



Horticulture
Lighting Group®

PRODUCT ASSEMBLY

135 KIT

Horticulture Lighting Group
752 North State St, #208
Westerville, OH 43082

1-877-455-4533

www.HLG.com



135 KIT ASSEMBLY

Please follow these instructions exactly as directed on this page and shown on page 3. Failure to follow these assembly instructions correctly may result in a non functional lamp or unsafe lamp (see safety information). We encourage you to also watch this video guide for assembly of this light: www.youtube.com/watch?v=8E1bC1E2U4o

Materials: 2x long screws/ 8x short screws/ 2x nuts/ 1x straight connector/ 4x plastic screw legs.

Tools:

Before starting, you will need the following: **Wire stripper** and **included philips screwdriver**.

Step 1: Hand tighten all four legs into the four outermost screw holes on the heatsink.

Step 2: Place LED board on heatsink, matching all the screw holes.

Step 3: Screw all short screws from kit bag into the LED board holes marked in red using the included screwdriver.

Step 4: Flip heat sync, placing it on its previously installed legs. The "fins" side of the heatsink should be face up.

Step 5: Place the 'HLG-120H-54A' driver diagonally across the "fins" with the red/black wire side towards the two largest holes on the edge of the heatsink.

Step 6: Line up the heatsink and driver holes.

Step 7: Screw the two long screws in from the non-finned side of the heatsink on both sides then tighten the two nuts onto them.

Step 8: Strip ALL but 3-4 inches of the outer sleeve that is holding the two red and black sleeved wires with the wire stripper.

Step 9: Insert the red and black wires through the large holes accordingly, BLACK to NEGATIVE and RED to POSITIVE, then push the wires into the connectors until they lock in place.

Step 10: Cut about a quarter inch from the top of the opposite side wires and then strip them as shown in diagram, otherwise it is possible that the wires could hang out of the clamp when tightened.

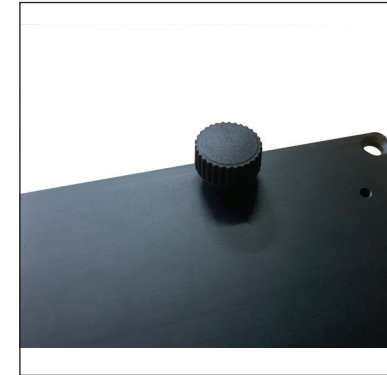
Step 11: Insert the wires into one side of the straight connector EXACTLY as instructed; BLUE wire to SILVER coated hole. GREEN/YELLOW wire to COPPER coated hole. BROWN wire to BLACK coated hole and screw them in using the included screwdriver. **Do not** over tighten screws, as it can cut the wires.

Step 12: Insert plugin cord wires into the other side of the straight connector EXACTLY as instructed; WHITE wire to SILVER coated hole. GREEN wire to COPPER coated hole. BLACK wire to BLACK coated hole. Screw them in using the included screwdriver. **Do not** over tighten screws, as it can cut the wires.

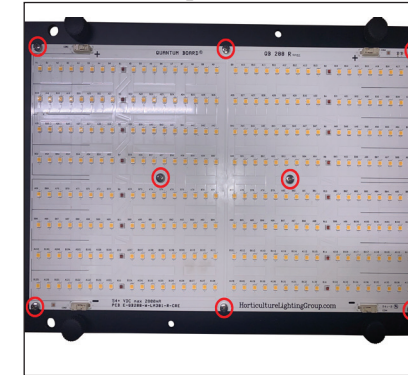
Step 13: Tighten the caps to the straight connector.

Step 14: Plug it in and shield your eyes!

