

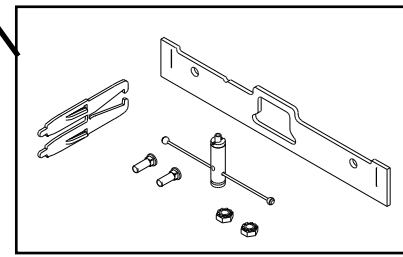
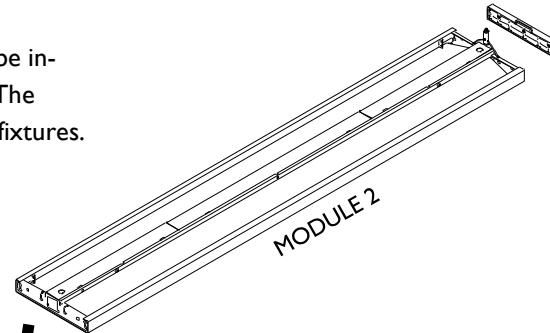
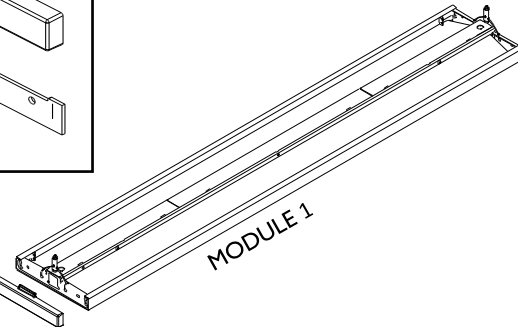
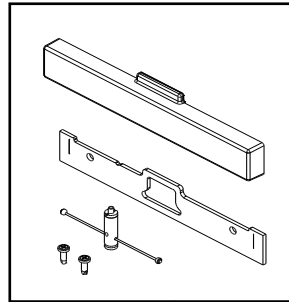
## System Overview

These instructions review how to install FloatPlane suspended fixtures. 4ft and 8ft modules can be installed as individual standalone units, or they can be joined together to create continuous runs. The graphics below show the components required to install a typical run of FloatPlane suspended fixtures.

**IMPORTANT: Read all instructions before beginning installation.**

### FloatPlane Endcap Kits

- Endcap
- Foam gasket
- Sling cable assembly
- #8-32 x 1/2" screws (x2)

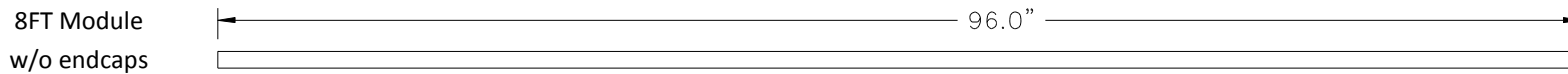


### FloatPlane Joint Kit(s)

- Sling cable assembly
- Joiner aligner pair
- Foam gasket
- #10-24 x 9/16" bolts (x2)
- #10-24 nuts (x2)

## Module Lengths

FloatPlane suspended fixtures with PoE come in 4ft and 8ft modules. Overall module lengths are shown below. Add 9/16" for each EDGE endcap or 1" for each CURVE endcap.



## Tools Required:

- Medium Flat blade Screwdriver
- Medium Phillips Screwdriver
- 3/8" Nut driver

## Mount Spacing

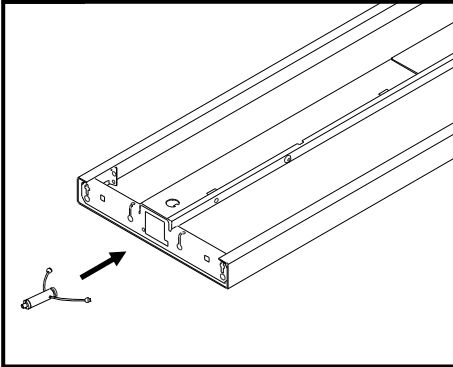
FloatPlane fixture modules are designed for exact on-grid mounting.

