

LED IMPORTANT SAFETY INSTRUCTIONS BLWP LUMINAIRE

**READ AND FOLLOW ALL SAFETY INSTRUCTIONS!
SAVE THESE INSTRUCTIONS AND DELIVER TO OWNER AFTER INSTALLATION**

- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards please read all warnings and instructions included with and on the fixture box and all fixture labels.
- Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.
- Installation and service of luminaires should be performed by a **qualified licensed electrician**.
- Maintenance of the luminaires should be performed by person(s) familiar with the luminaires' construction and operation and any hazards involved. Regular fixture maintenance programs are recommended.
- It will occasionally be necessary to clean the outside of the refractor/lens. Frequency of cleaning will depend on ambient dirt level and minimum light output which is acceptable to user. Refractor/lens should be washed in a solution of warm water and any mild, non-abrasive household detergent, rinsed with clean water and wiped dry. Should optical assembly become dirty on the inside, wipe refractor/lens and clean in above manner, replacing damaged gaskets as necessary.
- **DO NOT INSTALL DAMAGED PRODUCT!** This luminaire has been properly packed so that no parts should have been damaged during transit. Inspect to confirm. Any part damaged or broken during or after assembly should be replaced.
- Recycle: For information on how to recycle LED electronic products, please visit www.epa.gov.
- These instructions do not purport to cover all details or variations in equipment nor to provide every possible contingency to meet in connection with installation, operation, or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's or owner's purposes, this matter should be referred to Acuity Brands Lighting, Inc.



WARNING RISK OF ELECTRIC SHOCK

- ✓ Disconnect or turn off power before installation or servicing.
- ✓ Verify that supply voltage is correct by comparing it with the luminaire label information.
- ✓ Make all electrical and grounded connections in accordance with the National Electrical Code (NEC) and any applicable local code requirements.
- ✓ All wiring connections should be capped with UL approved recognized wire connectors.



WARNING RISK OF BURN

- ✓ Allow lamp/fixture to cool before handling. Do not touch enclosure or light source.
- ✓ Do not exceed maximum wattage marked on luminaire label.
- ✓ Follow all manufacturer's warnings, recommendations and restrictions for: driver type, burning position, mounting locations/methods, replacement and recycling.



CAUTION RISK OF INJURY

- ✓ Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing or performing maintenance.
- ✓ Avoid direct eye exposure to the light source while it is on.



CAUTION RISK OF FIRE

- ✓ Keep combustible and other materials that can burn, away from lamp/lens.
- ✓ Do not operate in close proximity to persons, combustible materials or substances affected by heat or drying.



CAUTION: RISK OF PRODUCT DAMAGE

- ✓ Never connect components under load.
- ✓ Do not mount or support these fixtures in a manner that can cut the outer jacket or damage wire insulation.
- ✓ Controls for dimming, auto-sensing, or remote control of a luminaire that are not factory-wired to the luminaire must be checked for compatibility with the luminaire prior to installation. LED fixtures must be powered directly off a switched circuit.
- ✓ Unless individual product specifications deem otherwise: Do not restrict fixture ventilation. Allow for some volume of airspace around fixture. Avoid covering LED fixtures with insulation, foam, or other material that will prevent convection or conduction cooling.
- ✓ Unless individual product specifications deem otherwise: Do not exceed fixtures maximum ambient temperature.
- ✓ Only use fixture in its intended location.
- ✓ LED products are Polarity Sensitive. Ensure proper Polarity before installation.
- ✓ Electrostatic Discharge (ESD): ESD can damage LED fixtures. Personal grounding equipment must be worn during all installation or servicing of the unit.
- ✓ Do not touch individual electrical components as this can cause ESD, shorten lamp life, or alter performance.
- ✓ Some components inside the fixture may not be serviceable. In the unlikely event your unit may require service, stop using the unit immediately and contact an ABL representative for assistance.
- ✓ Always read the fixtures complete installation instructions prior to installation for any additional fixture specific warnings.
- ✓ Always ensure that the electrical distribution system is up to NEC (and any applicable local code) requirements.
- ✓ Verify that power distribution system has proper grounding. Lack of proper earth ground can lead to fixture failure and may void warranty.

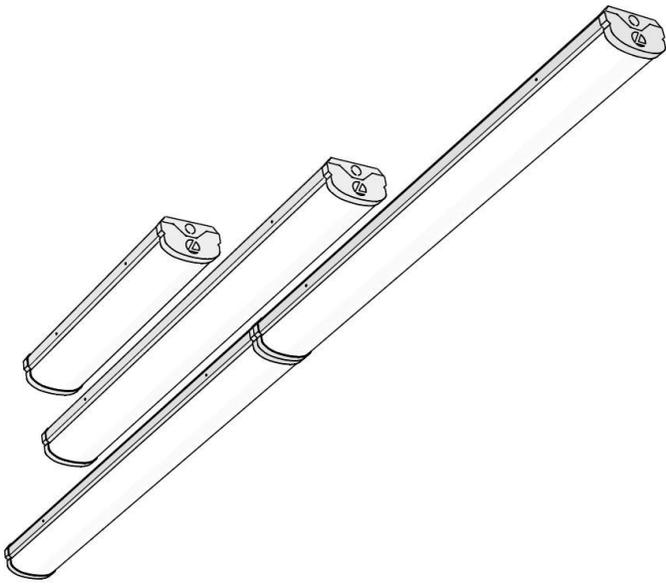
All luminaires that contain electronic devices that generate frequencies above 9kHz from any component within the luminaire comply with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference
- (2) This device must accept any interference received, including interference that may cause undesired operation

