

BLSDH Series

LED Surface/Suspended Ambient Luminaire

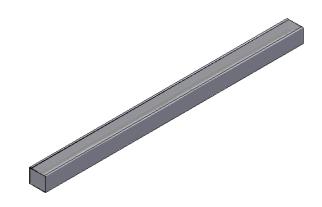
Important Safeguards

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

Read and follow all safety instructions

- Danger Risk of shock Disconnect power before installation
- 2. Product must be installed in accordance with CEC or your local electrical code. If you are not familiar with these codes and requirements, consult a qualified electrician.

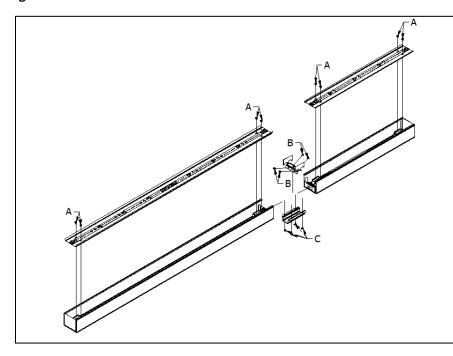
SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE



To Install:

Luminaire Row Mount Instructions

Figure 1.



Note: All screws are #8 x 1/4 Pan Screws

Step 1:

Remove LED module mount "A" screws

Step 2:

Connect Molex connector for through wiring.

Step 3:

Attach fixture together with provided internal row mount brackets using "B" screws.

Step 4:

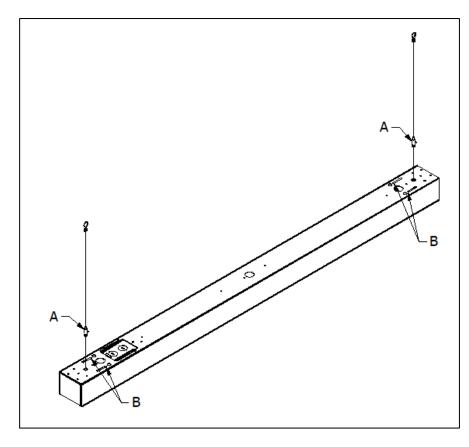
Using "C" screws, fasten row mount bracket to bottom of fixture.

Step 5:

Re-install LED Module mount and insert "lift and shift" lens.

Luminaire Mounting Instructions

Figure 2.



Pendant Mounting:

Step 1:

Screw Cable gripper into fixture (A)

Step 2:

Secure aircraft cable to ceiling structure.

Step 3:

Insert aircraft cable into cable gripper and adjust aircraft cable to desired mounting height (A).

Surface Mounting:

Step 1:

Remove lens and LED module mount screws (see figure 1)

Step 2:

Screw fixture into ceiling structure using the slots in the fixture body (B).

Step 3.

Re-install LED module mount and lens.

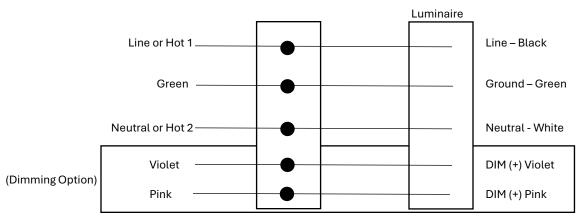
120-277 Electrical Connections

Step 1:

Make the following Electrical Connections:

For 120 -277V Applications make the following Electrical Connections:

- a. Connect the black luminaire lead to the line supply lead
- b. Connect the white luminaire lead to the neutral supply lead
- c. Connect the green or green/yellow ground lead to the supply ground lead or ground screw Dimming Option:
 - a. Connect the violet dimming positive lead to the supply dimming positive lead
 - b. Connect the pink dimming negative lead to the supply dimming negative lead



Step 2: Reinstall access panels for fixtures.

Electrical Disconnect Instructions

The above electrical connections for the line 1 and neutral are made using the electrical disconnect that is connected to the LED driver. The connections are made as follows below, note that the disconnect is color coded for circuit wiring.

- a. Black to Live
- b. White to Neutral

The intended wire sizes are as follows, with an 11-13 mm jacking length.

- a. 2 x AWG 18-12 solid wire per pole
- b. $2 \times AWG 16-12 \le 19$ stranded wire per pole

If a wire is connected incorrectly the only way to remove the wire is by twisting the electrical disconnect and pulling firmly on the incorrect wire.