**! ATTENTION: Install in accordance with national and local building and electrical codes.**

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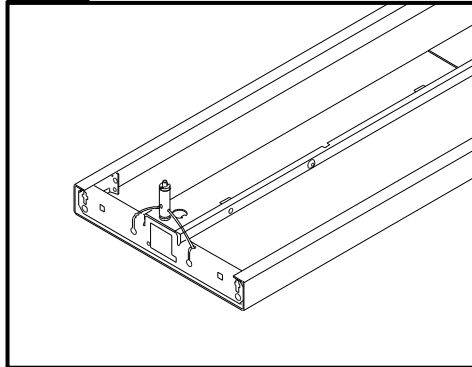
**1** Arrange boxed fixture on floor in specified mounting location, remove fixtures from boxes. Install all ceiling mounting components and vertical aircraft cables using separate installation instruction for Aircraft Cable Mounting (supplied).

**2a** Install cable gripper



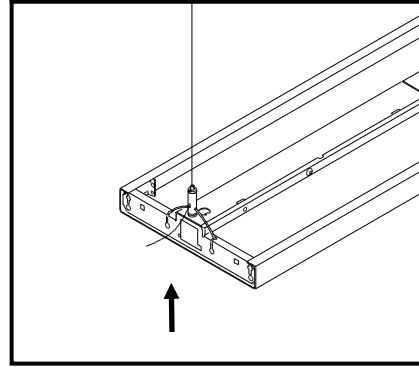
Insert sling cable gripper into crossplate holes as shown.

**2b**



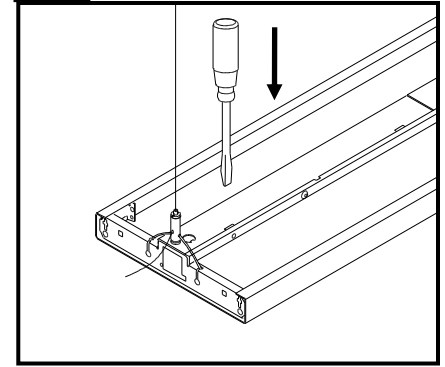
Pivot the cable gripper up. Repeat at other end of light fixture.

**3** Suspend fixture



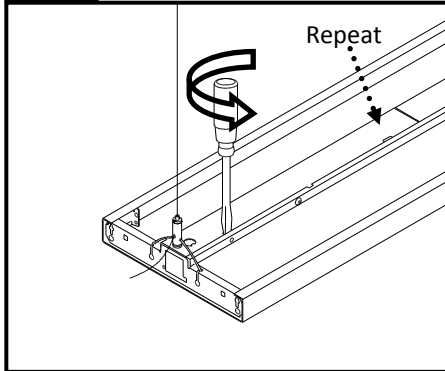
With 2 people, raise the fixture up to the suspension cables and feed through grippers. Set fixture to desired height.

**4a** Open access panel



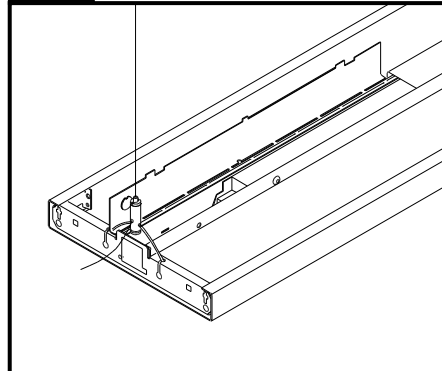
Identify power feed location on fixture. Insert a medium size flat blade screwdriver into slots on access panel.

