User Manual

LED Wall Washer Light

Please read this manual before installation and keep it for future reference.

■WARNING.

1. The safety of this lighting fixture is guaranteed only if you comply with these instructions.
2. Don't connect these lights to the mains supply directly, and please use the specific proper driver with specific input voltage.
3. Please, disconnect the power before installation, repair or replacement.
4. Use the lights in the proper application places as to avoid the lights be broken.
5. LED Wall Washer is suitable for only dry, wet and damp environments. Do not locate fixtures in low areas where water will collect.
6. Fixtures must be installed by a qualified electrician in accordance with all national and local electrical and construction codes and regulation.
7. If any questions on this instruction,please consult a professional qualified technicians.

■Instructions of installation.

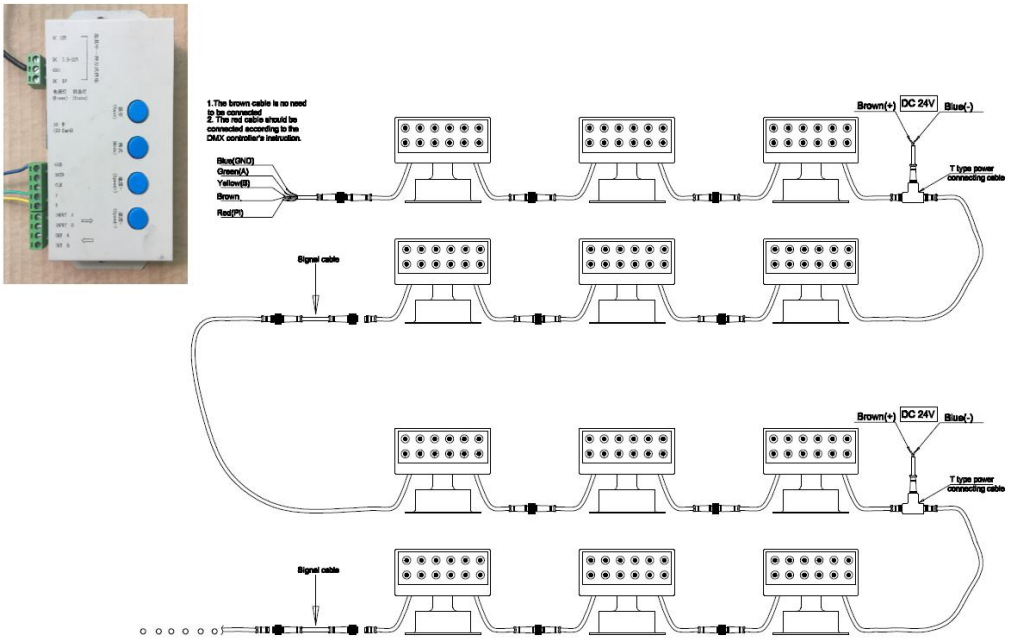
Single colour version:

1.Ensure mains supply is switched off during the whole installation period.
2.Place the LED Wall Washer at the required locations and aim them according to your lighting design.
3.Adjust the rotary angle to required angle.
4.Connect the LED Wall Washer to each other with the provided waterproof connectors,and make sure they are connected well to meet IP65 waterproof at least.
5.Use the provided input cable to connect the first LED Wall Washer to driver with specific DC24V output.
We recommend one driver with around 250W to 300W to drive 8 PCS fixtures as a group.
6.Seal the last one LED Wall Washer with the provided end cap.
We usually send 1set of input cable and end cap for 8PCS fixtures,and the additional spare input cable and end cap need to be bought separately.
7.Ensure everything is installed very well,and then turn on the power for the wall washer application.
Note: The power of main supply must be switched off before connecting the cables.

DMX RGBW colour version:

7.Ensure mains supply is switched off during the whole installation period.
8.Place the LED Wall Washer at the required locations and aim them according to your lighting design.
9.Adjust the rotary angle to required angle.
10.Connect the first LED Wall Washer to the DMX controller with one piece **five wires input signal cable** according to the below connecting drawing.
11.Connect the beginning three pieces of the LED Wall Washer to each other with the provided waterproof connectors,and make sure they are connected well to meet IP65 waterproof at least.
12.Connect the 3rd LED wall washer to the next three pieces of LED wall washer with the **T type power connecting cable**,and also connect a 300W DC24V LED driver to the T power cable.
This 300W LED driver is used to drive these six pieces LED wall washer as a group.
Six pieces as a group is recommended,and other quantities of pieces as a group is optional,but it will be with different quantity of signal cable and T type power cable,the recommended driver will also be with different power.
13.Use the **signal cable with male and female connector** to connect the cable of the 6th power cable to the next group with six pieces of LED wall washer.
So that the signal of the DMX512 controller can be transmitted to next group.
Kindly note that this signal cable is only for transmitting signal,and no power.
14.Repeat step "4" to "7" until all of the LED wall washers are connected.
Please kindly use the DMX signal amplifier to repeat the DMX signal if the signal is weak after connecting around 20 to 25 units
9.Use the end cap to close the output cable of the last LED wall washer.

