

# Installation Instructions

## LED Linear Strip

### ILL-S3 Series



#### WARNING Risk of Fire and Electric Shock.

The luminaire must be installed by a qualified electrician in accordance with applicable federal, state, and local laws and codes. Installation requires knowledge of luminaire electrical systems and installer should be familiar with the operation of this product. If not qualified, do not attempt installation; contact a qualified electrician. Manufacturer assumes no responsibility for the improper installation of this luminaire. When installing the fixture, drilling may damage luminaire wiring and electrical parts. Check for wiring and components in enclosure before drilling. Turn OFF power before installation or attempting any maintenance.

To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects. When installing this kit, drilling may damage luminaire wiring and electrical parts. Check for wiring and components in enclosure before drilling.



#### WARNING Risk of Burn.

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



#### WARNING Risk of Personal Injury.

Wear gloves or proper handling protection to prevent cuts or abrasions when handling and maintaining this product. This equipment may have sharp edges. To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards read all warning and instructions included with and on the fixture box and all fixture labels. Avoid direct eye exposure to the light source while it is on.

#### NOTICE

- Green ground screw provided in proper location. Do not relocate.
- Minimum 90°C supply conductors.
- Suitable for Dry or Damp location.
- Specifications and dimensions subject to change without notice.



Contact manufacturer with any questions or concerns regarding installation of this luminaire.

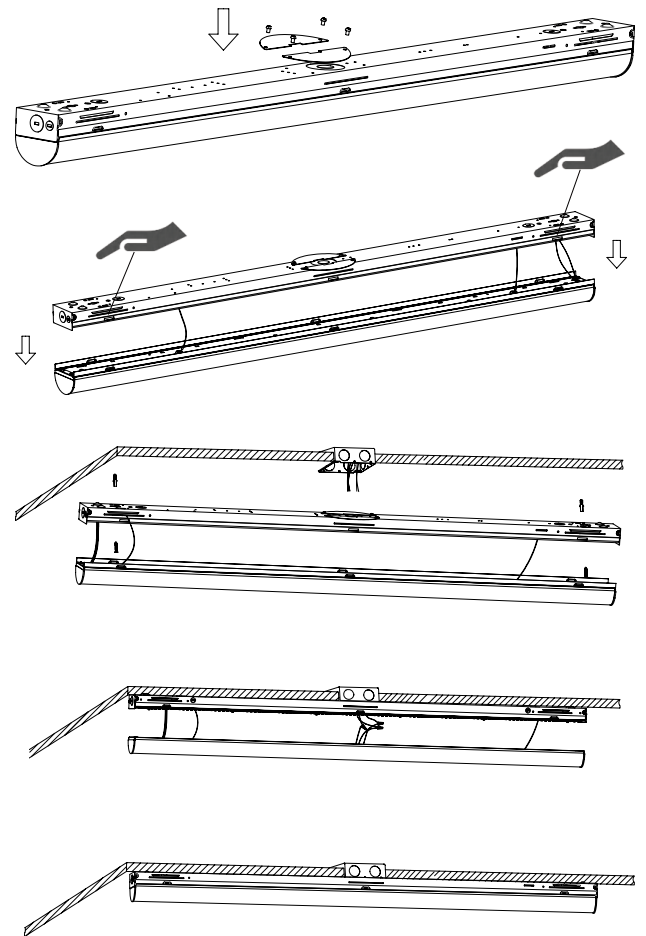
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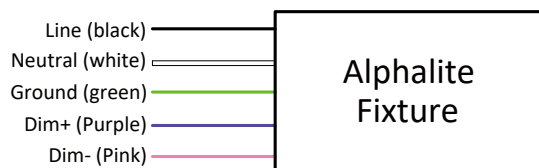
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### Surface Mount Installation steps:

1. Take out the fixture and accessories from the box
2. Fix the baffle on the back of fixture
3. Open the LED engine part down by pressing the area between the narrow strip hole and snap-lock.
4. Pull out the AC power cords and dimming wires from junction box and run it through the baffle and the knockout in the fixture housing. And then fix the housing to the ceiling by anchors and screws.  
Note. The distance between the holes for anchors:  
2FT fixture: 422mm (16.61")  
4FT fixture: 1060mm (41.73")  
8FT fixture: 2250mm (88.58")
5. Wiring according the wiring diagram.
6. Assemble the LED engine part upwards to complete the install.



