GRILITELUX

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110/220V Dirverless 296LED/m-DC110/220V-8mm

COB296/m-DC110/220V-8MM

SPECIFICATION

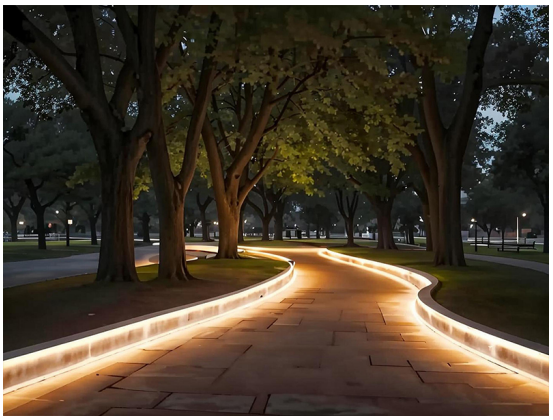
296 m	110/220 V	8 mm	10 W/m
LED Qty	Voltage	FPC width	Power

Product features:

1. 296 inverted LED chips arranged linearly, integrated packaging, uniform light color, and 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 FPCB board, with a light emission angle of up to 180 degrees.
4. AC110/220V driver free high voltage design, plug in and light up, no need for transformer power supply, low voltage drop, standard length 50 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.

Application:

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



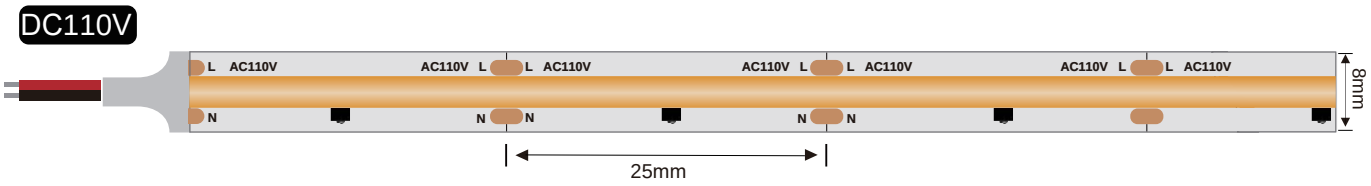
Product parameters:

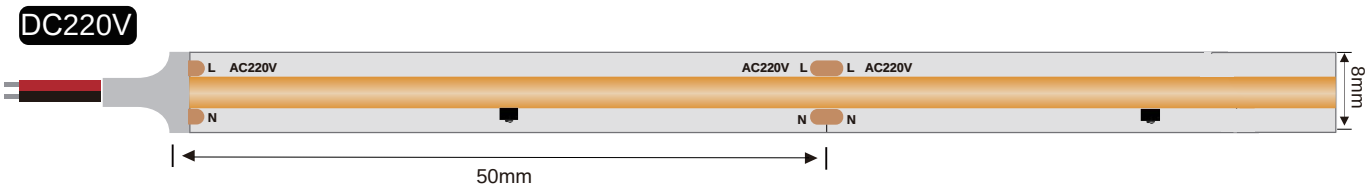
General parameters	
Product Model	GL-DRLS-296xCOB COB 296 leds/meter
Color	WW, NW, CW,
CCT	2700K/3000K/4000K/6000K
CRI	Ra≥90
Beam angle	120°
Cut Distance	25mm/50mm

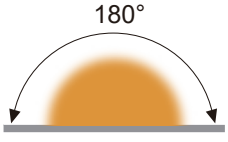
Performance parameters	
Lumen(±5%)	720~760lm/m
Efficiency(±5%)	90~95lm/W
Voltage	DC110/220V
Electric current	500/250mA/m
Power	10W/m

Environmental test parameters	
IP grade	IP20/IP67
Working environment	-25℃~+45℃
Storage environment	-30℃~+80℃
Max connection Length	50m

