

FHVC 0-10VAC High Voltage Wireless Dimming Controller



Product Description

The FHVC high voltage controller controls LED luminaires via 2.4 G soft touch digital remote hand held controller. The controller can control dimming via 2.4 G with touch sliding ring wireless group remote controller, exquisite dimming, no flicker. One remote controller can control multiple sets of high voltage controllers as a group.

Features

1. MAX control distance up to 130 ft (in open area)
2. Smooth surface, comfortable feel
3. One remote controller can control multiple sets of high voltage controllers
4. Realize intelligent full control of whole set of luminaires

Technical Parameters









Working voltage: 100-277vac	Remote control distance: 130 ft (in open area)
Output interface: 0-10v (DC), 100-277vac	Operating environment: indoors
Output current: 3A	Waterproof level: IP20
Output power: 300W (100V) / 831W (277V)	Operating temperature range: -30°C - +55°C
Control type: single color luminaire	Packing dimensions of controller: 6.50" x 2.17" x 1.38"
Radio sending and receiving frequency: 2.4 GHz	Packing weight of controller: ~0,22 lbs
Receiving sensitivity: -96dBm	Outer carton dimensions: 10.69" x 8.82" x 6.81"
Transmitting power: 6dBm	Packing qty of controllers: 30 pcs, ~7.38 lbs