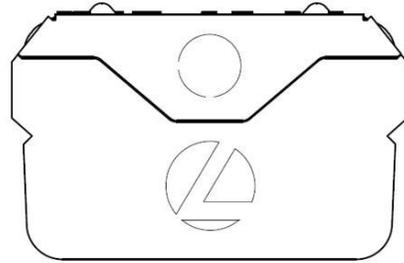
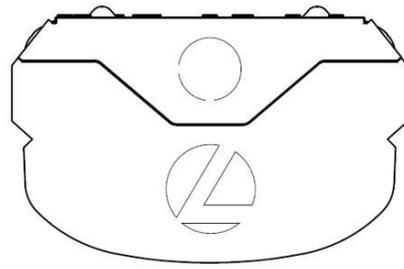
Failure to follow any of these instructions could void product warranties. For a complete listing of product Terms and Conditions, please visit www.acuitybrands.com.

Our Brands	Indoor/Outdoor Lithonia Lighting Carandini Holophane RELOC Light Concepts	Indoor Lighting Aculux Gotham Indy Juno Mark Architectural Lighting Peerless Renaissance Lighting Winona Lighting	Outdoor Lighting American Electric Lighting Antique Street Lamps Hydrel Tersen	Controls DARK TO LIGHT LC&D ROAM Sensor Switch Synergy	Daylighting SunOptics
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Acuity Brands Lighting, Inc. assumes no responsibility for claims arising out of improper or careless installation or handling of its products.

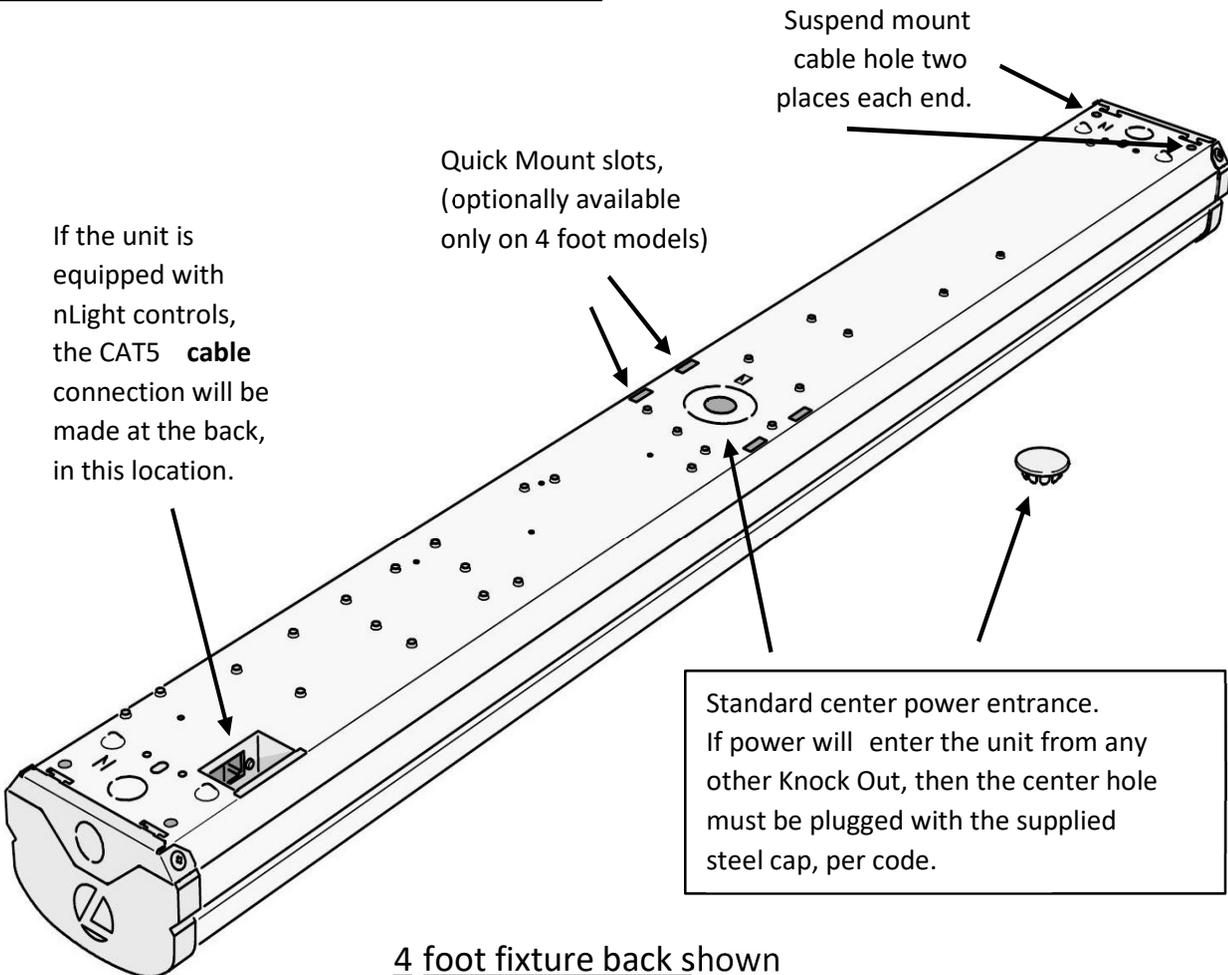


2, 4 & 8 foot units, and 8 foot assembly



Curved or Square diffuser profile

Note: 8 foot assembly is with two 4 foot units joined together in the field during installation, with joiner brackets. The 8 foot unit is an independent 8 foot fixture.



