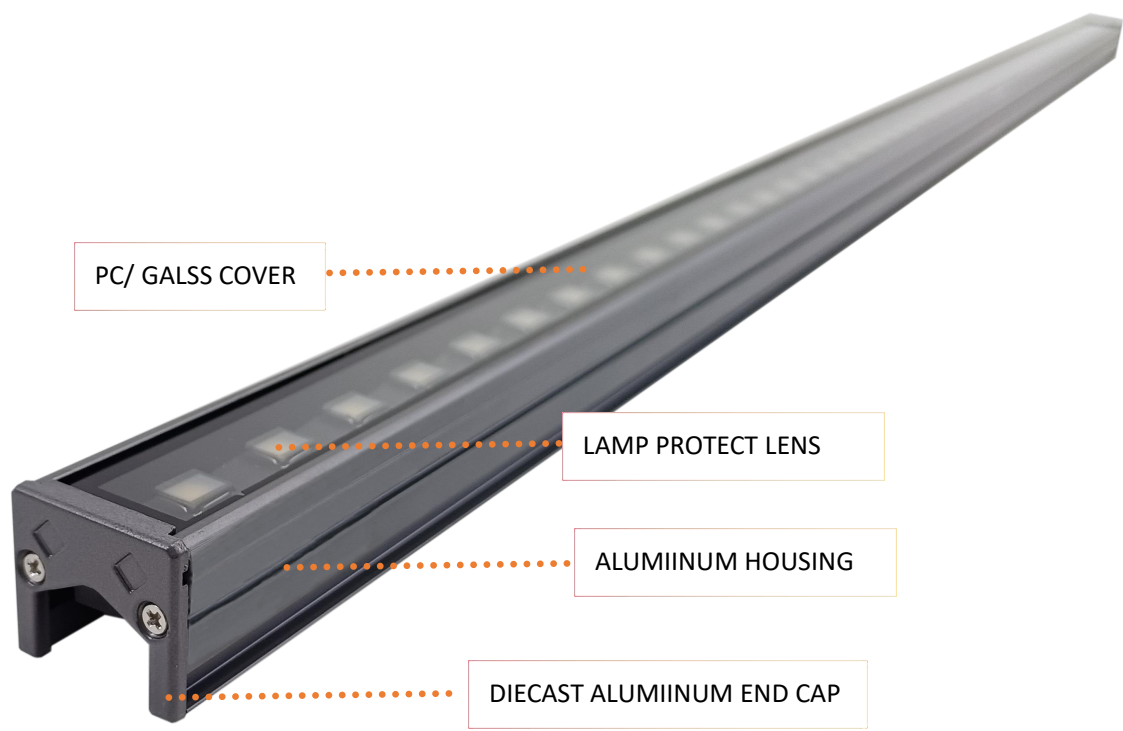




USER MANUAL

LED M I BAR

PRODUCT STRUCTURE



SPECIFICATION

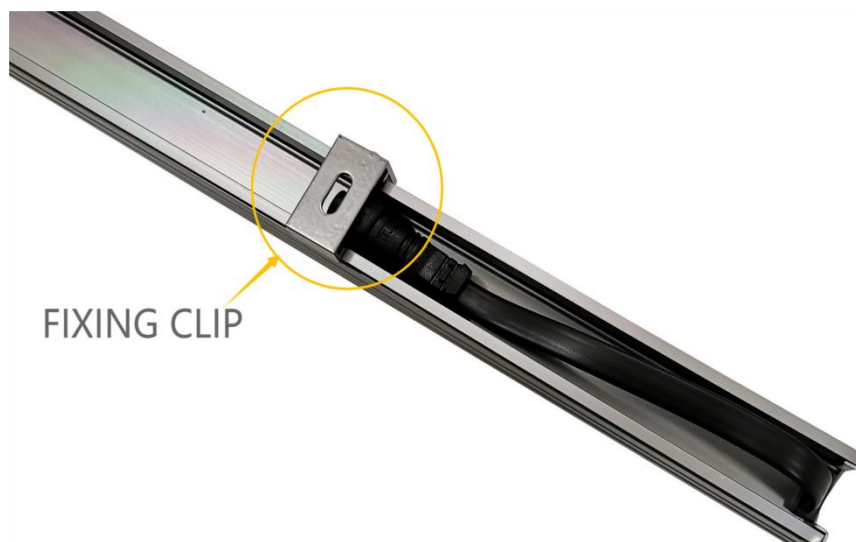
LED lamp	SMD 5050	Dimension	28*25*1000 mm
LED QTY/ meter	48 PCS	IP rating	IP 66
Pixel QTY/meter	16 pixels	Drive IC	FW1935
Pixel composition	3 led as 1 pixel	Light body	Aluminum alloy
Signal mode	SPI	Cover material	Glass / PC COVER
Input voltage	DC12V	Body color	Dark Gray
Power consumption	10W	Plug type	4 pins
Plug ring material	Metal ring	Install way	Clip install

