

WARNINGS



RISK OF FIRE, ELECTRICAL SHOCK, CUTS OR OTHER CASUALTY HAZARDS

Installation and maintenance of this product must be performed by a qualified electrician. This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and hazards involved.

RISK OF FIRE AND ELECTRIC SHOCK

Make certain power is OFF before starting installation or attempting any maintenance. Disconnect power at fuse or circuit breaker.

RISK OF FIRE

Refer to product label for specific minimum supply conductor requirements.

RISK OF BURN

Disconnect power and allow fixture to cool before handling or servicing.

RISK OF PERSONAL INJURY

Fixture may become damaged and/or unstable if not installed properly.

DISCLAIMER OF LIABILITY: CSC LED assumes no liability for damages or losses of any kind that may arise from the improper, careless, or negligent installation, handling or use of this product.

NOTICE: Green ground wire is provided in proper location. Do not relocate.

ATTENTION RECEIVING DEPARTMENT: Note actual fixture description of any shortage or noticeable damage on delivery receipt. File claim for common carrier (LTL) directly with carrier. Claims for concealed damage must be filed within 15 days of delivery. All damaged material, complete with original packaging must be retained.

SAFETY: This fixture must be wired in accordance with the National Electrical Code and applicable local codes and ordinances. Proper grounding is required to ensure personal safety. Carefully observe grounding procedure under installation section.

APPLICATIONS: This lighting fixture is designed for indoor grow lighting applications, and should not be used in an area with limited ventilation or inside high ambient temperature enclosures. It must be stored in a dry location prior to installation.

WIRE SLING INSTALLATION

1. Unbox the driver compartment from the packaging.
 2. Unbox the LED array and unfold it. Place it on a flat surface. (Figure 1)
 3. Assemble the driver compartment to the center of LED array using the four provided thumb screws. (Figure 2)
 4. Connect the LED array female power connectors to the corresponding male connectors on the sides of the driver compartment. (Figure 3)
 5. Included with the fixture are two double-leg wire rope slings. If required, attach these slings to the mounting holes in the LED array frame. (Figure 4)
 6. Two optional pulleys are also included to allow for changes in height related to the canopy of the crop. They can be attached to the slings using the carabiner at the end of the rope. (Figure 5)
 7. If you have purchased more than one fixture and require them to be connected in parallel, repeat the steps listed above and plug an AC parallel power cable (purchased separately) into the AC parallel sockets of the paired fixtures. (Figure 6)
- NOTE:** All supplied connectors are keyed and need to be oriented correctly when inserted. Any unused connectors must be capped to maintain the fixtures IP rating and prevent an electric shock hazard.



Figure 1

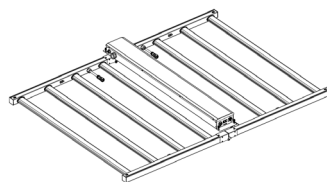


Figure 2

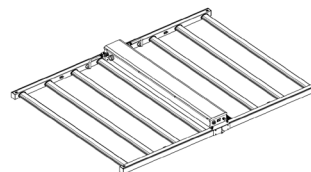


Figure 3

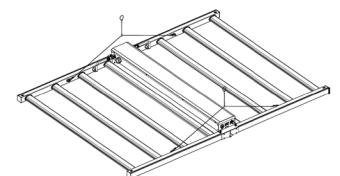


Figure 4

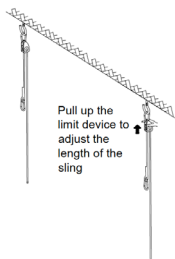


Figure 5

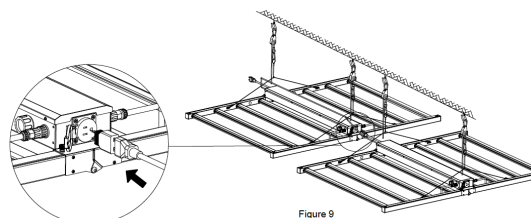
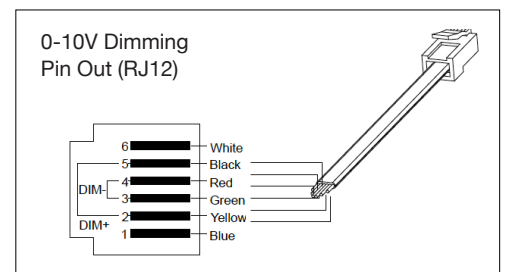


Figure 6

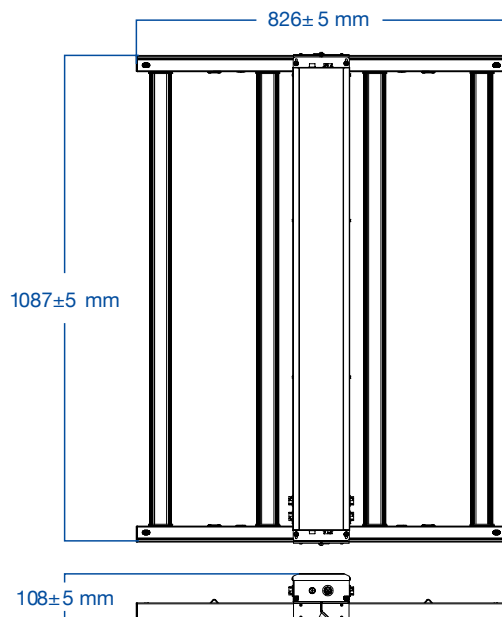


CLEANING AND MAINTENANCE

- Natural convection removes heat away from the heatsink. In order for the system to properly cool itself, at least one inch of space is required between the fixture and the ceiling of your grow area. Failure to do so may shorten the fixture's lifespan.
- To achieve the optimal lifespan and performance of your fixtures, routinely check for and remove excess dust, debris, and mineral build-up from heatsink and LED array. Cleaning should always be done with the fixture unplugged from its power source using low-pressure compressed air or water to rinse away dirt from light bars.
- Never use a cloth to clean the diode array. Doing so can scratch or compromise the integrity of the silicon seal, or dislodge diodes entirely.
- To limit degradation, avoid touching the diodes with your hands, even in a powered-off state.

DIMENSIONAL DRAWING

480W



660W