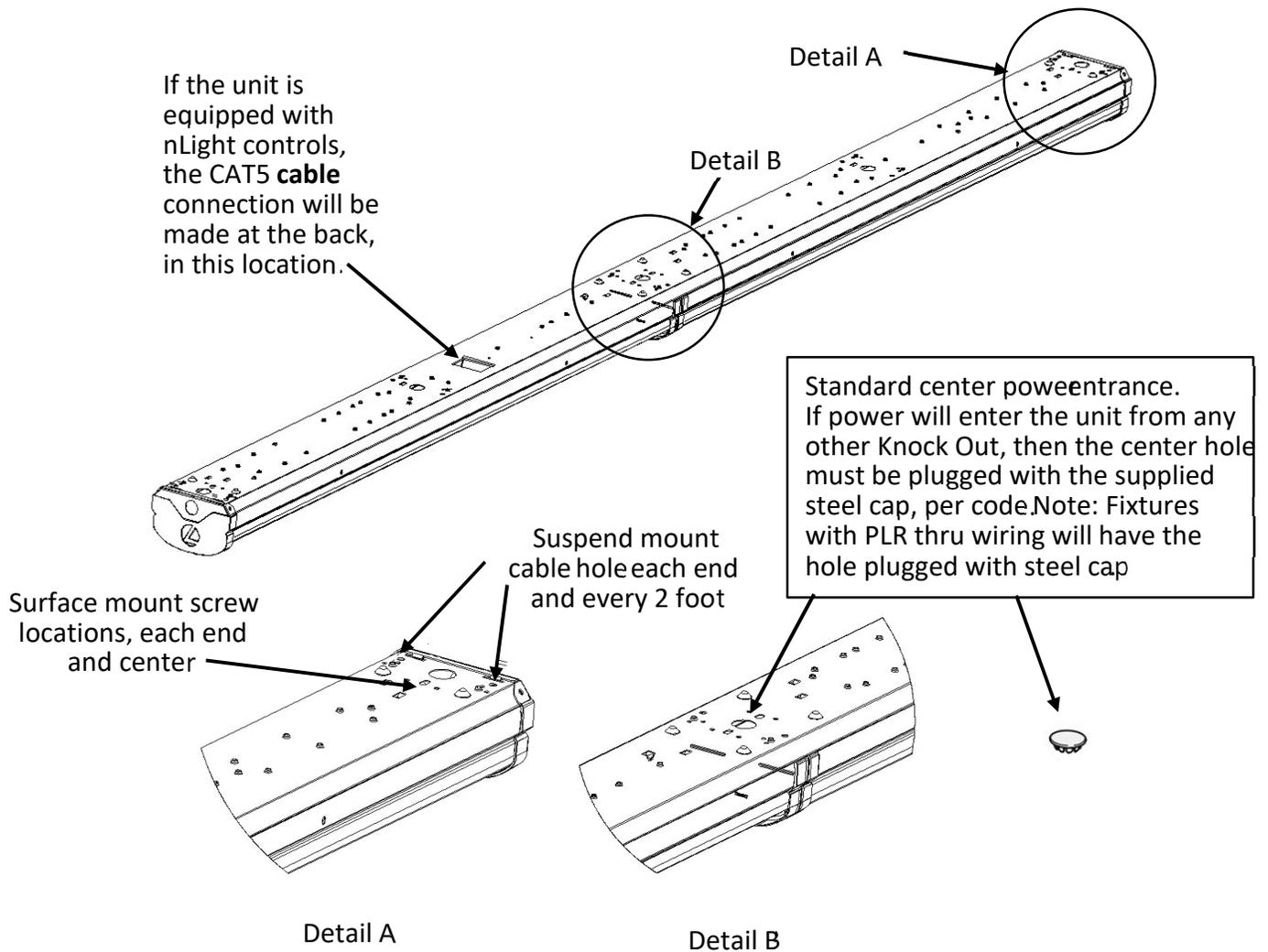
Suspend mount cable hole two places each end.

Quick Mount slots, (optionally available only on 4 foot models)

If the unit is equipped with nLight controls, the CAT5 cable connection will be made at the back, in this location.

Standard center power entrance. If power will enter the unit from any other Knock Out, then the center hole must be plugged with the supplied steel cap, per code.

4 foot fixture back shown



8 foot fixture back shown

Verify the contents of the assembly by using the pictures above.

Step One:

Turn off power.

**Step Two: (For Quick Mount version only. If not Quick Mount, skip to step 3).
Quick Mount option only exists in the 4 foot unit.**

Securely install the Quick Mount bracket, (if equipped), to the junction box.