**4b**



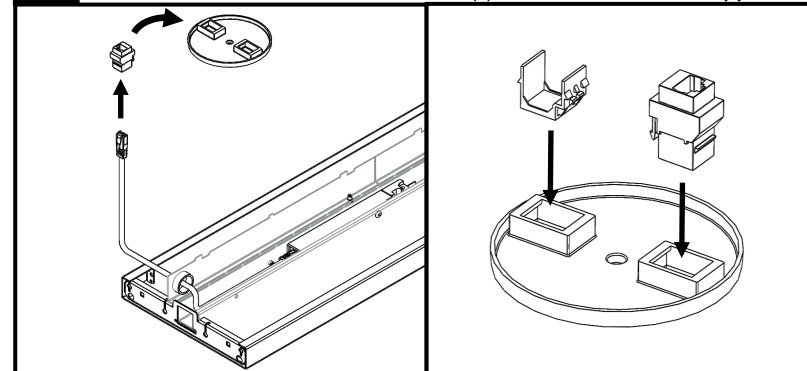
Twist the screwdriver and the tab on the access panel will POP UP. Repeat steps 4 at the other tab on the access panel.

**4c**



Open the electrical panel to access the wiring cavity.

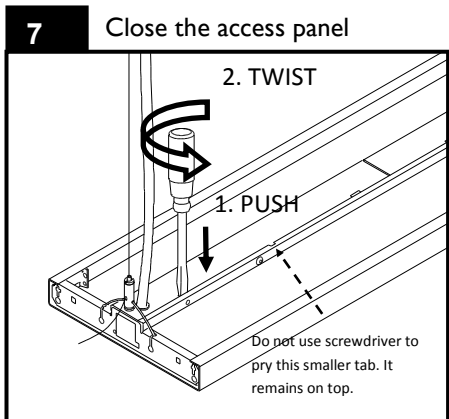
**5** Move female to female connector(s) from fixture to canopy



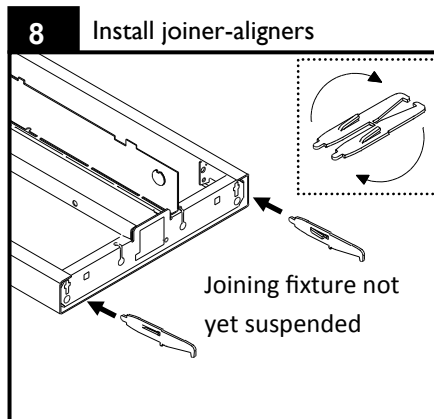
Identify number of Ethernet connections to be made at mount location. Remove the female to female connector(s) from the cable attached to the fixture and install into the canopy. Insert supplied plug into any non-used port.

**!** **ATTENTION: Install in accordance with national and local building and electrical codes.**

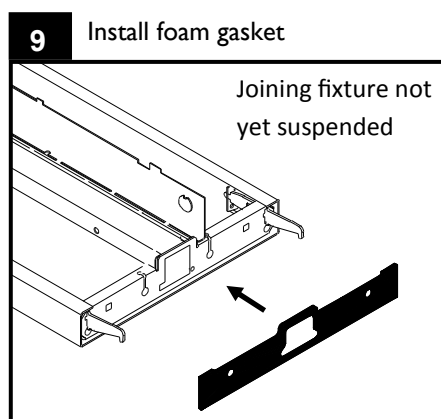
Page 2



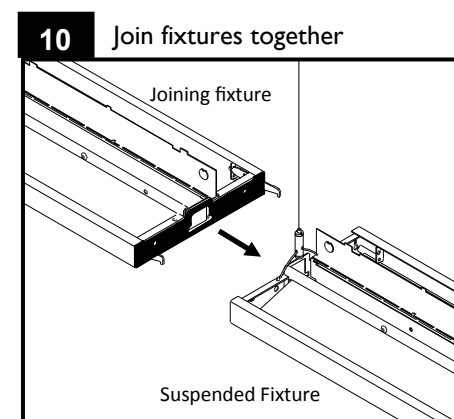
Ensure the electrical connectors are tucked inside the wire cavity. Push down on the lid while simultaneously twisting the flat blade screwdriver, the panel tab will lock into place. Repeat at the other screwdriver slot location. For standalone fixtures skip ahead to step 12.



