COB480LED/m-DC12/24V-4MM

SPECIFICATION

Front

The back

+DC12V   +DC12V   +DC12V   +DC12V   +DC12V   +DC12V

Front

The back

+DC24V   +DC24V   +DC24V   +DC24V
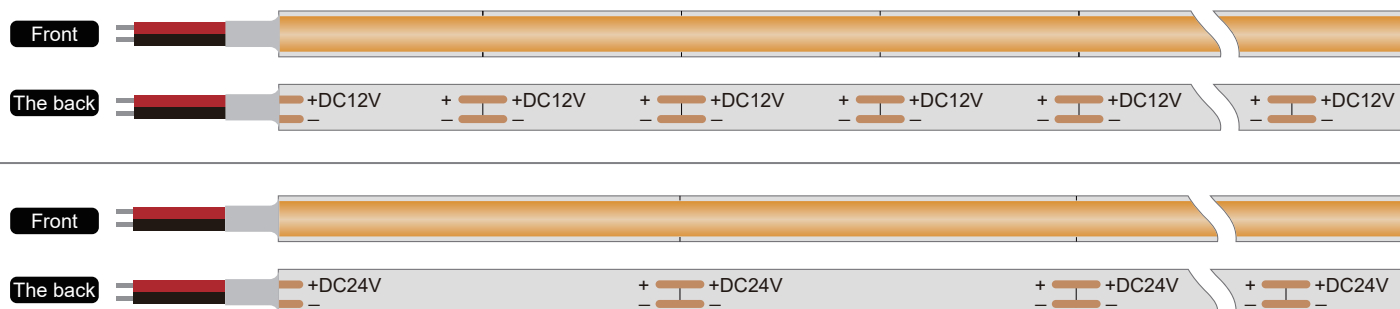
| **480** m	**12/24** v	**4** mm	**6** W/m
LED Qty	Voltage	FPC width	Power

Product features:

- Any color color temperature can be customized

- High-quality double-sided copper FPC board, flexible and resistant to bending, strong and durable

- High-density COB chips, soft light and brighter light

- 120° illumination angle, high CRI, no spot, no flicker

- IP20 is not waterproof (can be processed to customize IP65\IP67 protection level)

- Precise production, quality assurance, 5-year warranty

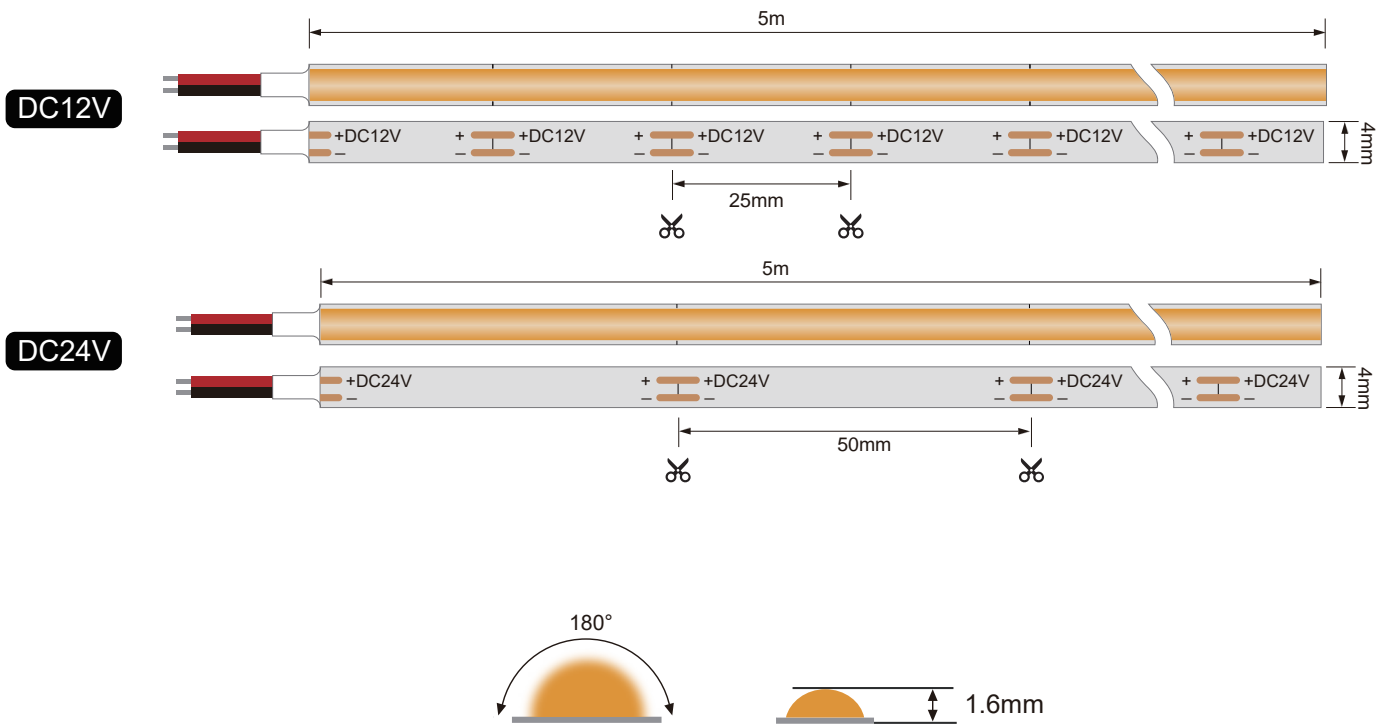- Support special customization and sample customization

