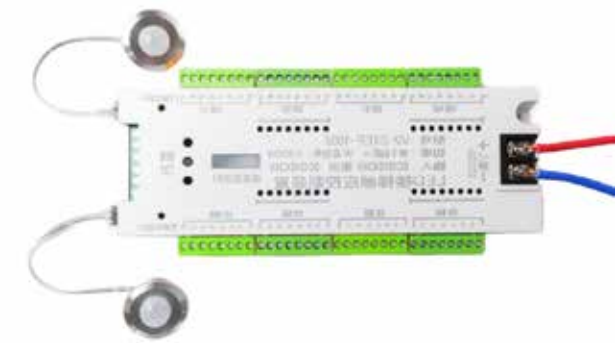
32 STEP CASCADING LIGHT CONTROLLER/SENSOR INSTALL GUIDE

Description:

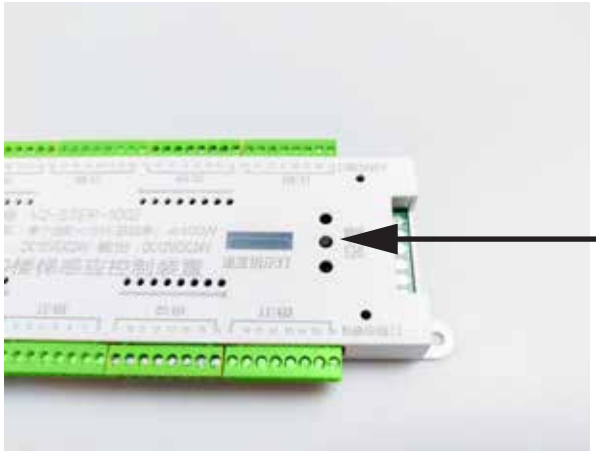


Our 32 Step Cascading Light Controller/Sensor uses two motion sensors, one at the top of the stairs, and another at the bottom. It provides a cascading effect by using timers for each step, allowing each step to be lit one after another in succession. The timers have four speed settings to customize the cascading effect. When motion is detected at the top of the stairs, the top most step lights up first with each step to follow. And the same is true when motion is detected at the bottom, lighting each step from bottom to top. This controller/sensor will make your staircase the highlight of your palace.

Technical Specfications:

Input Voltage	DC12V/ 24V
Output Voltage	DC12V/ 24V
Output Power	≤ 350W MAX
Port	32 Inductors 2(AB)
Product Size	L 7.28” x W 3.07” x H 0.98

Operation Manual:

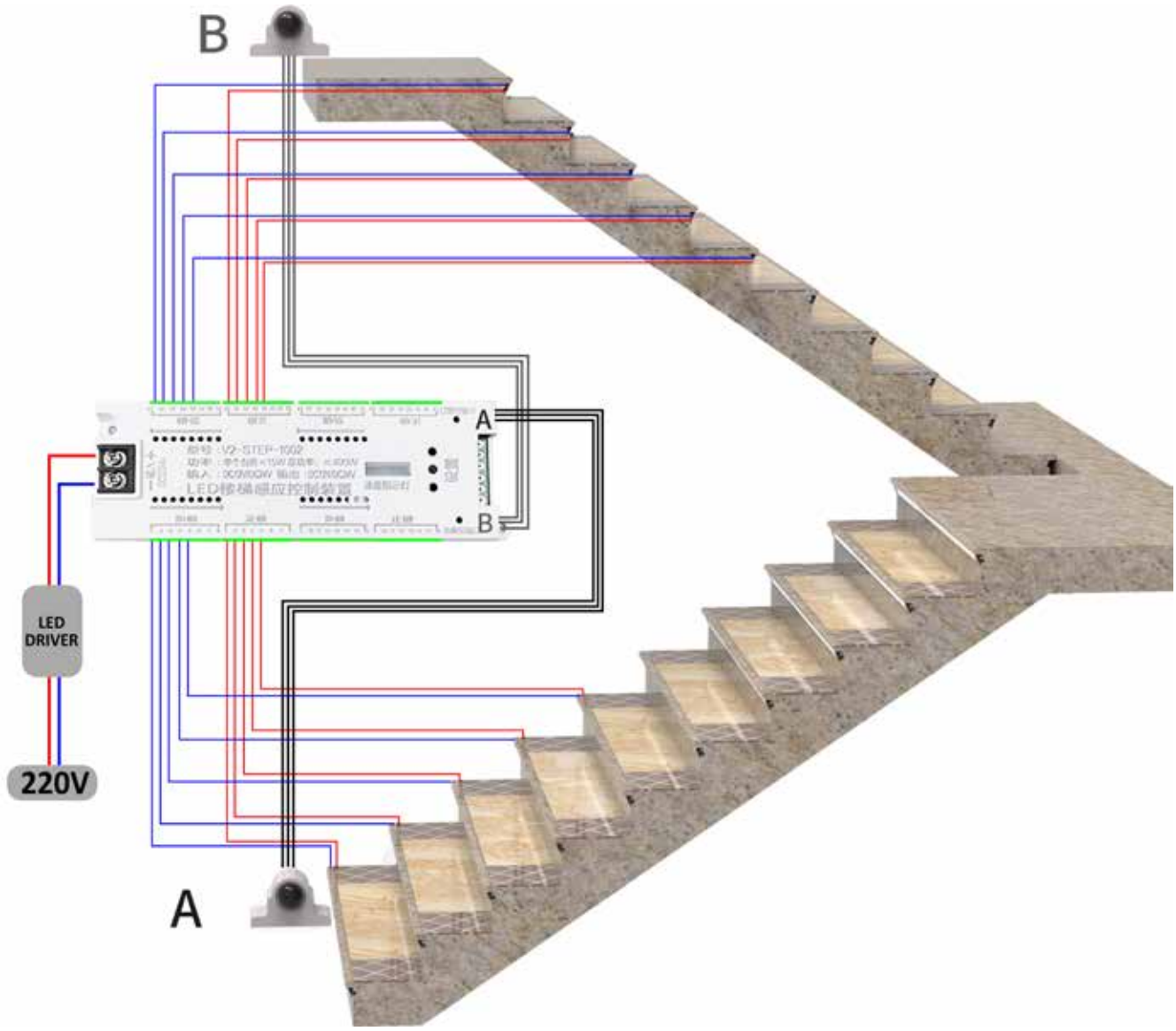


Control Switch Function:

1) Short press once to adjust light on/off speed. There are four speeds, 100%, 75%, 50%, and 25%. The indicator light shows what speed level, the brighter the indicator the slower the speed. A red indicator light is used for speed adjustment

2) Long press (5 seconds) to enter step number set mode. Then, short press once to set the first step, and short press twice to set the second step, and continue this patter for up to 32 steps. A blue indicator light is used for step number set mode.

Installation Diagram:



Connecting Strip Lights:

Insert the strip light wiring into the controller port that corresponds to the step number in order. For example:

- Verify port numbers, making sure port one “+” is used with port one “-”, and port 32 “+” is used with port 32 “-”.
- Continue this pattern for each needed step, up to 32 steps in all. Ignore any extra ports that are not needed. You can add more steps as desired later.

Sensor:

1) The sensor angle is 120 degrees with an adjustable distance of 3-10 feet and is designed to sense the movement of people.
2) The A/B sensor head is fixed with open mounted screws.

Safety Notes:

1) Shut off power before electrical work. Turn the power back on to check lights and wiring, ensuring proper installation. If lights are not operational it may be due to a short-circuit, resulting in a controller port burnout.
2) This controller is not fireproof. Do not use it near a fire.
3) Do not soak the controller in water.
4) For indoor use and for dry environments. Strong wind, high heat, excessive shaking, and other factors may cause the sensor to fail.
5) The original wiring diagram of the electrical plan may need to be adjusted to account for the required wiring of this controller if it was not considered in the electrical drawing.
6) This controller is low voltage 12v-24v and needs a transformer/LED driver. Do not connect directly to high voltage 110-220V, it will burn out the controller.