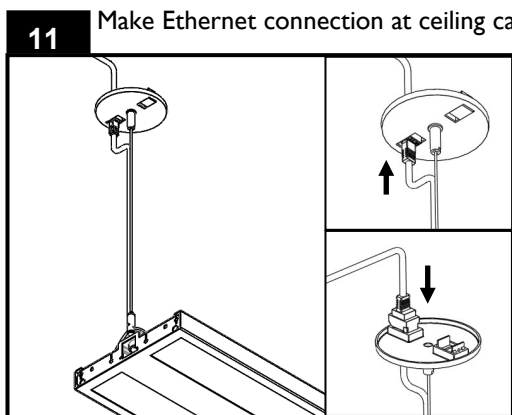
Prepare the joining fixture by twisting apart the joiner pair and inserting into crossplate (DO NOT INSERT INTO THE FIXTURE ALREADY SUSPENDED). Open the wire access panel of the joining fixture.



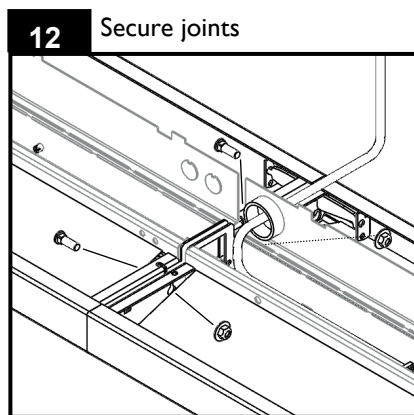
Insert the foam gasket onto the fixture end. Slide the gasket over joiner pair and ensure the gasket is firmly seated inside the housing.



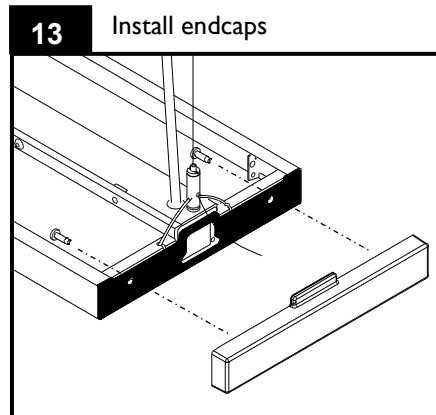
With two people, insert the joining fixture into the suspended fixture. The joiner pair will engage into the suspended fixture crossplate. Support the other end of the joining fixture with a suspension cable as in steps 2-3.



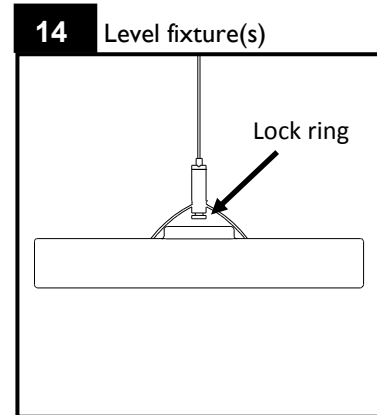
Insert male ends of the Ethernet cable into the canopy female connectors. Secure the Ethernet cable to aircraft cable.



Ensure both fixtures are horizontal and suspended at the same height. Snug jointing nuts using 3/8" nut driver and align the fixture housings for best aesthetic before final tightening. Close all wire access panels (step 7) when complete.



Insert the foam gasket onto the fixture end and ensure the gasket is firmly seated inside the housing. Using supplied Phillip screws, snug the endcap in place. Align the endcap to fixture housing before final tightening. Cut excess suspension cable if necessary.