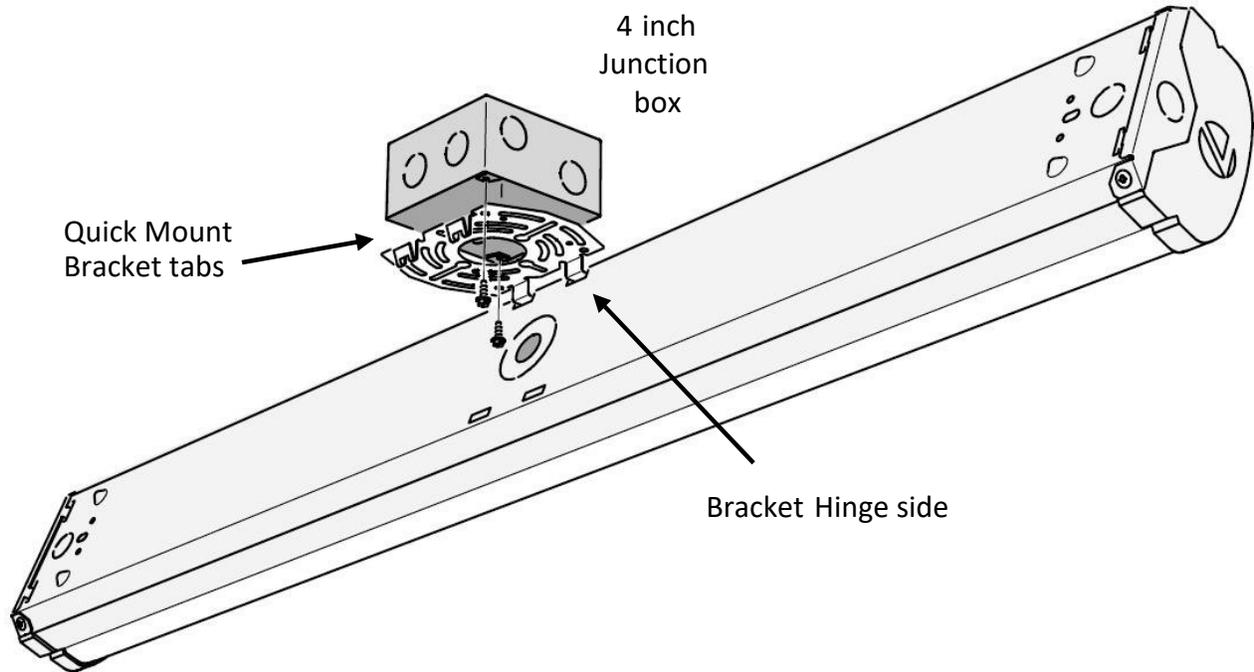
Hang the fixture on the Quick Mount Bracket hinge side and ensure that it is secure.

Make the wire connections to the incoming power wires and ground properly.

Hinge the fixture and snap it on to the tabs of the Quick Mount Bracket.

Ensure that the tabs engage with the housing and that the fixture is secure. Open the fixture, as described below, and install additional mounting screws, as needed, for a secure installation.

Energize the fixture and check its operation.



Step Three: (non-Quick Mount versions): 2 foot and 4 foot versions

Open the fixture by removing the 2 screws along the side of the fixture. Retain the screws since they will be needed during reassembly. (see picture on next page)

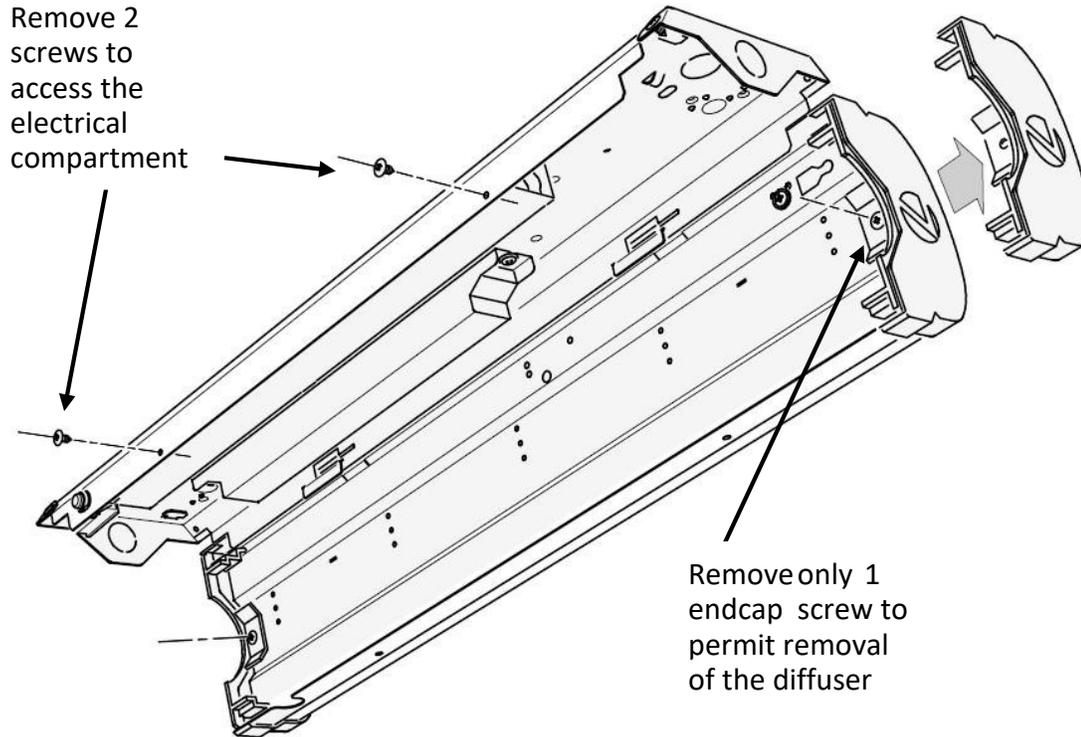
Note: Some models will have 4 screws, two on each side. If there are 4 screws, remove all 4 and set aside as they will be needed during reassembly.

