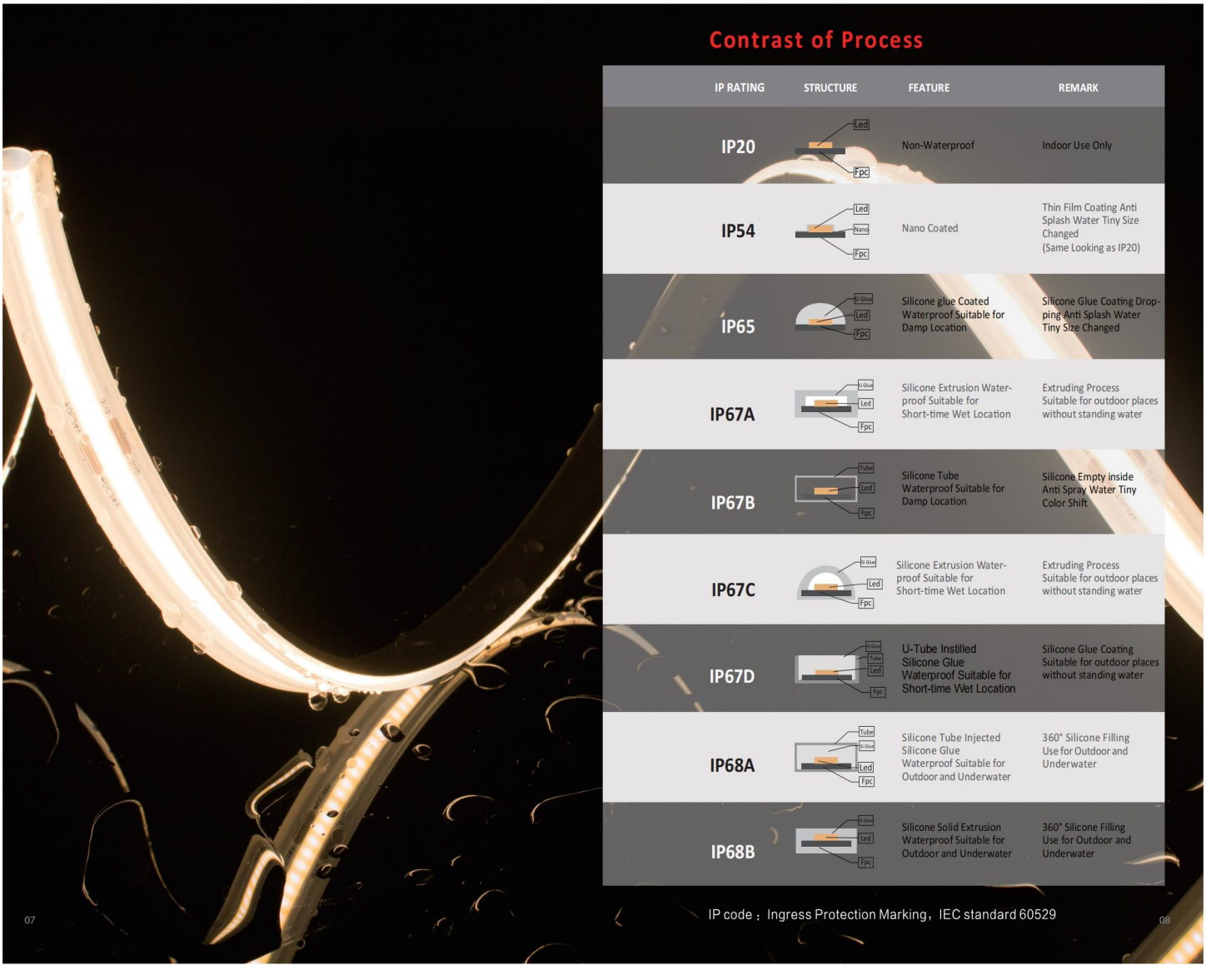
Environmental test parameters	
IP grade	IP20
Working environment	-25℃~+45℃
Storage environment	-30℃~+80℃
Max connection Length	5m

Performance parameters-	
Lumen(±5%)	600~800lm/m
Efficiency(±5%)	60-80lm/W
Voltage	DC12/24V
Electric current	417-833mA/m
Power	10W/m

Packaging parameters	
A roll	5m
N.W(Roll)	80g
Qty/Carton	500m-100roll
Packing size(mm)	L720*W280*H410
G.W	9Kg



IP Rating:



Contrast of Process

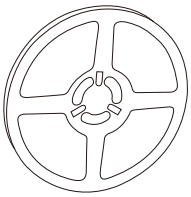
IP RATING	STRUCTURE	FEATURE	REMARK
IP20		Non-Waterproof	Indoor Use Only
IP54		Nano Coated	Thin Film Coating Anti Splash Water Tiny Size Changed (Same Looking as IP20)
IP65		Silicone glue Coated Waterproof Suitable for Damp Location	Silicone Glue Coating Dropping Anti Splash Water Tiny Size Changed
IP67A		Silicone Extrusion Waterproof Suitable for Short-time Wet Location	Extruding Process Suitable for outdoor places without standing water
IP67B		Silicone Tube Waterproof Suitable for Damp Location	Silicone Empty inside Anti Spray Water Tiny Color Shift
IP67C		Silicone Extrusion Waterproof Suitable for Short-time Wet Location	Extruding Process Suitable for outdoor places without standing water
IP67D		U-Tube Instilled Silicone Glue Waterproof Suitable for Short-time Wet Location	Silicone Glue Coating Suitable for outdoor places without standing water
IP68A		Silicone Tube Injected Silicone Glue Waterproof Suitable for Outdoor and Underwater	360° Silicone Filling Use for Outdoor and Underwater
IP68B		Silicone Solid Extrusion Waterproof Suitable for Outdoor and Underwater	360° Silicone Filling Use for Outdoor and Underwater