Step 1:



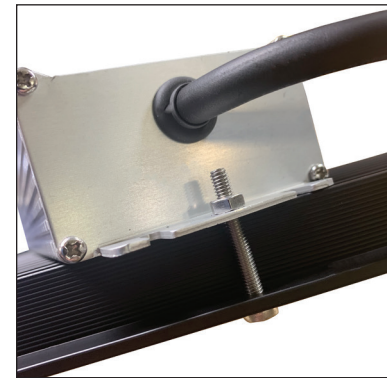
Step 2 & 3:



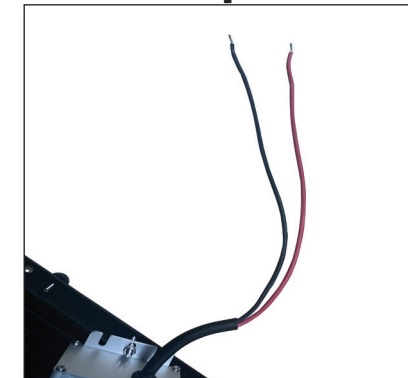
Step 4 & 5:



Step 6 & 7:



Step 8:



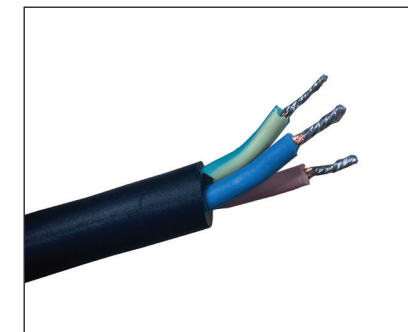
Step 9:



Step 9 (2):



Step 10:



Step 11:



Step 12:



Step 13:



Safety information

If you have **ANY** questions about this assembly please call technical support: (1-877-445-4533)

Please read this important safety information before you use the device. It contains general safety information. Follow the warning and caution information to prevent injury to yourself or others and to prevent damage to your device.



Eye Exposure:

1. Injury may occur if eyes are subjected to prolonged direct exposure to bright light. Wear approved eye protection for protection from UV rays, and appropriate certification compliances for LED lighting.

Do not use lamps in applications where humans and/or animals will be subjected to direct long-term uncomfortable visual exposure to light emissions as this could result in eye injury. If lamp appears damaged, remove power and then repair or request replacement the product.



Burn Warning:

1. Operating lamps may become hot and may involve some risk or causing fire or serious bodily injury or other damages. Use of temperature resistant gloves is recommended.

*Always allow sufficient time for product to cool prior to touching.



Electrical Hazard:

1. Electrical shock hazard is always associated with the use of electrical appliances and working with electricity. Do not use if cords or plugs are damaged or with loose electrical sockets. Unsecured connections can cause electrical shock or fire. Do not touch the power cord with wet hands or disconnect from power source by pulling on the cord, as doing so may result in electrical shock. Do not bend or damage the power cord or unit wiring, as doing so may cause electrical shock or fire. User holds sole liability and responsibility for proper use, handling and installation of this product.

2. When performing any troubleshooting please disconnect the AC power and wait 30 seconds for power supply to de-energize. It is also important to follow this step before any inspection, adjustment or maintenance to lamps.



Environment:

1. All disposal options should be evaluated with respect to federal, state, and local requirements. Before disposing of waste lamps, check with federal, state, and/or local officials for current guidelines and regulations.



Caution Sharp:

The edges of the heat sync "fins" may cause lacerations. Handle with care

Caution:

Failure to comply with safety cautions and regulations can cause injury or property damage

- Care and use your device properly. Do not use the device for anything other than its intended use
- Damages or poor performance caused by failure to follow warnings and instructions can void your manufacturer's warranty.

Disclaimer:

Failure to assemble this light kit properly according to the directions can result in a non-functioning lamp, wire exploding, shorting and fires. Buyer accepts responsibility for any and all grow lamps and components and any product operation that may lead to personal injury, economic loss, social distress, death or other losses including costs and damages. Horticulture Lighting Group is not responsible for misuse of any of their products. The purchaser is solely responsible for compliance with all applicable laws and regulations concerning the use of Horticulture Lighting Group products.

The information contained in this manual herein is presented in good faith and believed to be correct. No representations are made as to the completeness or accuracy thereof. Neither Preparer nor Company assumes any liability or responsibility for its use.

SAFETY HLG: 06/19/2020

Assembly Edition: 06/22/2020

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