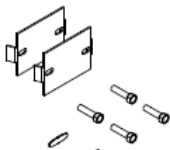


System Overview

These instructions review how to install TruGroove recessed fixtures in T-Grid Ceilings. For continuous run lengths, please refer to layout drawings supplied by Philips Ledalite in conjunction with these installation instructions. The graphic below shows the components required to install a run of TruGroove fixtures in T-Grid ceilings.

TruGroove joint kit(s)*

- Joiner Aligners (x2)
- Joining Brackets (x2)
- Hex Bolts (x4)

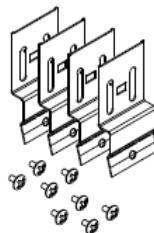


*NOTE:

One (1) kit required for each module

TruGroove hangar kit(s)*

- Bracket (x4)
- Screws (x8)



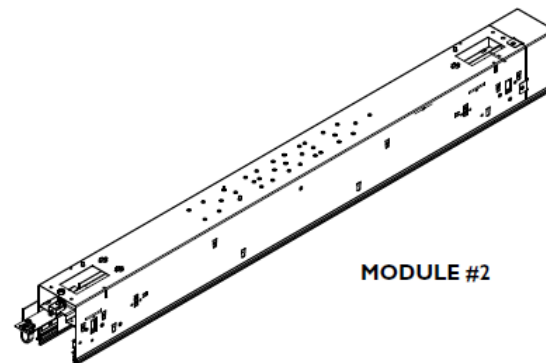
*NOTE:

One (1) kits required per fixture.
Two (2) kits required per corner.

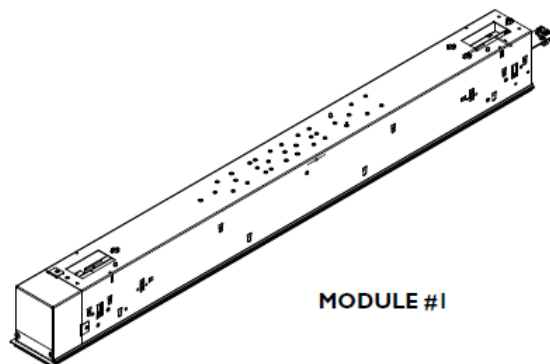
Tools Required: Philips screwdriver, 3/8" nut driver.

Prepare Fixtures/Reference Layout Drawings

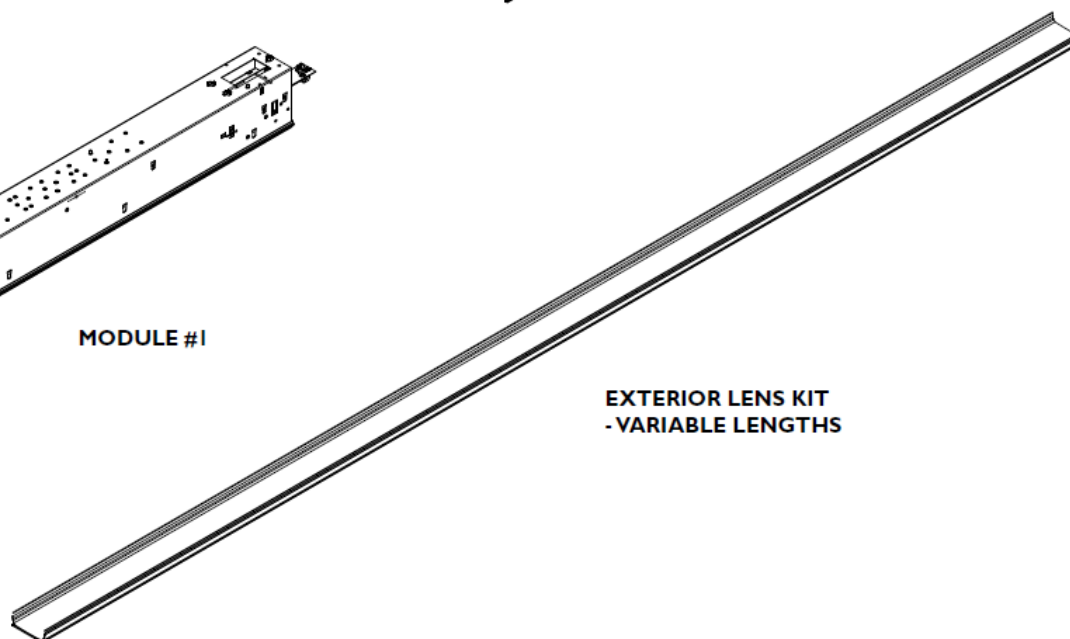
Arrange boxed fixtures on floor in specified mounting locations, based on supplied layout drawings. Remove fixtures from boxes. Remove plastic from fixtures. Match up each fixture and lens based on the spec tag and ID number labelled on each fixture box for the specified run.



