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 familier avec ces codes et ces exigences, veuillez contacter un électricien qualifié.*
3. When closing cover of luminaire, be sure all wires are inside housing to avoid pinching wires.
4. Never open or disconnect the neutral when voltage is applied to L1 or L2 conductors.

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

TO INSTALL:

TWO LEVEL REMOTE SENSOR OPTION (G OPTION)

**STEP 1:**
Never open or disconnect the neutral when voltage is applied to L1 or L2 conductors.

**STEP 2:**
If wiring luminaires to a phase to phase (208/480V) circuit, make sure that the phase applied to the common phase wire is the same, if not, remove the jumper wire. See **Figure 2 or 4.**

**STEP 3:**
Luminaire may be operated at low mode (175 mA), standard mode (350 mA) or high mode (525 mA). **NOTE:** High mode is not applicable for 140-240 LED Luminaires.

**STEP 4:**
How Multi-Level LED products work: Drive currents determine the light output of the LEDs. By applying voltage to the luminaires supply conductors, different light levels can be achieved. Line 1 and Line 2 can be switched on and off separately using a manual switch or other automated device supplied by the customer.

**NOTE:** See the luminaires label to verify the following Remote Sensor Options:
- 350-HL Option = 175/350mA
- 525-HL Option = 175/350/525mA [120 LED Max.]
- 700-HL Option = 350/700mA [60 LED Max.]

**LOW MODE:**
- 350-HL or 525-HL Option LED’s run at 175 mA
- 700-HL Option LED’s run at 350mA
- Low mode is achieved when voltage is applied to Line 1 (L1) and Line 2 (L2) is de-energized.

**STANDARD MODE:**
- 525-HL Option LED’s run at 350mA
- Standard mode is achieved when voltage is applied to Line 2 (L2) and Line 1 (L1) is de-energized.

**HIGH MODE:**
- 350-HL Option LED’s run at 350mA
- 525-HL Option LED’s run at 525 mA
- 700-HL Option LED’s run at 700mA
- High mode is achieved when voltage is applied to both Line 1 (L1) and Line 2 (L2).

<table>
<thead>
<tr>
<th>Option</th>
<th>Mode</th>
<th>Line 1</th>
<th>Line 2</th>
<th>Driver Current Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>350-HL or 525-HL</td>
<td>Low</td>
<td>ON</td>
<td>OFF</td>
<td>175mA</td>
</tr>
<tr>
<td>700-HL</td>
<td>Low</td>
<td>ON</td>
<td>OFF</td>
<td>350mA</td>
</tr>
<tr>
<td>525-HL</td>
<td>Normal</td>
<td>OFF</td>
<td>ON</td>
<td>350mA</td>
</tr>
<tr>
<td>350-HL</td>
<td>High</td>
<td>ON</td>
<td>ON</td>
<td>350mA</td>
</tr>
<tr>
<td>525-HL</td>
<td>High</td>
<td>ON</td>
<td>ON</td>
<td>525mA</td>
</tr>
<tr>
<td>700-HL</td>
<td>High</td>
<td>ON</td>
<td>ON</td>
<td>700mA</td>
</tr>
</tbody>
</table>
**REMOTE SENSOR OPTION WIRING**

- Wire luminaire based on the available electrical circuit. See diagrams below: Figure 1, 2 or 5 for luminaires with terminal block and Figure 3, 4 or 6 for luminaires without a terminal block.
- L1 or L2 leads from luminaire can be connected to the same phase or different phases.
- L1 or L2 leads can be switched together or independently depending on the application's requirements.
- L1 or L2 leads are the same as Phase 1 or Phase 2.

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**PHASE TO NEUTRAL**

1. **140-240 LED LUMINAIRES LINE 2 (175MA)**
   - Switch or Sensor supplied by customer

2. **120/277V or 347V**
   - Neutral Jumper

3. **140-240 LED LUMINAIRES LINE 2 (175MA)**
   - Switch or Sensor

   **PHASE TO PHASE**

   - 208/240/480V
   - Switch or Sensor
   - PHASE 1
   - PHASE 2
   - PHASE 3

   **PHASE 3**

   - Switch or Sensor

   **PHASE 2**

   - Switch or Sensor

   **PHASE 1**

   - Switch or Sensor

   **COMMON (WHITE)**

   **LED FIXTURE**

   - LINE 1 (175 mA)
   - LINE 2 (350 mA)
   - COMMON (WHITE)
   - COMMON (WHITE)
   - **Jumper Wire**

   **PHASE TO NEUTRAL**

   - Lead Located in Housing

   **PHASE TO PHASE**

   - Lead Located in Housing

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* 140-240 LED LUMINAIRES LINE 2 (175MA)
  - SWITCH OR SENSOR SUPPLIED BY CUSTOMER

**PHASE TO PHASE**

- L1 or L2 leads can be switched together or independently depending on the application's requirements.
- L1 or L2 leads are the same as Phase 1 or Phase 2.

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**PHASE TO NEUTRAL**

- 140-240 LED LUMINAIRES LINE 2 (175MA)
  - SWITCH OR SENSOR SUPPLIED BY CUSTOMER

**PHASE TO PHASE**

- L1 or L2 leads can be switched together or independently depending on the application's requirements.
- L1 or L2 leads are the same as Phase 1 or Phase 2.
5 PHASE TO PHASE 240V

[Diagram showing the connection between LED luminaire and phase to phase 240V]

+ 140-240 LED LUMINAIRES LINE 2 (175 MA)
* SWITCH OR SENSOR SUPPLIED BY CUSTOMER

6 PHASE TO PHASE 240V

[Diagram showing the connection between LED luminaire and phase to phase 240V]

+ 140-240 LED LUMINAIRES LINE 2 (175 MA)
* SWITCH OR SENSOR SUPPLIED BY CUSTOMER