IP code：Ingress Protection Marking，IEC standard 60529

Package:

LED COB light strip

5m/roll

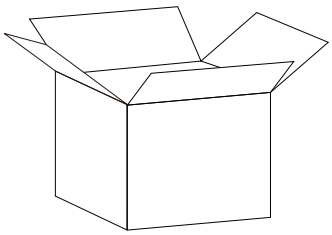


Reel

1 roll/1 bag

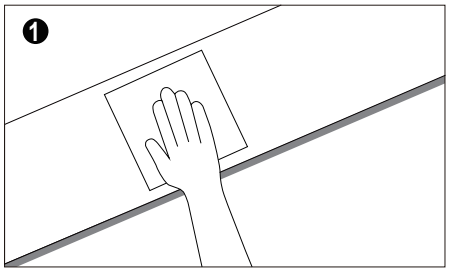
Anti-static aluminum foil bag

Provide suitable cartons according to the quantity

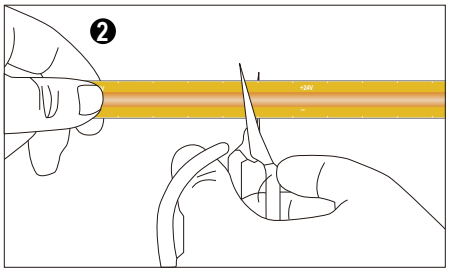


Outer box

Installation diagram:

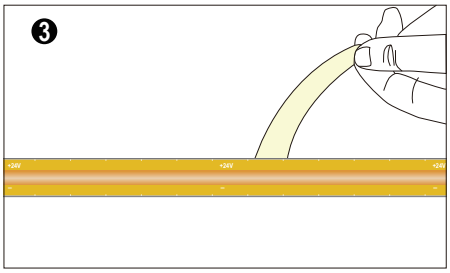


Clean the installation surface

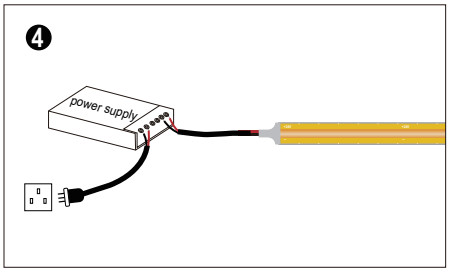


Measure the length you need toinstall, cut at the nearest scissor mark line.

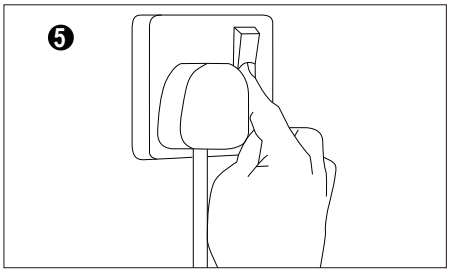
Welding can be performed at any cutting point



Tear off the double-sided adhesive tape on the back and paste it in a suitable position



Connect the light strip wire to the driver output port (positive pole to positive pole, negative pole to negative pole)



Turn on the power switch after confirming that the line is connected

Statements :

1). For safety, the product wire should be moved and replaced by the manufacturer, agent or other authorized person.

2). Please refer to the product manual before installation.

3). Above-refered schematic diagrams are from our standard product. Please subject to your actual product data if there is difference.

4). In actual use,we suggest 80% consumption of the driver. Keep 20% as power to start the led strip.

5). For safety, no touch the AC terminal.

6). Any acidic or alkaline substance is forbidden.

7). No notice for updated of this product.

Problem	Possible reasons	solution
All fail	● No power supply	Give power supply.
	● Automatic switch-off because of the open circuit and short circuit	Solve the problem, switch on again.
	● Wrong connection (positive connect with negative)	Check and get right connection.
Part fail	● Part power-supply fail	Check and make sure the power supply well.
	● Part circuit error	
	● Part wrong connection(positive connect negative)	Check and get right connection.
Inconsistent brightness or insuffiscent brightness	● overload of the driver	Use higher-power driver.
	● Too big power consumption of the switch, or unbalanced power consumption from different strip series.	Keep the strip working voltage is more or less 5% than the Rated voltage. 1.shorten the connection cable length, or change to thicker cable. 2.Make sure the strip quantity is less than the allowed connection quantity.Keep the led strip quantity of each series similar).
	● Too many Led strips connection	Adjust the led strip quantity，make sure sufficient power supply.
LED flash	● Poor welding connection of wires	Check,find and solve it.
	● switch problem	Change to right switch.