ACCESSORY

1. FIXING CLIP

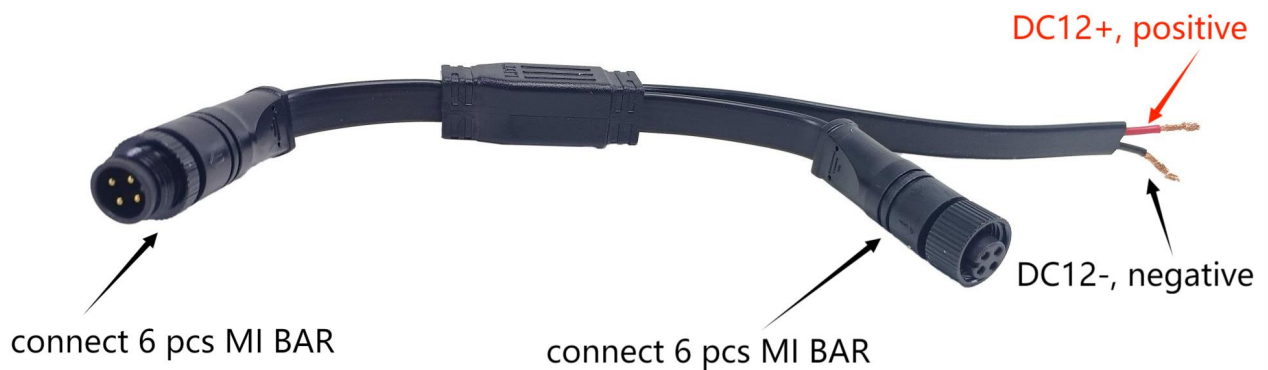
Each 1 pcs LED M I BAR have 2 pcs fixing clip and screws as accessory .

It is used to fix the M I BAR . and clip fixing place can be moved any place on the MI bar .

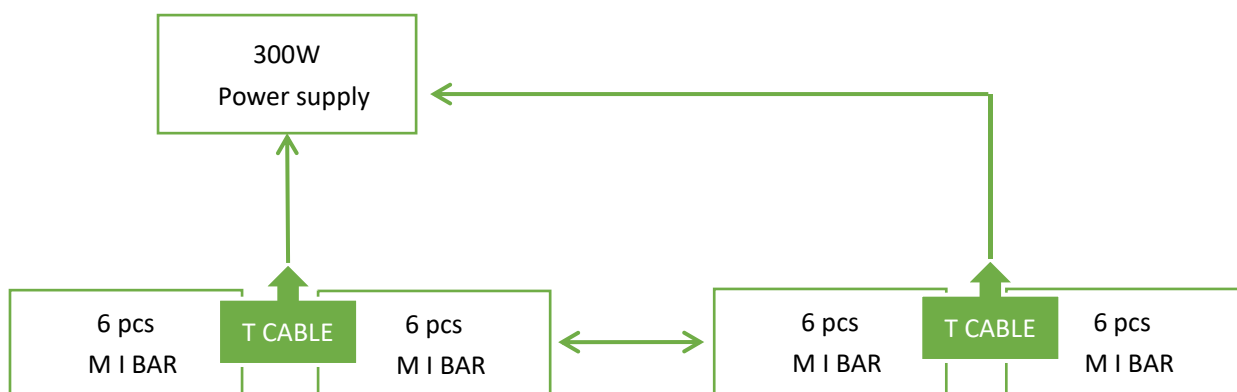


2. T CABLE

T cable is use to offer the power to LED MI bar , it have 3 sides of cables, 2 sides are femal and male plug , the other side is power input cable . The input voltage is DC12V , the red wire is the positive pole, and the black wire is the negative pole . 1 pcs t cable can connect 12 pcs LED M I BAR from middle part , means left side connect 6 pcs , right side connect 6 pcs , so that it can have good electricity balance.



If you use 300W power supply , consider power consumption, we will suggest to connect 24 pcs LED M I BAR for 1 pcs 300W power supply . then it will use 2 pcs T cable . as below drawing:



Notice: if you connect 1-2 pcs more , it will not effect the product working normally.