MODULE #2



MODULE #1



EXTERIOR LENS KIT
- VARIABLE LENGTHS



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

Page 1

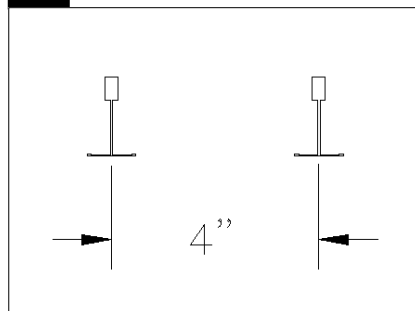
1 Prepare fixtures / Install ceiling mounting components

Arrange boxed fixtures on the floor in specified mounting locations; remove fixtures from boxes.

Install all ceiling mounting components and vertical aircraft cables using separate installation instructions for Aircraft Cable Mounting (supplied).

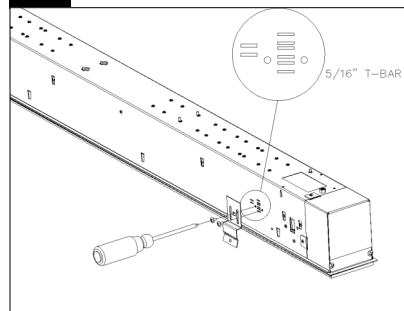
NOTE: If conditions are dusty/dirty, recommended practice is to leave fixtures in their plastic bag. Cut small holes in bag as needed to complete the following installation sequence, and then completely remove the bag from the fixture when conditions are clean.

2 Prepare ceiling



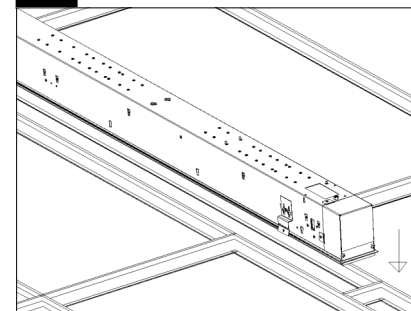
Application drawings will detail fixture row lengths plus a constant adder of 1/4" to center cross T's

3 Prepare fixture before install in ceiling



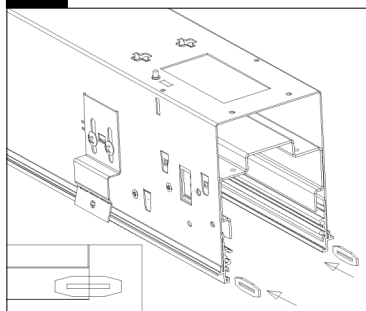
Install T-Bar mounting brackets to required height

4 Drop fixture into ceiling



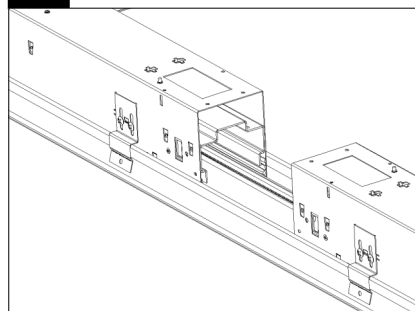
Lift and install the first fixture (or standalone) from above the T-Bar grid

5 Install joiners into fixture ends



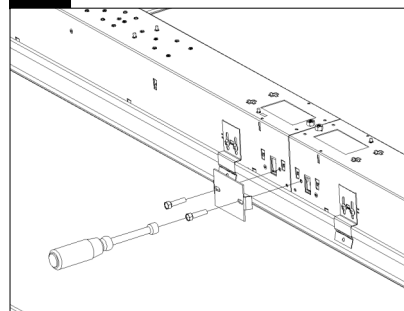
In the joining fixture install the joiner aligners into the trim extrusion to approximately half way.

