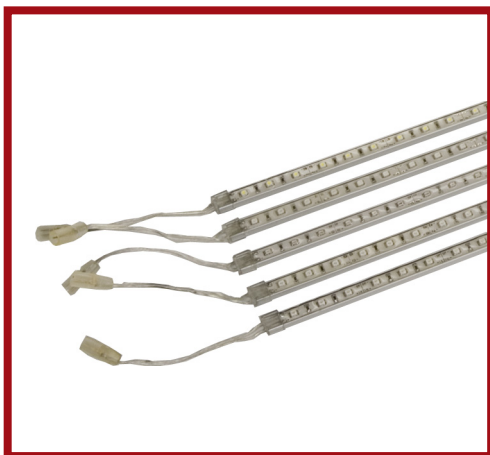


# Waterproof IPLED Bar 12V



IPLED Waterproof SMD Bar adopts super bright SMD LED as its luminous body which is of high intensity and large beaming angle. The LED chips are from famous international company, are evenly set on the PCB board.

Two wires come out from both ends with mini waterproof connectors. Aluminum housing enables it has a perfect ability in heat sinking. The waterproof craft makes it achieve protection class IP67. As a kind of linear lighting, it can be widely used for architectural decoration, indoor decoration, shop-window decoration, etc. Available color: Red, Yellow, Blue, Green, White, Warm White, etc.

#### Specifications:

Part No.: IPLED Bar  
Size: 500mm (L) x 13.1mm (W) x 10mm (H)  
LED Spacing: 16mm, Weight: 47g  
Beaming Angle: >120°  
Power Supply: 15W, 20W, 30W, 60W, 100W and 150W  
Max Length of One Loop: 6 meters  
Packing: 50pcs/ white box  
IP Class: IP67  
Input Voltage: 12VDC  
Power Consumption: 0.24W\*10

#### Green, Energy Saving

IP class: IP67  
Low voltage, DC12V, high brightness  
Conforming to international standard  
Absolutely safe and stable  
Save 90% electricity compared to traditional lights

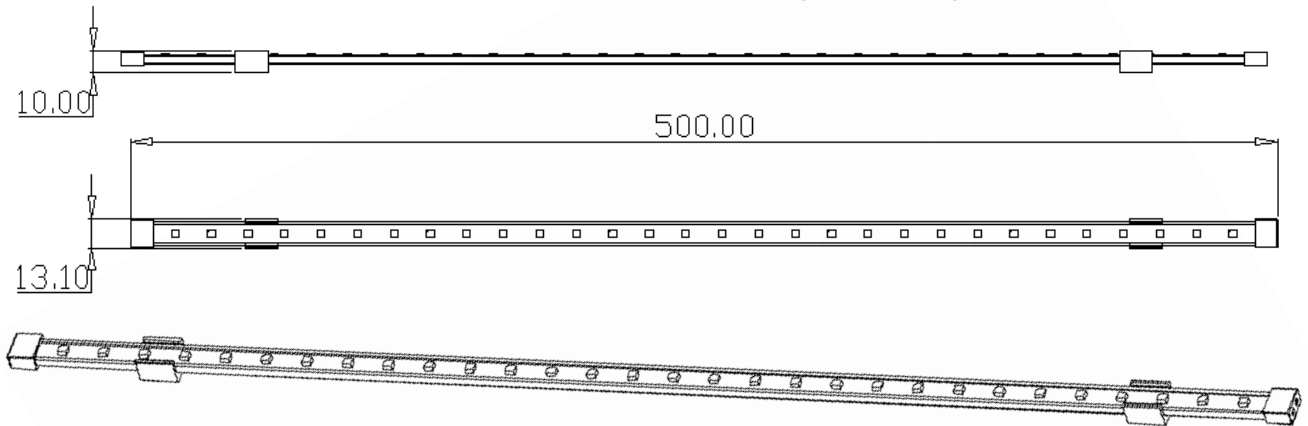
#### Longevity of Luminous Body:

All LED lights adopt super bright LED as their luminous body. Theoretically, the longevity of LED could be 50,000-100,000 MTBF (Mean Time between Failure: average fault-free time, the standard usually measured by manufacturer of traditional lights). Like traditional lighting products, the lumen of LED will also decrease as time goes on. LED lumen is influenced by environmental factors such as temperature, humidity, and ventilation condition. It also could be impacted by its design on heat sinking, current control, etc. To some extent, these factors are the main ones on LED longevity.