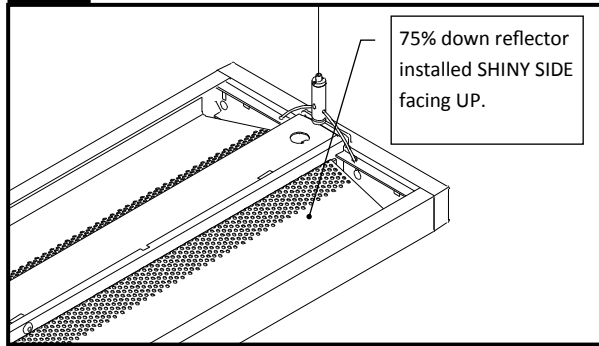
Loosen cable gripper lock ring, adjust sling mount(s) to level fixtures. Tighten lock ring when complete at all mount locations. Cut excess suspension cable if necessary.

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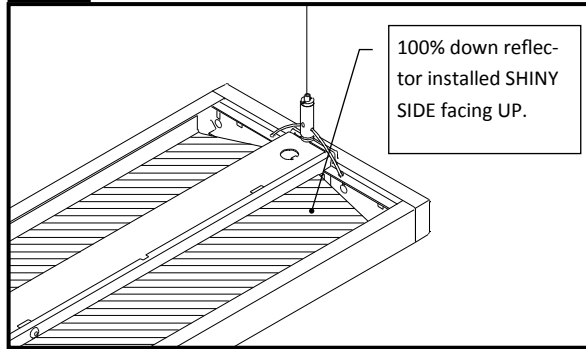
### ADDITIONAL INFORMATION

#### A Optional 75% down reflector



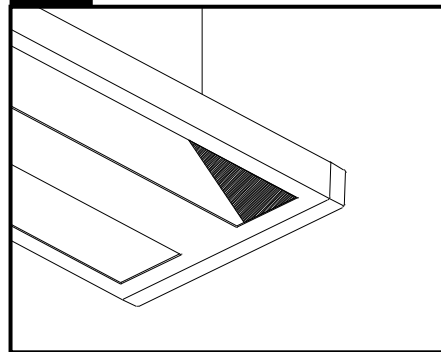
FloatPlane Fixtures available with a factory installed, perforated 75% down reflector. For best optical performance, reflector must be installed as shown, SHINY SIDE facing UP. Note the 75% down reflector is installed on top of clear acrylic upper diffuser.

#### B Optional 100% down reflector

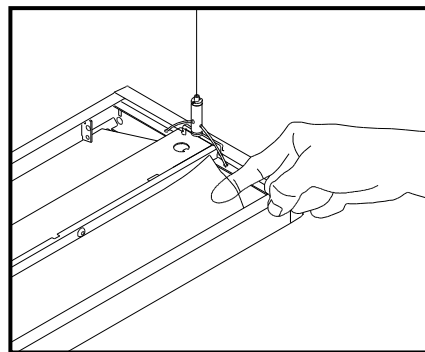


FloatPlane Fixtures available with a factory installed, solid 100% down reflector (shown as hatched lines). For best optical performance, reflector must be installed SHINY SIDE facing UP. Note the 100% down reflector is installed on top of clear acrylic upper diffuser.

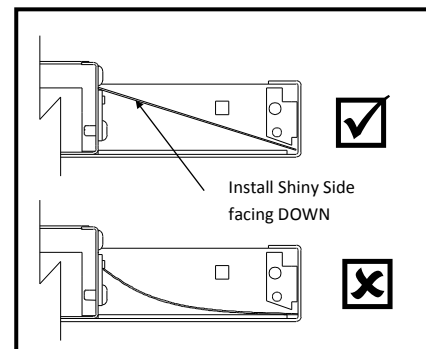
#### C Removing & re-installing the upper diffuser



If the fixture is mis-handled during installation, a shadow may appear in the luminous window. This is caused by the upper diffuser being pushed below the LED.



Insert finger underneath the upper diffuser and gently pry the panel free along the length.



Re-install the upper diffuser (SHINY SIDE facing DOWN). If applicable, install optional 75 or 100% downlight reflectors on top of upper diffuser in correct orientation.