10.Ensure everything is installed very well,and then turn on the power for the wall washer application.



■Cables Comments

1.Input signal cable with five wires

There are two optional application for this cable as listed below 1.1 and 1.2.

1.1 It's only used for the DMX512 signal input,please connect these cables to the DMX controller according to the DMX controller's instructions.

The Blue wire is usually connected to the "GND" of the DMX controller.

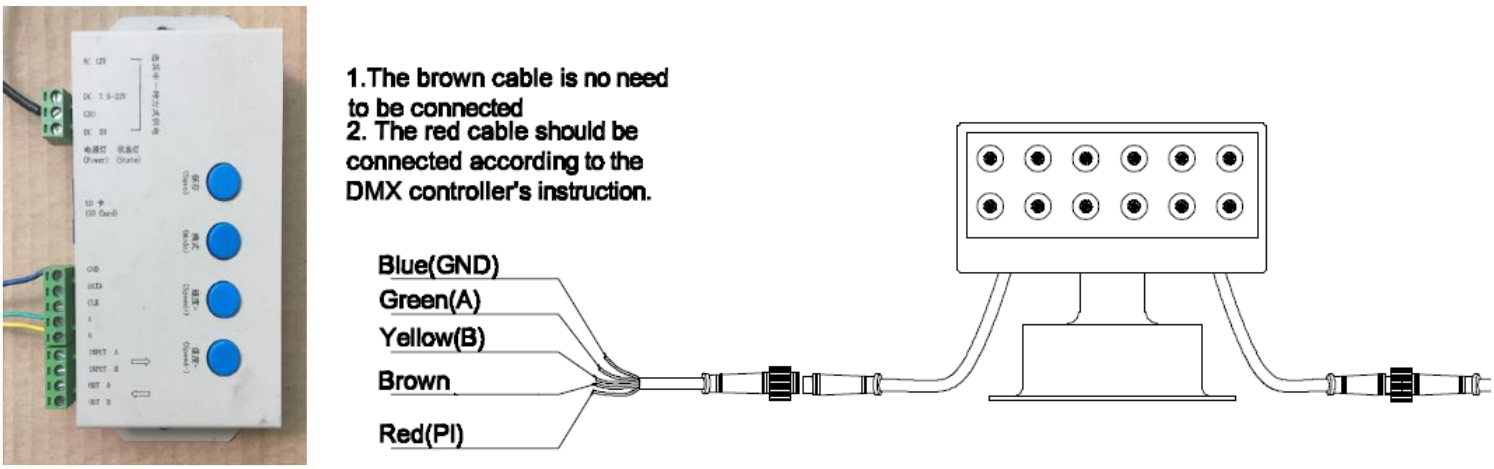
The Green wire is usually connected to the "A" of the DMX controller.

The Yellow wire is usually connected to the "B" of the DMX controller.

The red wire need to be connected sometimes or needn't to be connected sometimes,and you should follow up the instruction of the DMX controller. This red wire is also usually for writing the DMX address to the LED Wall Washer.

The blue wire cable is also for writing the DMX address to the LED Wall Washer.

500mm length black PVC materials with wires 2*0.75 +3*0.3 mm2, one end is with Φ15 female connector,another end is with five wires



1.2 It's used for the DMX512 signal input and power input cable when testing for one PC sample or a series wall washer.

Please connect these cables to the DMX controller according to the DMX controller's instructions.

The Blue wire is usually connected to the "GND" of the DMX controller,and also used as "-" for power input

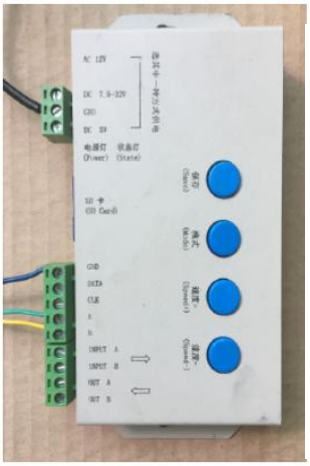
The Green wire is usually connected to the "A" of the DMX controller.