Secure housing to the structure.

Make wire connections to the incoming power wires and ground properly. To adjust the optional Field Adjustable Output, (FAO), (if equipped), See step 4.

Close the fixture, making sure that no wires are pinched or exposed, and there is no gap between the top and bottom halves of the fixture on either side.

Reinstall the 2 screws to keep the fixture closed, then energize fixture and check its operation. In some models there will be 4 screws. If there are 4 screws, re install all 4 screws.



Step Three: (non-Quick Mount versions): 8 foot versions

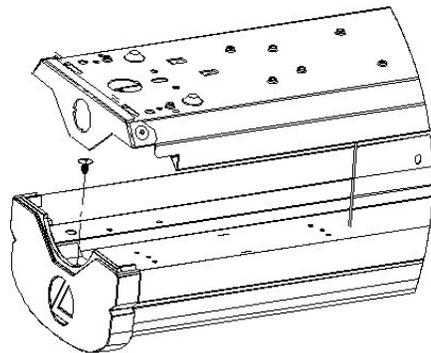
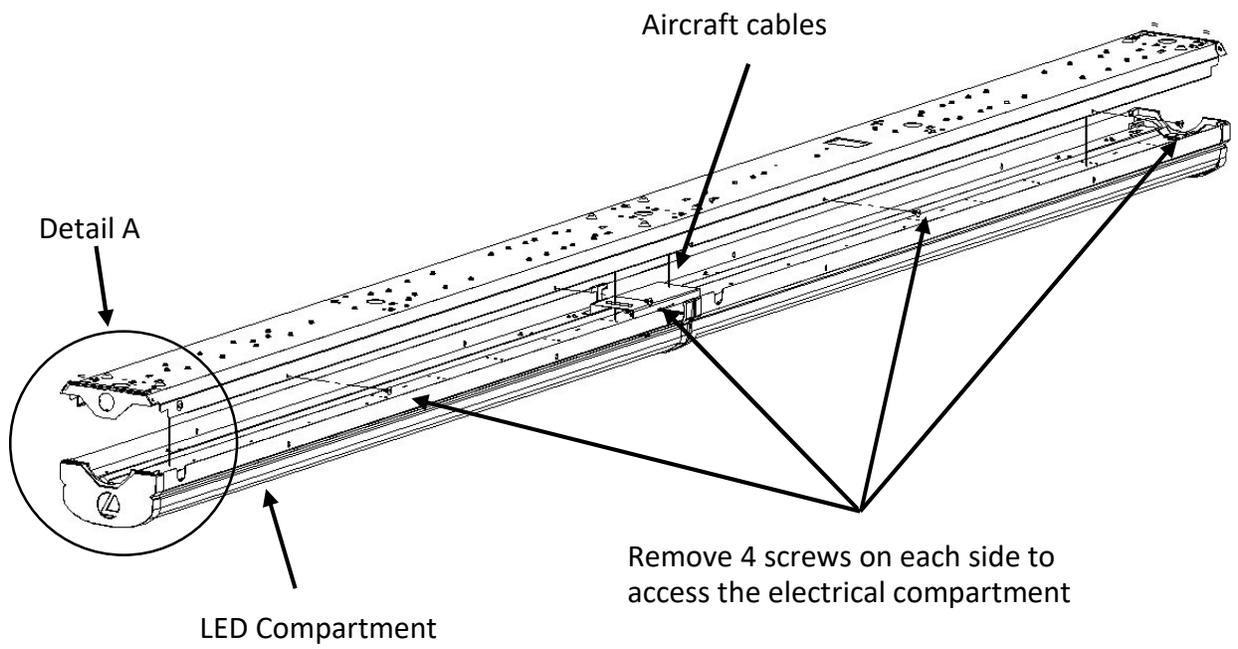
Open the fixture by removing the 4 screws along each the side of the fixture; 8 total screws need to be removed. Retain the screws since they will be needed during reassembly. (see picture on next page) The LED compartment should be supported by 4 aircraft cables. Do not unhook the aircraft cables.

Secure housing to the structure. For suspension mount, use the suspension mount cable holes on the back of unit. Two suspension cables, one on each end is needed at a minimum to suspend mount the 8 foot unit. Additional suspend mount holes are located 2 foot apart as needed. For surface mount, use the mounting holes that are at each end of the fixture plus two at the center.

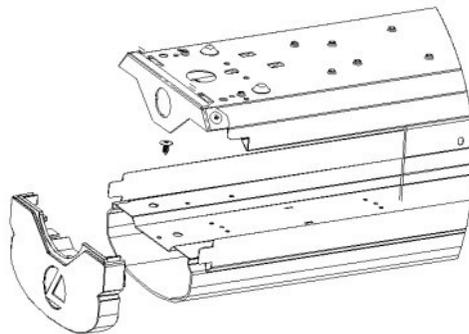
Make wire connections to the incoming power wires and ground properly. To adjust the optional Field Adjustable Output, (FAO), (if equipped), See step 4.