### Wiring Diagram:



### **CAUTION**

1. Avoid direct eye exposure to the light source while it is on.
2. Account for small parts and destroy packing material, as these may be hazardous to children
3. Disconnect power and allow fixture to cool before changing bulb or handing fixture.

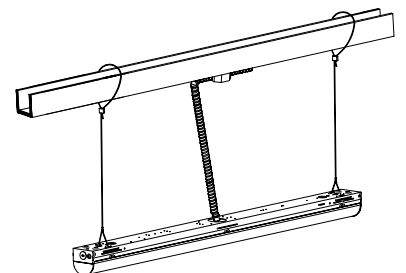
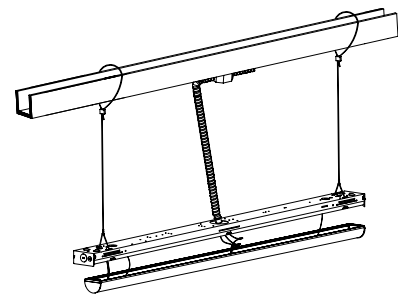
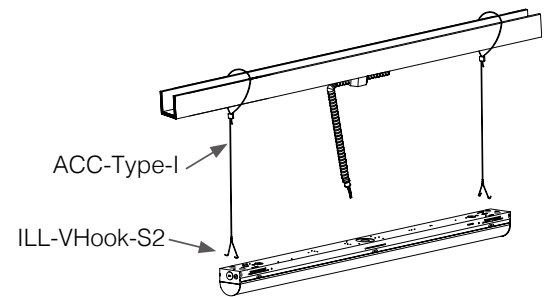
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### Suspension mount by aircraft steps: (ACC-Type-I aircraft and ILL-VHook-S2 order separately)

1. Clip the aircraft around a structural member of the building.  
Attach the ILL-VHook-S2 to the ACC-Type-I, and then attach the v-hooks to the holes of the housing to hang the fixture.
2. Open the fixture housing and fix the conduit to the outlet hole of fixture.
3. Wiring according the wiring diagram.
4. Assemble the LED engine part upwards to complete the install.



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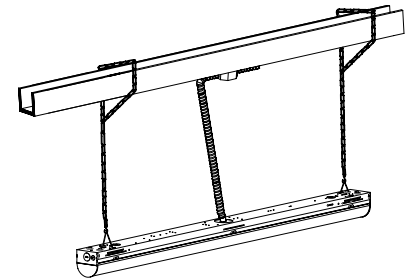
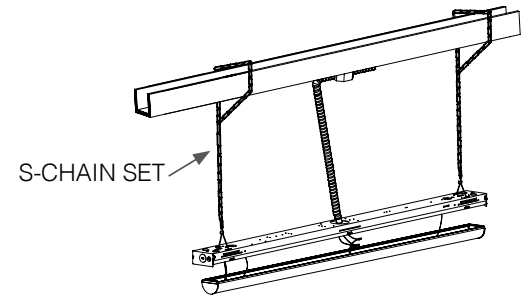
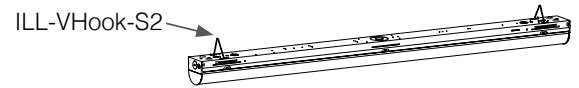
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### Suspension mount by chain steps: (S-CHAIN SET and ILL-VHook-S2 order separately)

1. Attach the ILL-VHook-S2 to the holes of the housing.
2. Clip the S-CHAIN SET around a structural member of the building.  
Attach the ILL-VHook-S2 to the S-CHAIN SET to hang the fixture.  
And then open the fixture housing and fix the conduit to the outlet hole of fixture.
3. Wiring according the wiring diagram.
4. Assemble the LED engine part upwards to complete the install.