180° Beam angle	CE	RoHS	Dimmable	5 WARRANTY	IP20

Application:

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

GRILITELUX

QUALITY   HONESTY   SERVE   INNOVATION
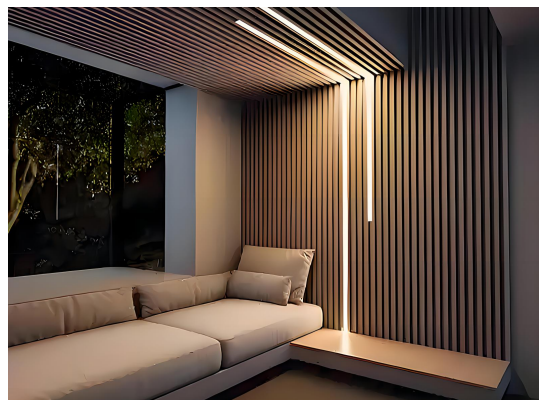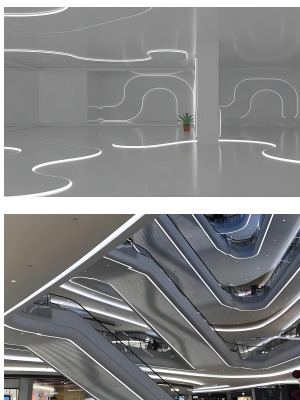
Product parameters:

General parameters

Product Model	GL-R1000TF-480W4xCOB 480LED 4MM PCB
Color	WW, NW, CW
CCT(K)	2700K/3000K/4000K/6000K (Special CCT can be customized)
CRI	Ra≥90
Beam angle	120°
Cut Distance	20/25mm

Environmental test parameters

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

Performance parameters

Lumen(±5%)	540lm/m
Efficiency(±10%)	90lm/W
Voltage	DC12/24V
Current	500/250mA/m
Power	6W/m

Packaging parameters

A roll	5m
N.W(Roll)	65g
Qty/Carton	500m-100roll
Packing size(mm)	L720*W280*H410
G.W	7.5Kg

DC12V

5m

+DC12V   +DC12V   +DC12V   +DC12V   +DC12V   +DC12V

4mm

25mm

DC24V

5m

+DC24V   +DC24V   +DC24V   +DC24V

4mm

50mm

180°

1.6mm

Processing custom waterproof process:

Contrast of Process

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

GRILITELUX

Ultra narrow Series 480LED/m-4mm-DC12/24V-IP20

QUALITY HONESTY SERVE INNOVATION

Package:

5m/roll → 1 roll/1 bag → Provide suitable cartons according to the quantity

LED COB light strip   **Reel**   **Anti-static aluminum foil bag**

Brand label
Product label

Outer box

Installation diagram:

❶

Clean the installation surface

❷

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

For the left led strip, weld at the next scissor mark to connect with other connection wire.

❸

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

❹

power supply

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

❺

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.