Close the fixture, making sure that no wires are pinched or exposed, and there is no gap between the top and bottom halves of the fixture on either side.

Reinstall the 8 screws to keep the fixture closed, then energize fixture and check its operation.



Detail A



Detail A.1 (Trim Ring Removed)

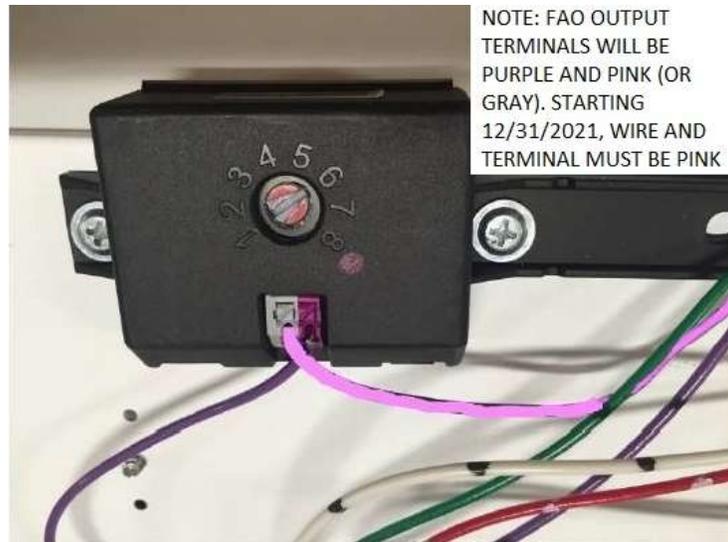
Diffuser Care and Removal:

Cleaning the outside of the diffuser can be accomplished with a soft cloth and water. The diffuser does not require removal during installation or normal operation, however, it is removable by opening the housing and removing 1 screw as shown in the picture above. Carefully pull the endcap off of the housing after removing the screw. If the unit is equipped with a sensor, remove the endcap that does not contain the sensor for easier reassembly. Make sure to reinstall the screw to secure the endcap when reinstalling the diffuser.

If your assembly is equipped with an optional FAO, (Field Adjustable Output Module), open the unit to gain access to the FAO module and perform Optional Step Four.

Optional Step Four:

Set the FAO device to the desired output level, using the picture and table below:



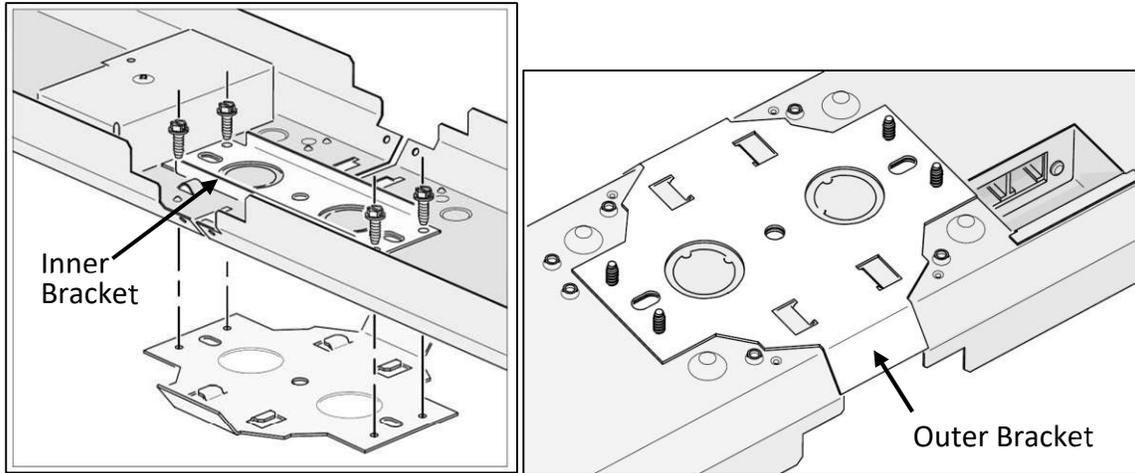
	0-10 Voltage Dimmer	% Lumen Output (approximate)	% Wattage (approximate)
Step 8	Full Output	100%	100%
Step 7	9.0 VDC	98%	100%
Step 6	8.0 VDC	88%	86%
Step 5	7.0 VDC	86%	82%
Step 4	6.0 VDC	82%	80%
Step 3	5.0 VDC	76%	75%
Step 2	4.0 VDC	71%	72%
Step 1	3.0 VDC	67%	71%

Use the table above to choose desired Lumen output level.

A flathead screwdriver may be used to rotate the knob of the FAO to the desired output level.

Joiner Brackets for 8 foot Assembly (using 2 x 4 foot units)

4 foot housings are joined in-line, in the field, into 8 foot units, using the Joiner Brackets. Remove 2 screws and the metal endplate from one end of both fixtures and join the channels together with the brackets as shown below. Surface or suspend mount the assembly using the instructions contained with the mounting accessory. Approximate center to center mounting dimensions are shown on the next page.