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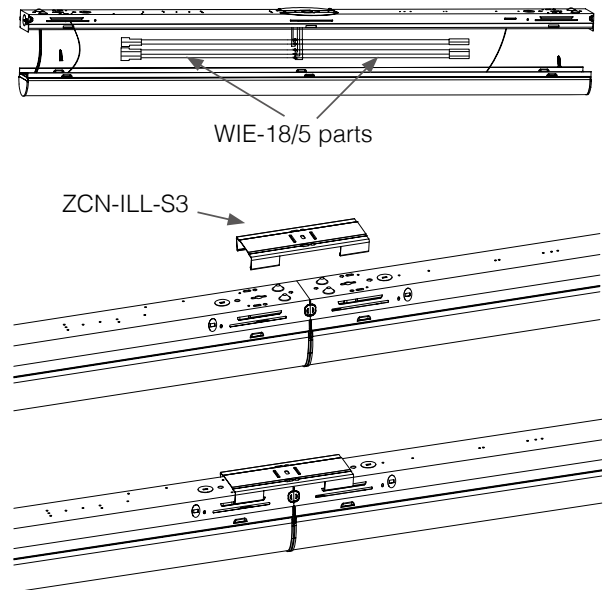
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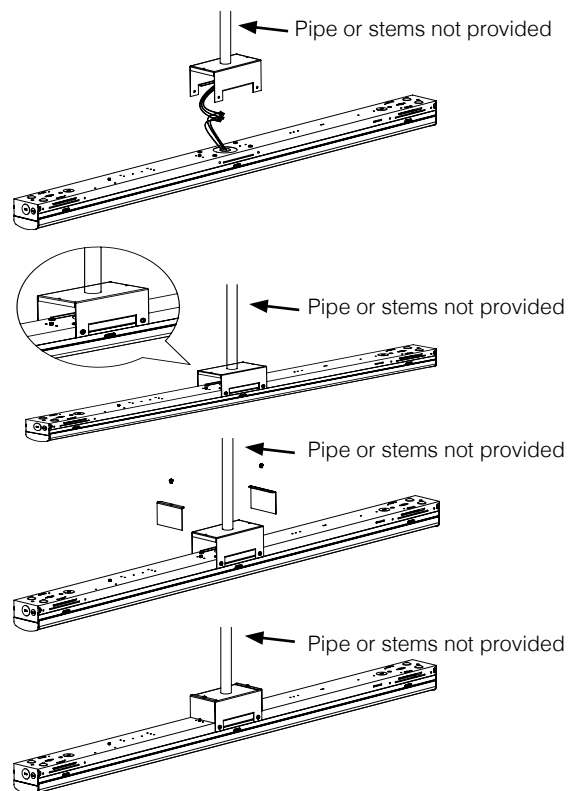
### Row connector installation steps: (ZCN-ILL-S3 and WIE-18/5 order separately)

1. Open the fixture housing and connect the quick connect cables (WIE-18/5 parts) to the fixture, 2pins for dimming wires, 3pins for AC wires.
2. Pass the quick connect cable through the knockouts to the another fixture, and quick connect with another cable (female to male).
3. Install the ZCN-ILL-S3 between the ends of two fixtures.
4. Assemble the LED engine part upwards to complete the linking.
5. Max load 420W per row for WIE-18/5 cable.



### Pendant mount installation steps: (For 4FT fixture only, ILL-S3-4-PMK order separately)

1. Install the box to the pipe end and make wiring connection.  
(Pipe not provided, and suitable for pipe  $\leq$  OD22mm or 0.86")
2. Secure the fixture to the box with screws.
3. Install the side-cover to the pendant box with screws.



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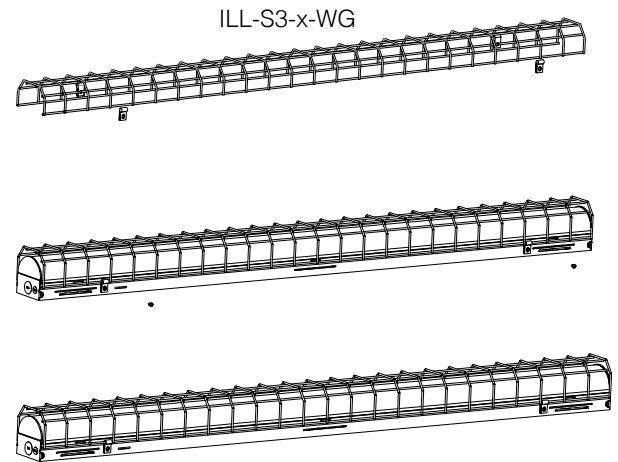
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### Wire Guards Installation Steps: (ILL-S3-x-WG order separately)

1. Insert the 4pcs chips onto the wire guard.
2. Fasten the chips by screws into the holes of fixture body to complete the install.



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