IMPORTANT SAFEGUARDS
When using electrical equipment, basic safety precautions should always be followed including the following:

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. DANGER - Risk of shock - Disconnect power before installation.
   DANGER – Risque de choc – Couper l’alimentation avant l’installation.
2. This luminaire must be installed in accordance with the NEC or your local electrical code. If you are not familiar with these codes and requirements, consult a qualified electrician.
   Ce produit doit être installé conformément à NEC ou votre code électrique local. Si vous n’êtes pas familiar avec ces codes et ces exigences, veuillez contacter un électricien qualifié.
3. SUITABLE FOR CONTINUOUS ROW MOUNTING.
   PEUT ÊTRE MONTÉ EN RANGÉE CONTINUE.
4. Make sure the equipment is properly grounded.
5. Always de-energize the circuit and/or equipment before connecting to, disconnecting from or servicing the equipment

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

NOTES:

- CAUTION - It is the installers responsibility to ensure that the wall is structurally capable of supporting the weight of luminaire/luminaire row.
- Endcap kits and joining hardware are packaged separately for continuous rows.
- To Prevent Luminaire Row From Over-Current: By adding the input current of each luminaire section marked on the luminaire, the total current per power feed must not exceed the maximum line wire amperage rating in the luminaire and the power feed cord/wire amperage rating whichever is least.

Installation Instructions are divided into 3 sections:
1. Wall Mounting - Individual Luminaire, ST3-WD and ST3-WI
2. Wall Mounting - Continuous Row, ST3-WD and ST3-WI
3. Electrical Connections
SECTION 1:
WALL MOUNTING-INDIVIDUAL LUMINAIRE, ST3-WD AND ST3-WI

CAUTION: It is the installers responsibility to ensure that the wall and junction box are structurally capable of supporting the weight of the luminaire and luminaire row.

CAUTION: Mounting Cleats are to be installed with appropriate anchors supplied by customer. Mounting cleats are shipped with the product and should be installed in accordance with these instructions.

STEP 1:
Remove Wall Cleats from luminaire by loosening Phillips head screw(s). See Figure 1.

STEP 2:
Mount Wall Cleats to wall using customer supplied mounting hardware. Refer to Mounting Cleat dimensions shown in Figure 4 on the next page.

NOTE: Luminaire Feed location must be centered over customer supplied recessed junction box. See Figure 2.

STEP 3:
Hang the luminaire on to the Wall Cleats as shown in Figure 3 and make electrical connections per Section 3 "Electrical Connections into customer supplied junction box. Tuck the wires into customer supplied junction box ensuring not to pinch any wires.

STEP 4:
Lower the bottom of the luminaire to the Wall Cleats and secure the luminaire to the Wall Cleats by tightening screw(s). See Figure 3.
LUMINAIRE ROW LAYOUT: SINGLE UNIT 2' - 12'

2' FIXTURE

4' FIXTURE

6' FIXTURE

8' FIXTURE

10' FIXTURE

12' FIXTURE

***NOTE: Looking at the luminaire mounted on the wall the feed location is on the left hand side of the luminaire.

WALL CLEAT DIMENSIONS

5.90''

4.50''

1.40''

2.85''

0.75'' Wireway hole (2)

0.31'' Mounting hole (2)
SECTION 2: WALL MOUNTING - CONTINUOUS ROW MOUNTING, ST3-WD AND ST3-WI

**CAUTION:** It is the installers responsibility to ensure that the wall and junction box are structurally capable of supporting the weight of the luminaire and luminaire row.

**CAUTION:** Mounting Cleats are to be installed with appropriate anchors supplied by customer. Mounting cleats are shipped with the product and should be installed in accordance with these instructions.

**CAUTION:** Do not attempt to assemble fixture rows on ground and lift row into position. This creates stress at the connection points and may result in damage and/or mechanical failure

**STEP 1:** Mark Locations of Luminaire Wall Cleats on Wall

**NOTE:** Each luminaire has a male and female end. The joining bracket, joining hardware, and male alignment pins are pre-installed. See Figure 7-9.

- From center line of horizontally mounted customer supplied junction box, snap a horizontal chalk line on wall to the right of junction box approximately the full length of luminaire row mounting centers. See Figure 5.
- Determine luminaire Wall Cleat locations using the Luminaire Row Layout Chart on Figure 8.
  **NOTE:** Each Luminaire is secured with 2 wall cleats. Each wall cleat is located 9” from the end of the luminaire.
- Mark Wall Cleats locations on the chalk line, starting Right-Hand End of the Row with male end of luminaire being first.
  **NOTE:** The male end will be the start of the run and gets the endcap attached.
- The final luminaire and Wall Cleat location on the far left of the run will be the wiring connection into the junction box location. See Figure 9 on page 6.