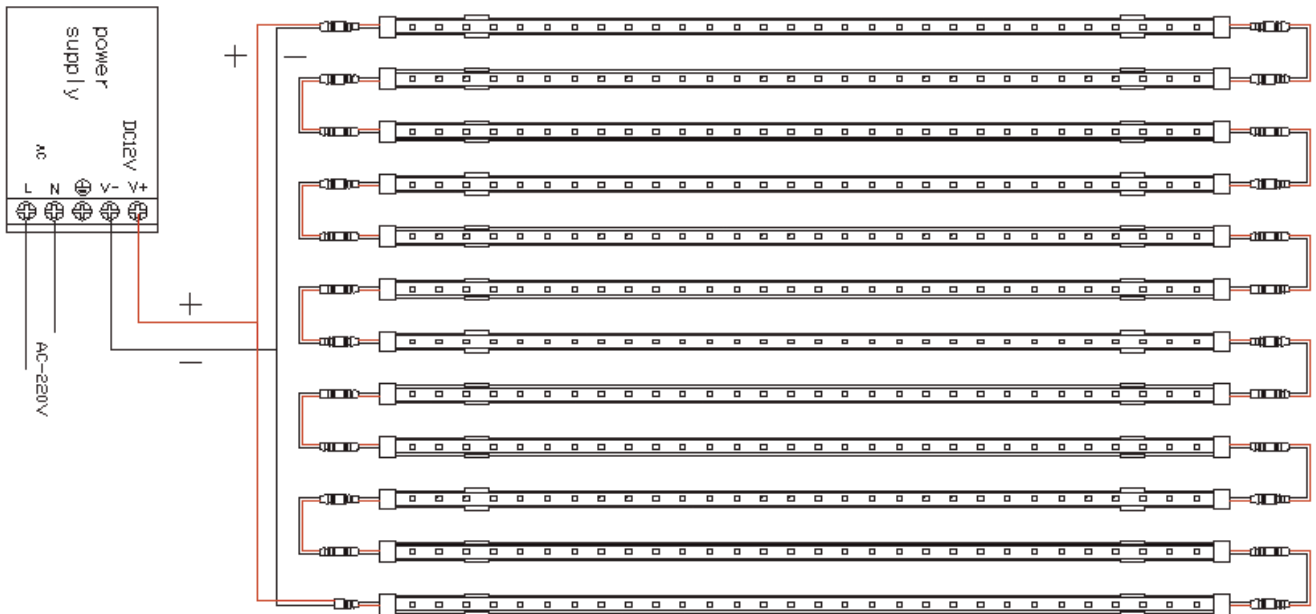


# Waterproof IPLED Bar 12V

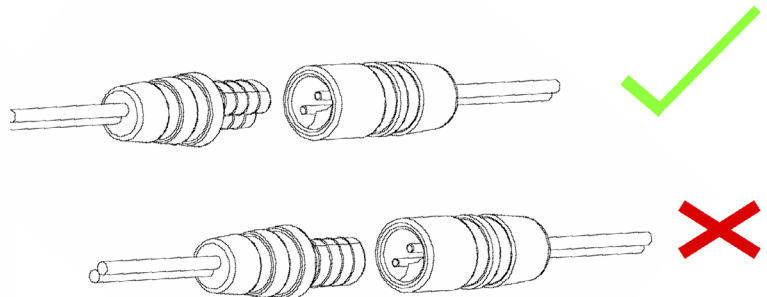
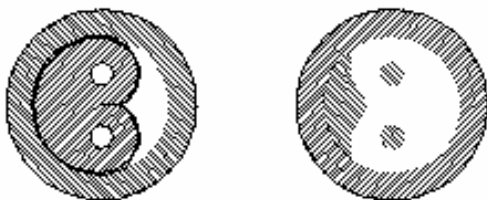
Side view, top view and top-side view



Connecting Diagram of Mini Waterproof Connectors



Connecting Instruction of Mini Waterproof Connectors



### Attention

To ensure the longevity and stability of the ribbon, please do not curve it at the diameter below 40 mm. No folding.



### Warning

Do not touch input port when power is on. Please leave 20% power free to protect the brightness of ribbon from being influenced by environments. Please note the negative and positive polarity when you link wires of power supply to avoid short circuit. Make sure the output voltage of power supply is the same with CHIP RGB Crystal Ribbon's operating voltage