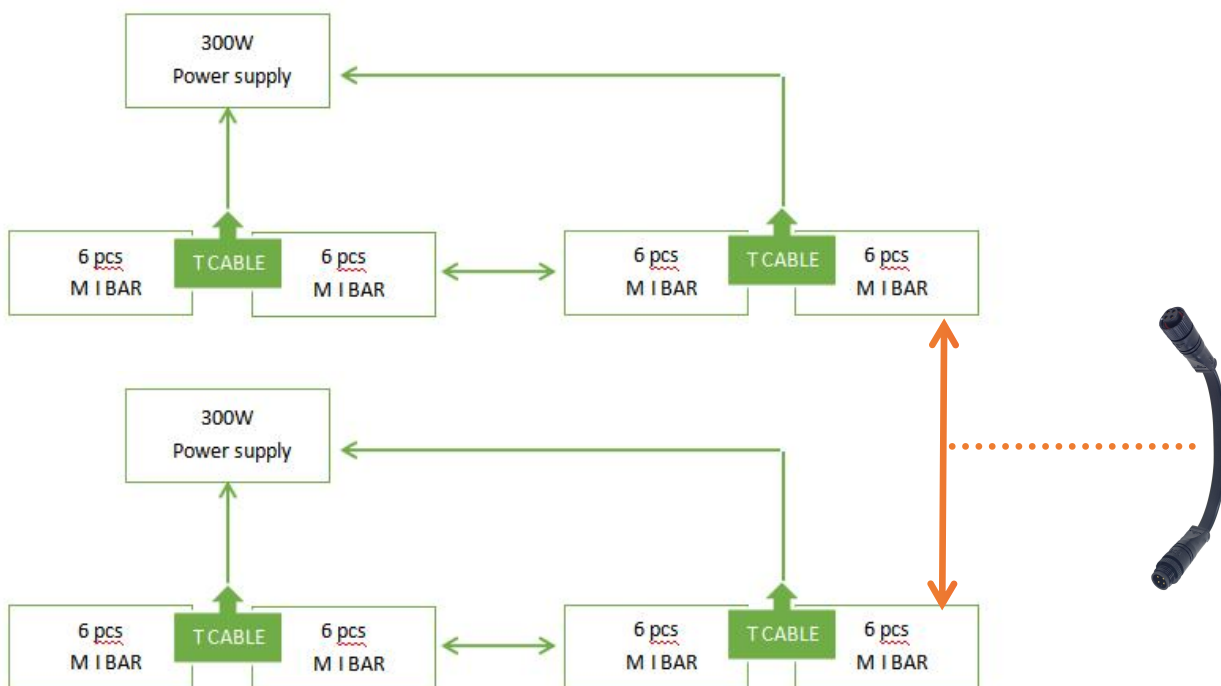
But if connect too many pcs as request , even it can be work now , but the electricity is not

balance , it will effect led lamp lifespan. So please connect t cable as manual , so that can have better life span for light. If connection too many pcs over the limit , sometimes it will turned the led light. So please attention!!!

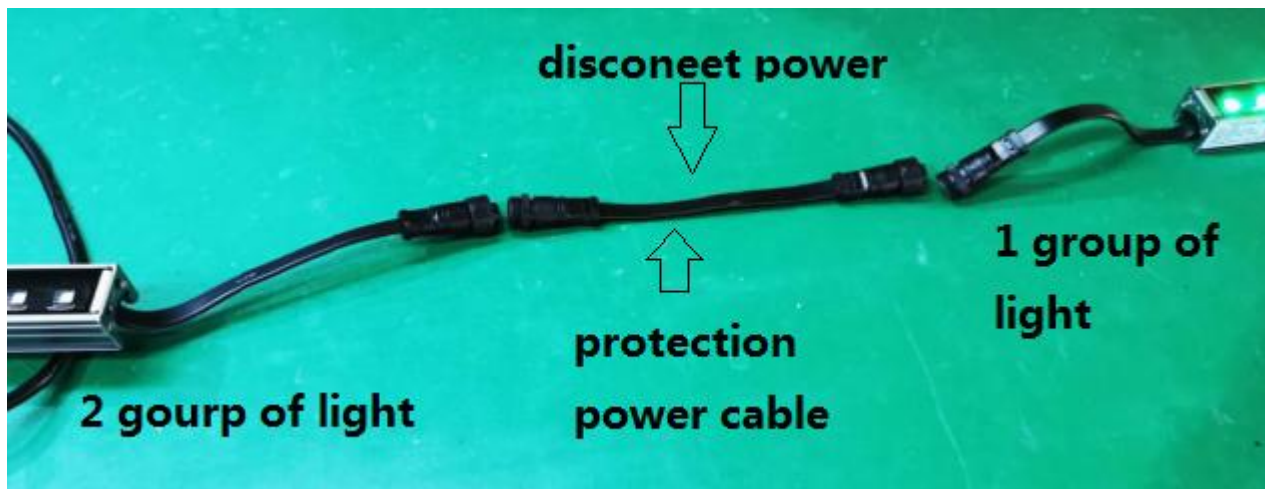
3 . POWER BREAK POINT CABLE



Its function is to avoid damage from another set of power current impact. So what it is really mean? For example , we we have 2 power supply working , each power supply connect 24 pcs LED MI BAR. Since signal should be connected , so these 2 groups of light will connect for power also . As below . then the protection power cable should connect between these groups.



As below photo as an example:



The protection power cable inside only have signal pin, so power is disconnected.

When one power supply not working , if without this cable , then it will be 1 power supply offer 48 pcs led light, it will effect the light life span or maybe destroy led chip.

So if we connect this cable , then each group of the light have dependent power offer.it will protect the power system of led light .IMPORTANT!!!

But if 2 groups of lighting not connect together, then not need to use this power .

3. SIGNAL PLUG

Signal female plug is use to connect between the no. 1 LED M I BAR and lan cable to controller .



The cable definition is on the sticker of LED M I BAR as below photo:



DEPEND ON DIDFFERENT CONTROLL THAT YOU USE , JUST CHOOSE THE CORRECT SIGNAL CABLE CONECTION AND SET ACCORDINGLY TO YOUR CONTROLLER , THEN LIGHTING CAN BE CONTROLLED .