Joiner Brackets for 16 foot Assembly/Row Mounting (using 2 or more x 8 foot units)

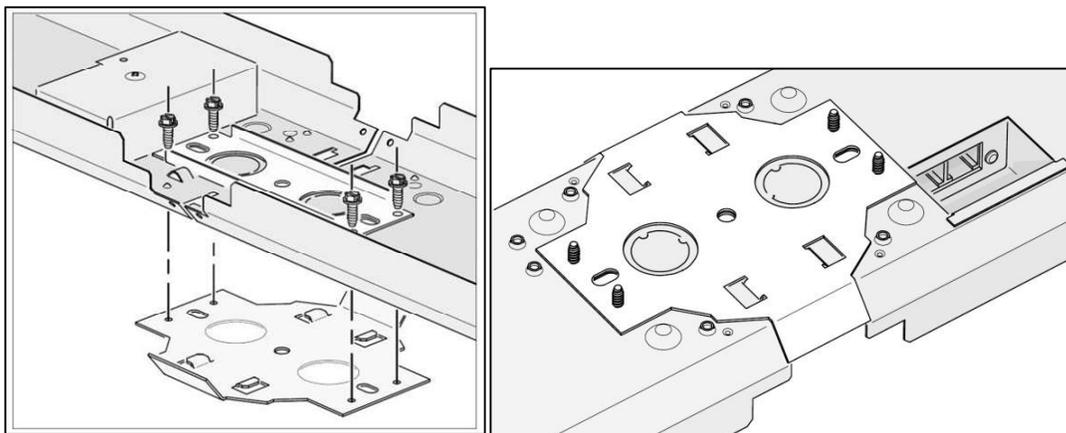
8 foot housings are joined in-line, in the field, into 16 foot units, using the Joiner Brackets. Remove 2 screws and the metal endplate from one end of both fixtures and join the channels together with the brackets as shown below. These instructions apply given row mounting applications.

For surface mount, the following general instructions can be followed, however it is up to the discretion of the installer if they chose to deviate given another set of instructions is more applicable to their application.

- 1) The first and last fixture in the row will have to have one end plate removed. Remove 2 endplate screws and remove the endplate. All fixtures in the middle of the row will need both end plates removed.
- 2) Install the outer bracket to the end of the first fixture where the end plate has been removed by locking it into the cut outs.
- 3) Mount the first fixture to the surface, installing mounting screws in the far end and center surface mount screw holes.
- 4) In the second and subsequent fixtures in the row, remove both end plates, and on one end install the outer bracket by locking it into the cut outs.
- 5) Connect the second fixture to the first by locking into the outer bracket. Mount the inner bracket joining the first and second. Install screws between the fixture and brackets to complete the installation between the first and second fixture. Ensure all fixtures in the row are mounted to the surface using the standard surface mounting holes even after their joined with the inner and outer brackets.
- 6) Tighten all screws to ensure fixtures are connected.
- 7) Repeat for remaining fixtures in the row.

For suspension mount, the following general instructions can be followed, however it is up to the discretion of the installer if they chose to deviate given another set of instructions is more applicable to their application.

- 1) The first and last fixture in the row will have to have one end plate removed. Remove 2 endplate screws and remove the endplate. All fixtures in the middle of the row will need both end plates removed.
- 2) Install the outer bracket to the end of first fixture where the end plate has been removed by locking into the cut outs. Install the inner bracket to the fixture along with the y hanger air craft cable. Don't install the screws between the inner and outer bracket yet.
- 3) Suspend the first fixture using the aircraft cables provided on both ends. The end with the outer bracket needs to have aircraft cable going through the holes of the outer and inner bracket sandwiching the fixture.
- 4) Prepare the fixtures in the middle of the row with outer brackets, inner brackets, and aircraft cable on one end similar to step 2.
- 5) Bring the second fixture to the first-row connector and connect it to the first by locking into the cut outs. Then install the screws between the inner and outer bracket.
- 6) Repeat for the remaining fixtures in the row.
- 7) There should at a minimum be an air craft cable at each end of the row and at each joiner connection. All joiner connections need to have an air craft cable.



Help save our environment by recycling all remaining components.