6 Add fixtures to row (if applicable)



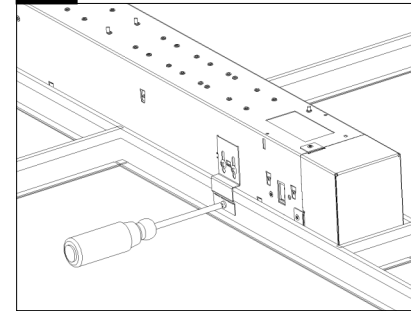
Install the joiner fixture into the T-Bar grid from above. Complete wiring and slide the fixtures together.

7 Join fixtures



Install side attachment brackets with 3/8" nut driver

8 Secure fixture(s) to grid



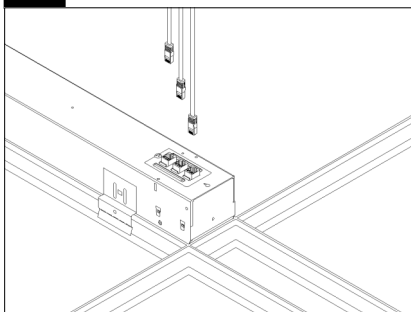
After run has been installed secure the fixture (run) to the T-Bar



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

9

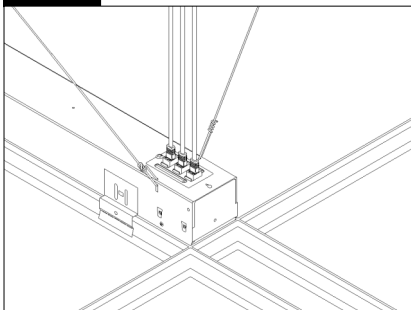
Attach Ethernet cables



Install wire access covers to close the fixture. Plug in ethernet cables (amount will vary by configuration)

10

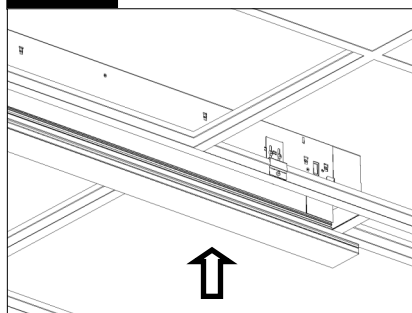
Attach seismic supports



Install seismic restraints as per local building codes requirements

11a

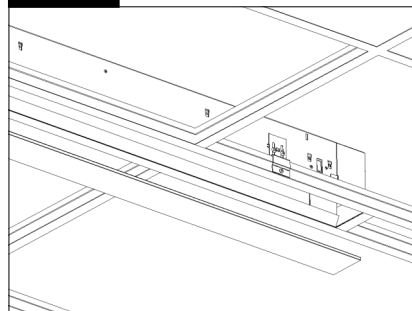
Flush lens option



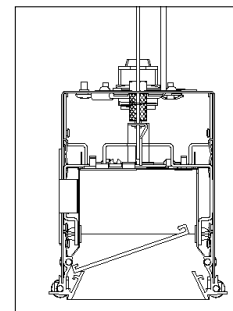
Install flush lens by pressing lens up into the fixture previously secured into the ceiling grid

11b

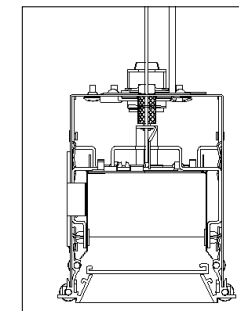
Regressed lens option



Install regressed lens into fixture previously secured into ceiling grid



Lift lens into light cavity



Shift lens into place



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

Page 1