Instructions

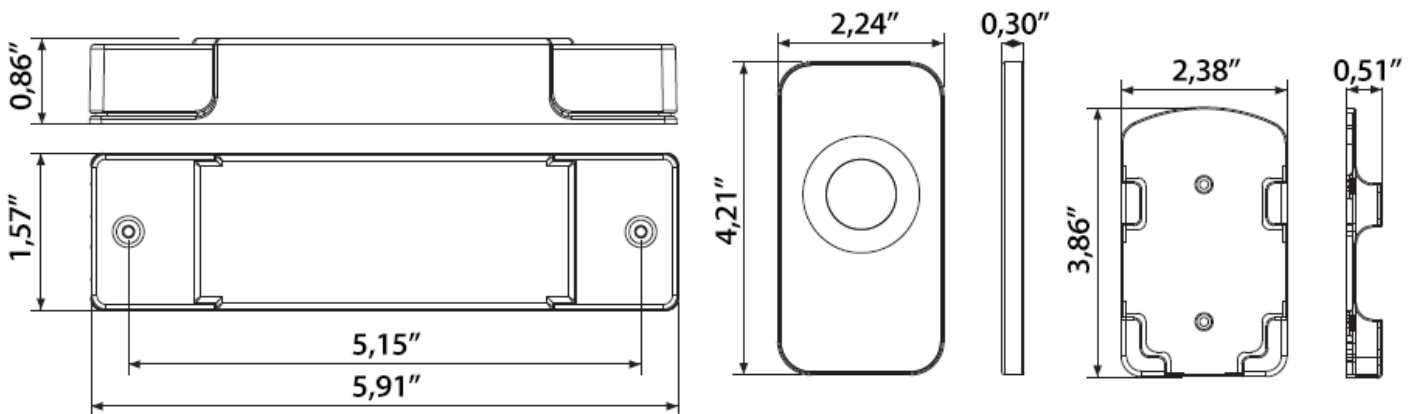
Buttons



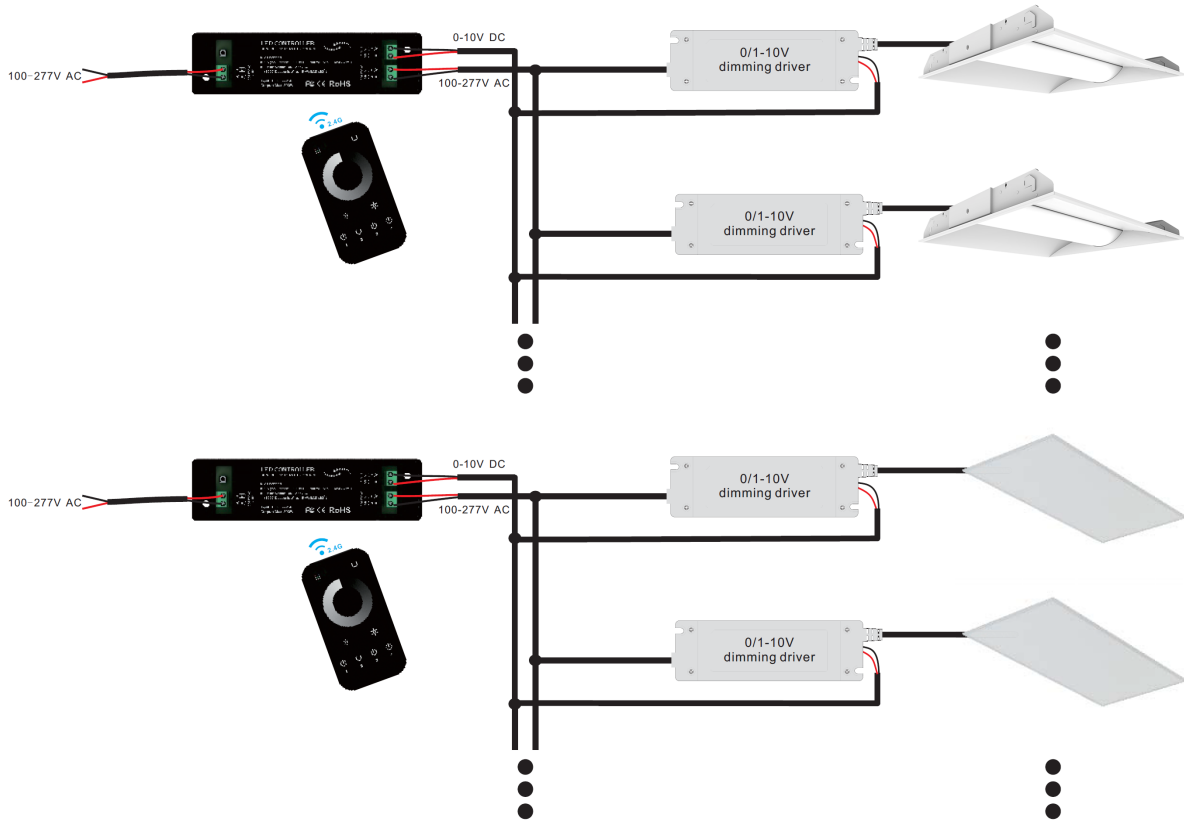
Matching steps of remote controller

1. After turning controller power On, short press , press any key on remote controller or sliding ring, then match success.
2. Turn power Off. Turn power On again. Press any key of matching controller in 5 seconds, matching finished.
3. Setting control steps of remote controller:
 - 1) Turn power On on the first controller, short press  and touch  on remote controller, then remote controller and the first controller are matched the first set. If you want to add more controllers to the group, just repeat operation mentioned above.
 - 2) Get the second controller, turn power On, short press  on controller, touch  on remote controller, then the remote controller and the second controller are matched the second set. If you want to add more controllers to the set, just repeat the operation mentioned above. And so on - third, fourth sets can be matched.
 - 3) There are 4 groups of controllers. If you want to control the first set, then touch , then you can perform dimming operation to the first set. If you want to control the second set, only touch , then you can perform dimming operation on the second set. If you want to control all four sets at a time, touch , then you can perform dimming operation on all controllers of the 4 sets.