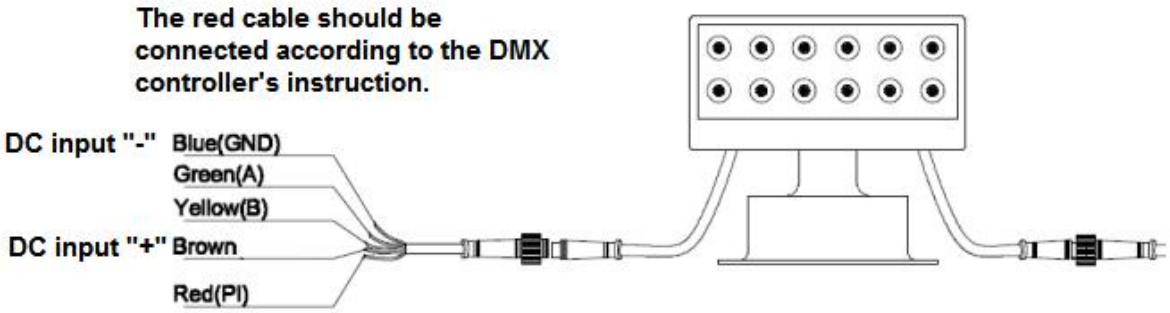
The Yellow wire is usually connected to the "B" of the DMX controller.

The red wire need to be connected sometimes or needn't to be connected sometimes,and you should follow up the instruction of the DMX controller. This red wire is also usually for writing the DMX address to the LED Wall Washer.

The blue wire cable can also be for writing the DMX address to the LED Wall Washer.

500mm length black PVC materials with wires 2*0.75 +3*0.3 mm2, one end is with Φ15 female connector,another end is with five wires

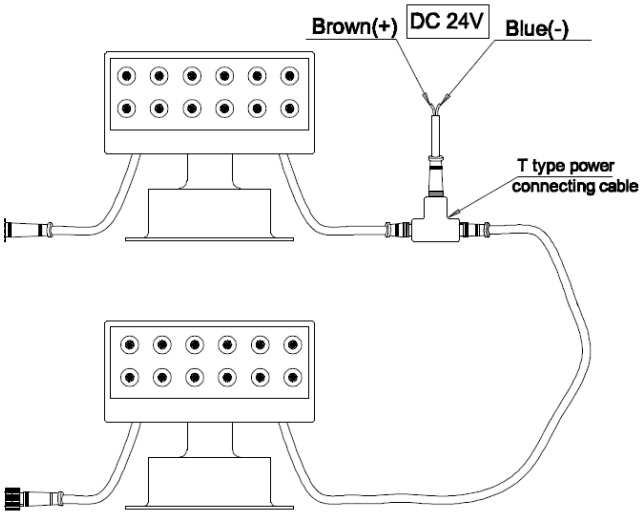




2.T type power connecting cable

It's used for the DC24V input power supply that will drive those six pieces fixtures.

200mm length black PVC materials with wires 2*0.75 +3*0.3 mm2, one end is with Φ15 female connector,the other end is with male connector, and the last end is with five wires



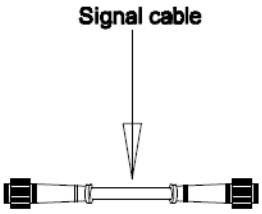
3.Signal cable.

It's used for transmitting the DMX512 signal from one group of fixtures to another group of fixtures.

The drawing is six fixtures as a group.

This signal cable is only for signal transmitting,no power,and the the brown wires is open circuit without power.

200mm length black PVC materials with wires 2*0.75 +3*0.3 mm2, one end is with Φ15 female connector,the other end is with male connector.The brown wires is open circuit without power.

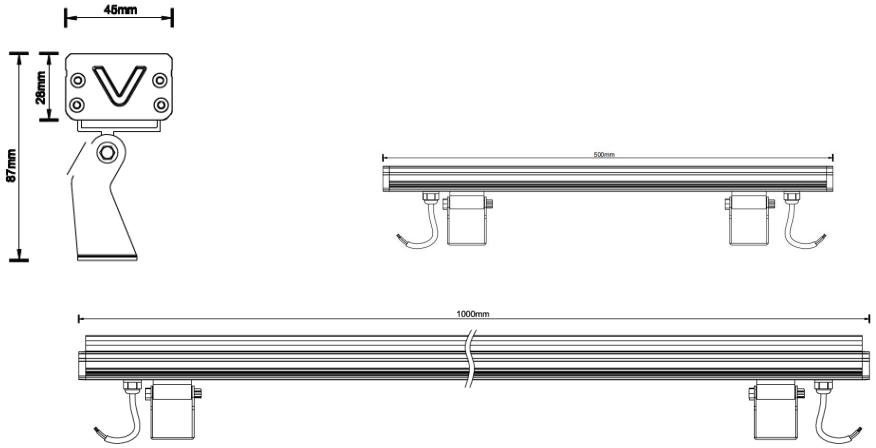


4.End cap male

It's used for sealing the output cable connector of the last fixture.

■Specifications.

Item No.: Vega series
Input: DC24V
IP rating: IP65
Class: III



Warning.

The non-professionals can not disassemble or repair the fixture. We keep the right to refuse the replacement or repairing of the fixtures that have been disassembled or repaired personally.