**STEP 2:** Remove Wall Cleats from luminaire by loosening Phillips head screw(s). See Figure 1.

**STEP 3:** Install each Wall Cleat to the mounting surface at the locations marked on the chalk line in Step 1. Ensure that all Wall Cleats are plumb and on the same center line. All wall cleats should be centered over every Mounting Cleat screw on the luminaire housing. See Figure 5.

**STEP 4:** Remove lens and LED/Reflector Tray and set aside in order of run placement for reinstalling later. For ST3-WD luminaires remove lens by carefully sliding a plastic card or putty knife between the lens and extrusion towards the end of the luminaire. Using the plastic card or putty knife, push the lens inward until the lens come free. After removing the lens, remove the Phillips head reflector screws, remove the LED Reflector Tray, and disconnect the LED harness. Set lens and LED Reflector tray aside. See Figure 6 and 7.

**NOTE:** For ST3-WI luminaries remove the indirect lens and LED/reflector tray located on the on the top of the luminaire. To remove the LED/reflector tray remove the Phillips head screws.
LUMINAIRE ROW LAYOUT: EXAMPLE OF A TWO AND THREE UNIT 16', 20' - 24' (CAN BE MOUNTED IN OTHER CONFIGURATIONS)

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***NOTE:*** Looking at the luminaire mounted on the wall the feed location is on the left hand side of the luminaire.
**EXAMPLE 3 FIXTURE CONTINUOUS ROW**

**STEP 5:**
Attach the first luminaire Right-Hand End of the Row (non-feed end) onto the Wall Cleats. Holding the luminaire at a slight angle with the bottom of luminaire away from the wall align the top lip of the Wall Brackets on the luminaire over the top lip of the Wall Cleat on the mounting surface. See Figure 3 and 10.

**NOTE:** Do not tighten the set screws on the luminaire at this time.

**STEP 6:**
Position second luminaire in row such that it aligns with female end of first luminaire. Attach luminaire to Wall Cleats in the same manner as the first luminaire was attached. Connect the second luminaire to the first luminaire as shown in Figure 9 and 11. Plug wire harness together and push excess wire into luminaire wiring chamber, ensure that wires are not pinched.

**STEP 7:**
Push luminaires tightly together while making sure the alignment pins slide into the interior tracks of each luminaire and span the luminaire joint. Secure joint by tightening supplied keps locknuts on threaded studs of male joiner bracket. See Figure 9 and 11.

**STEP 8:**
Continue to install and assemble row following steps 4-6 until the last luminaire is located over the customer supplied junction box.

**STEP 9:**
One the last luminaire cut the connector off the end of the thru wire harness. Route wire leads through the last Wall Cleat and into the junction box and make electrical connections per Section 3 “Electrical Connections”. 

**CONSISTS OF:**
- QTY 3 - RUNNER LUMINAIRES (4FT, 6FT, OR 8FT) - EACH WITH FEMALE AND MALE ENDS
- QTY 1 - ENDCAP KIT - COMES WITH 2 ENDCAPS, FEMALE JOINER BRACKET, AND HARDWARE
**SECTION 8: ELECTRICAL CONNECTIONS**

**STEP 1:**
For 120/277/347V applications make the following Electrical Connections:

a. Connect the black luminaire lead to the supply lead.

b. Connect the white luminaire lead to the neutral supply lead.

c. Connect the green or green/yellow ground lead to the green supply lead.

For 208/240V applications, make the following Electrical Connections:

a. Connect Hot 1 supply lead to the black lead.

b. Connect Hot 2 supply lead to the white lead.

c. Connect the green or green/yellow ground lead to the supply ground lead.

**STEP 2:**

a. If applicable, the dual feed option comes with the indirect switched Hot connected to the red luminaire lead. Connect the red luminaire lead to indirect switched Hot supply lead. If not being used, ensure to cap off red leads.

b. If Dimming is an option; connect the violet dimming positive lead to the supply dimming positive lead. If dimming is not being used, ensure to cap off the violet lead. For dual feed indirect positive dimming lead is blue.

c. If Dimming is an option; connect the grey dimming negative lead to the supply dimming negative lead. If dimming is not being used, ensure to cap off the grey lead. For dual feed indirect negative dimming lead is blue/white.