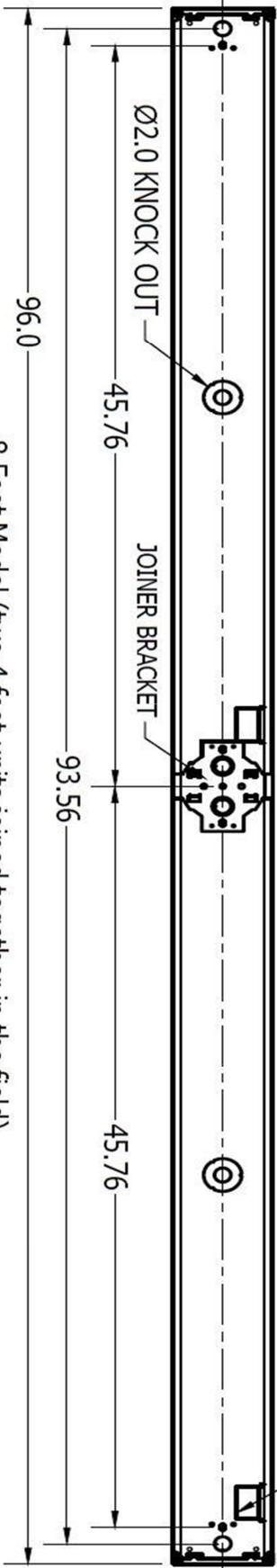
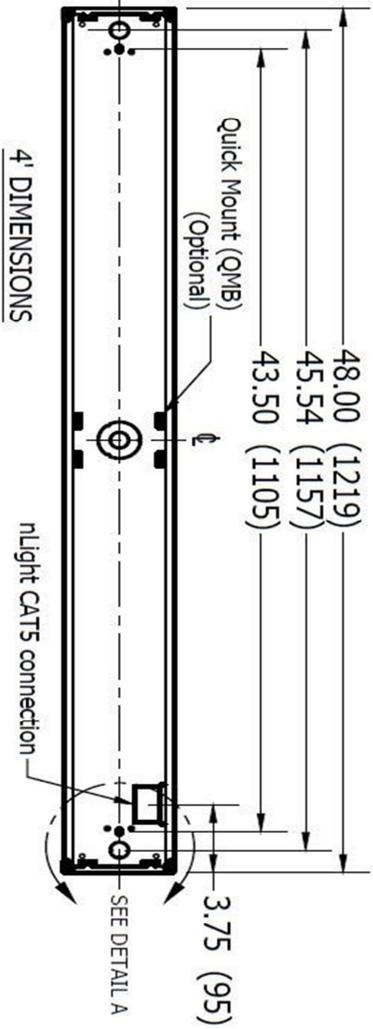
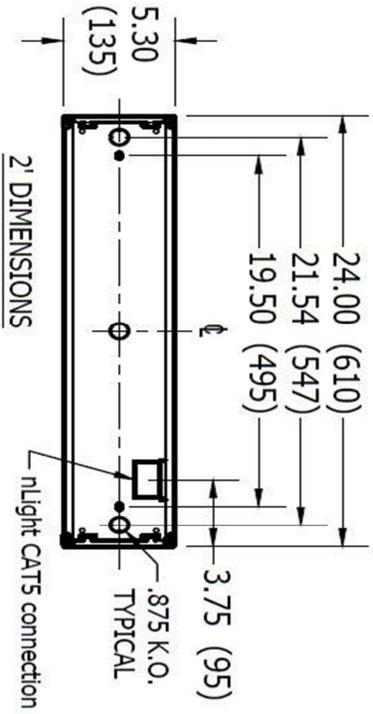
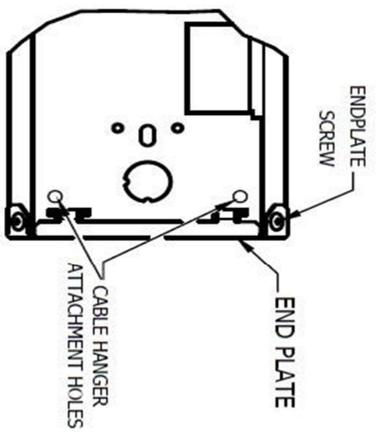
SAVE THESE INSTRUCTIONS

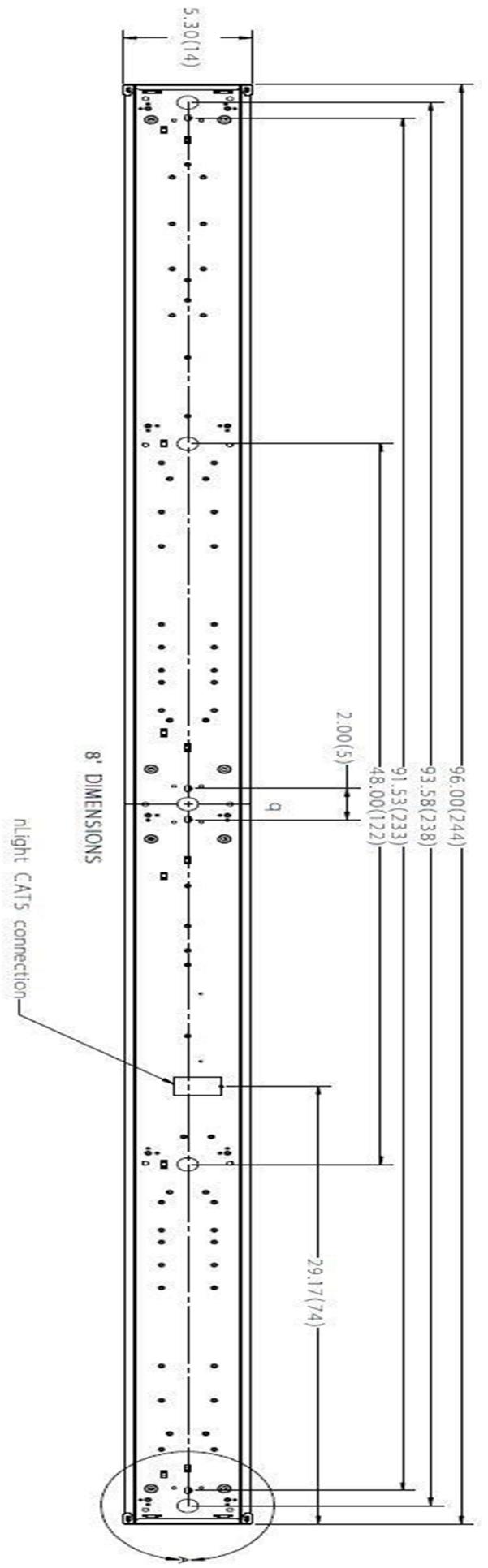
FOR ANY QUESTIONS, PLEASE CONTACT 1-800-705-7378

Contractor Resources

Check out helpful programs, tools, installation videos and more!







8 Foot dimensions (unit)