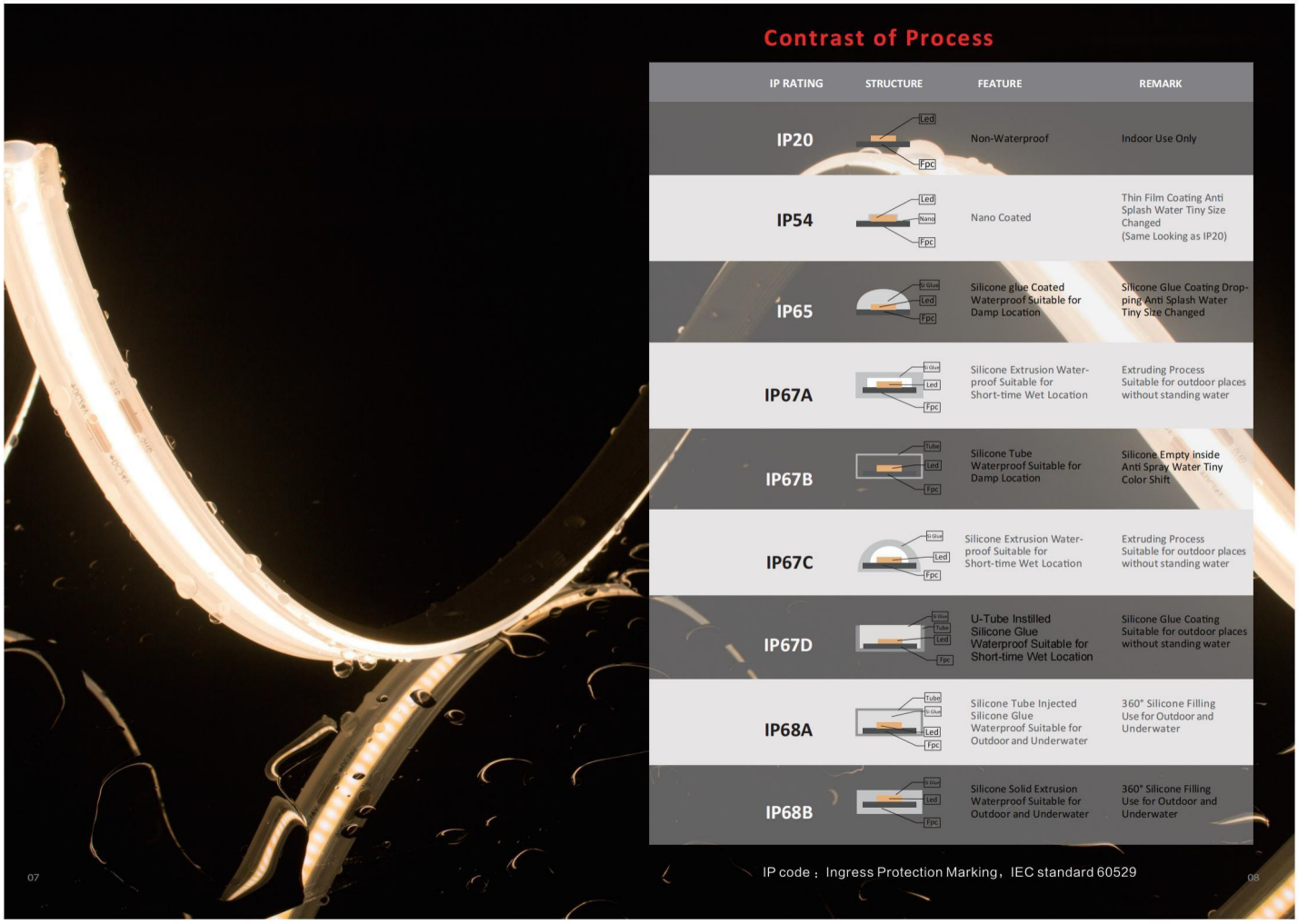
Packaging parameters	
A roll	10/20/50m
N.W(Roll)	160g
Qty/Carton	500m-50roll
Packing size(mm)	L720*W280*H410
G.W	9Kg



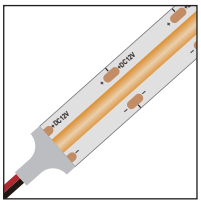




Processing custom waterproof process:

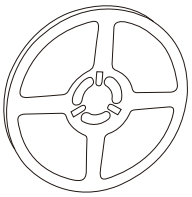


Package:



LED COB light strip

5m/roll

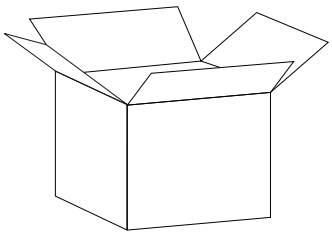


Reel

1 roll/1 bag

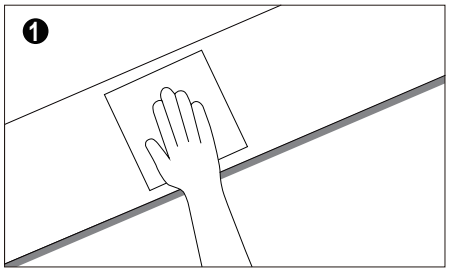
Anti-static aluminum foil bag

Provide suitable cartons according to the quantity

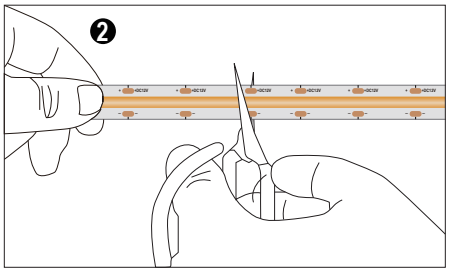


Outer box

Installation diagram:

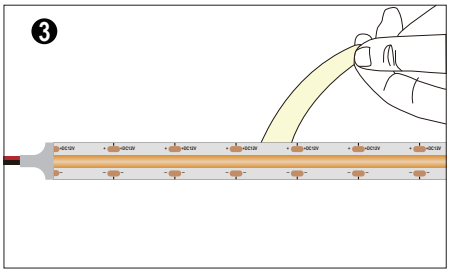


Clean the installation surface

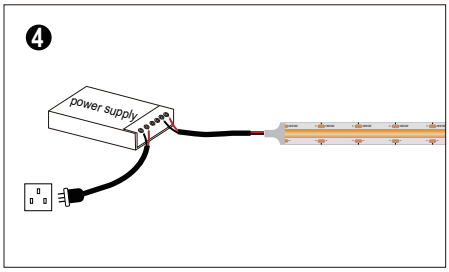


Measure the length you need toinstall, cut at the nearest scissor mark line.

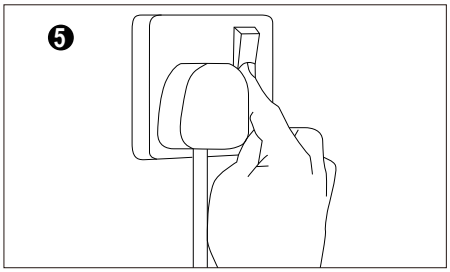
For the left led strip, weld at the next scissor mark to connect with other connection wire.



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.