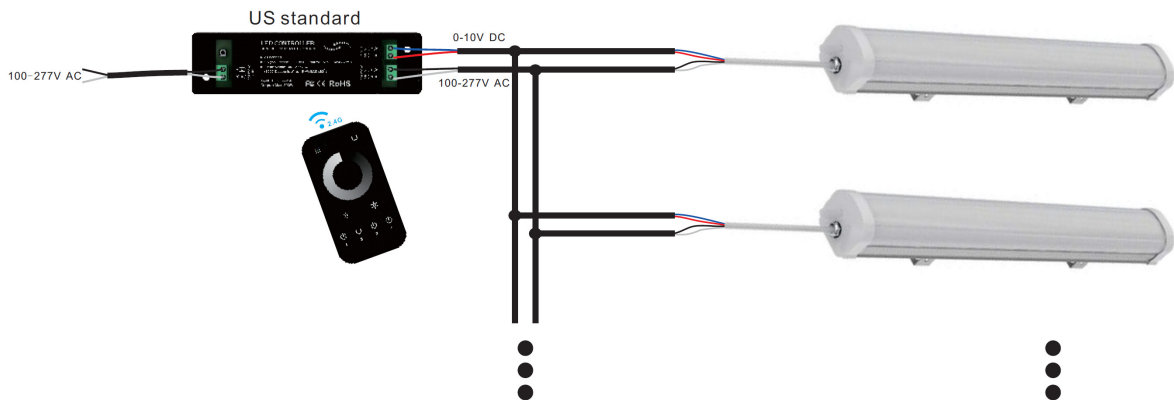
Dimensions



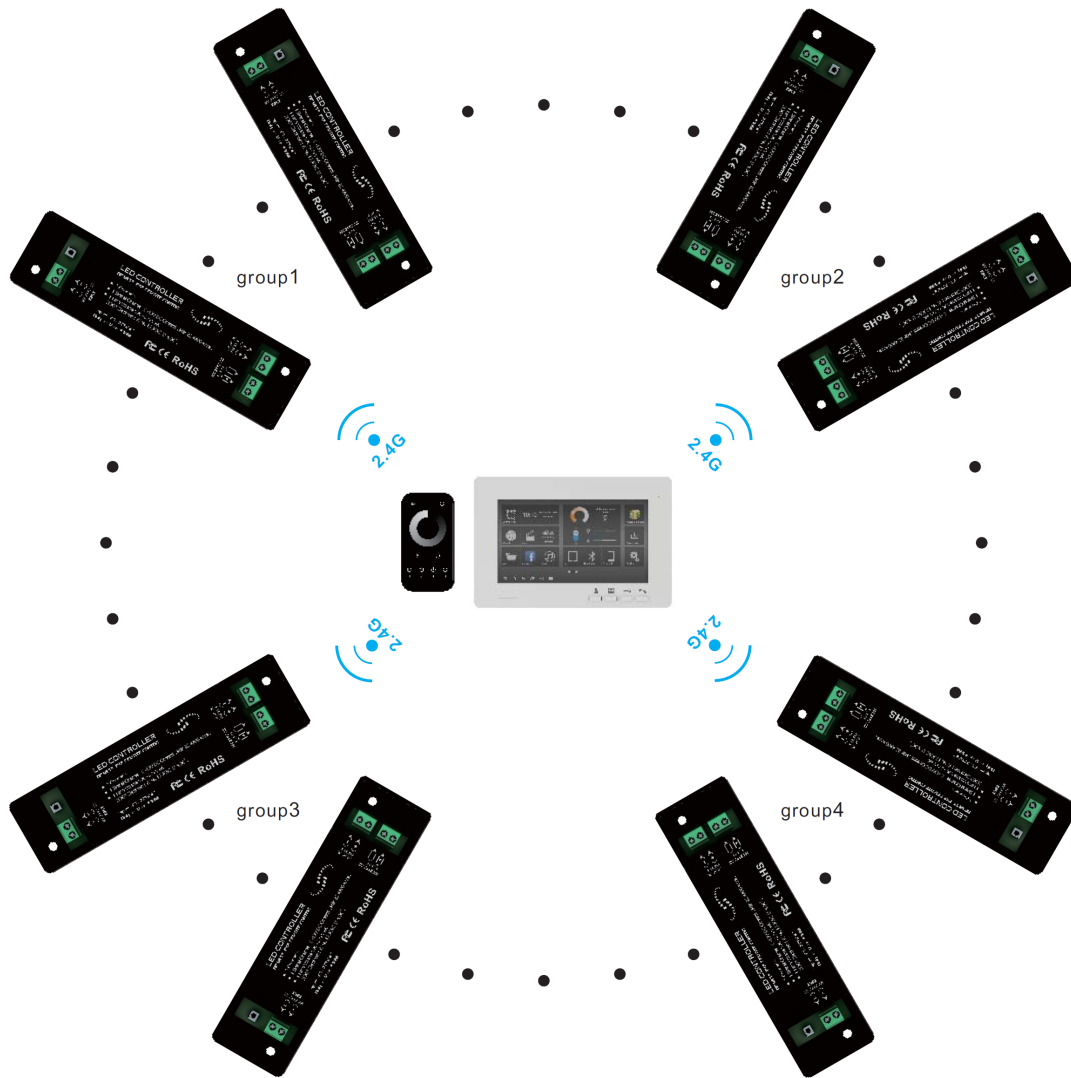
External Driver Fixture Wiring Diagrams



Internal Driver Fixture Wiring Diagrams



Set Display Drawing



WARNING:

1. The controller must be installed by professionals.
2. When installing the controller, at first turn power Off, then connect LED products to controller, after that turn power On.
3. Good cooling conditions will extend controller's lifetime, please install product in well-ventilated environment.
4. Ensure that input voltage of the network fits voltage range requirement of product.
5. Wire size used must be sufficiently load connected and make sure wires are securely connected.
6. Before turning power On, ensure that all the wiring is correct to avoid errors caused by wiring lamps damage.
7. If a failure occurs, don't repair without permission, please contact the manufacturer.