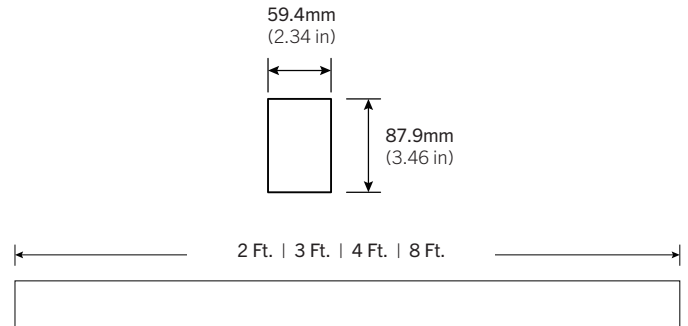


INSTALLATION GUIDE



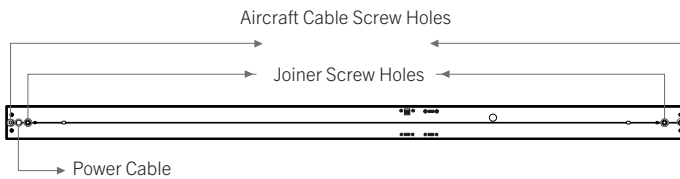
DIMENSIONS



PRE-INSTALLATION

Suspended Mount

Disconnect power source prior to installation.



SAFETY

Read all instructions before installation.

These products may present a possible shock, serious injury, or death if improperly installed.

Do not install in wet locations.

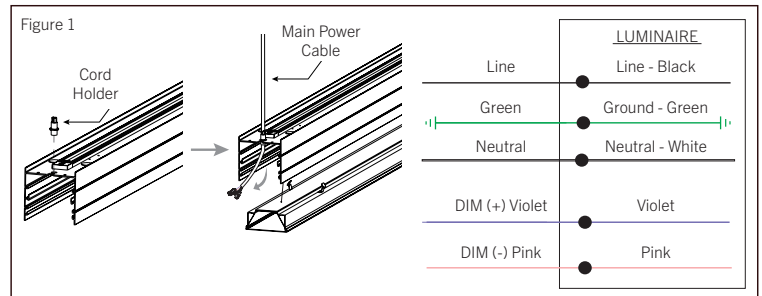
Do not cover fixture with heat insulation gasket or similar materials.

- Product should be installed by a qualified electrician.
- Product should be installed in accordance with these instructions and current electrical codes.
- To reduce the risk of fire or overheating, all connections should be tight and secure.

STRAIGHT RUN INSTALLATION

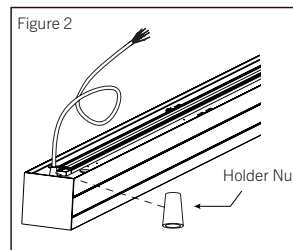
STEP 1

Insert the cord holder into the power cable hole. Thread the main power cable through the cord holder, and secure the LED modular to the housing with safety cable. Connect the wires with the corresponding colors. (Figure 1)



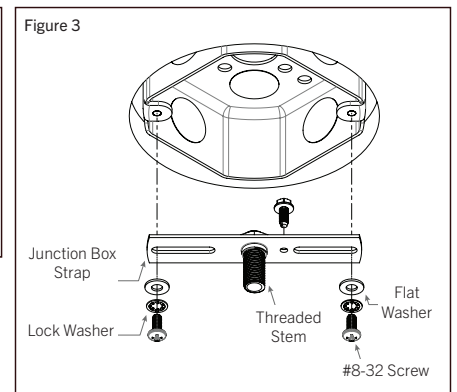
STEP 2

Secure the power cord in place with a holder nut. Insert the LED modular into the housing and attach end caps. Secure in place with screws. (Figure 2)



STEP 3

Using two #8-32 Screws, Lock and Flat Washers, fasten the included Junction Box Strap to the Junction Box. Thread the threaded stem through the junction box strap; leaving 3/4" from the surface of the ceiling exposed. Secure in place with included jam nut on the top-side of the Junction Box Strap. (Figure 3)



STRAIGHT RUN INSTALLATION (CONT.)

STEP 4

2" Canopy Non-Power Feed

Install 1/4"-20 anchor onto ceiling. Fasten threaded stem making sure that the bottom protrudes approximately 3/4" from the surface of the ceiling. Insert non-power feed canopy over the stem, and secure the canopy in place by threading the cable coupler and suspension cable onto the protruding stem.

5" Canopy Non-Power Feed

Install 1/4"-20 anchor onto ceiling. Fasten threaded stem making sure that the bottom protrudes approximately 3/4" from the surface of the ceiling. Insert non-power feed canopy over the stem, and secure the canopy in place by threading the cable coupler and suspension cable onto the protruding stem. (Figure 4)

**Tight enough for a secure fit, but not tight enough to damage the canopy.*

STEP 5

Loosen the cable gripper and feed the suspension cable into the top of the cable gripper.

STEP 5

5" Canopy with Power Feed

Place power feed canopy over the stem, and secure the canopy in place by threading the cable coupler and suspension cable onto the protruding stem. Route the power cord up to the junction box and make all the necessary connections. (Figure 5)

STEP 6

Secure the power cord in place with the Strain Relief Bushing. Press firmly into place on the Powerfeed Canopy. (Figure 6)

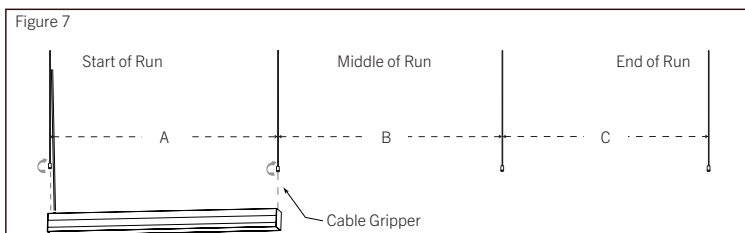
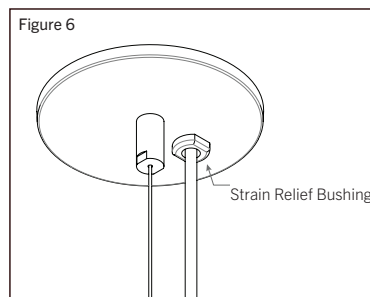
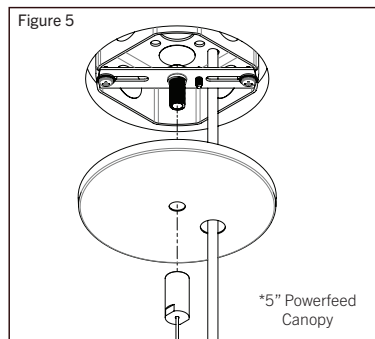
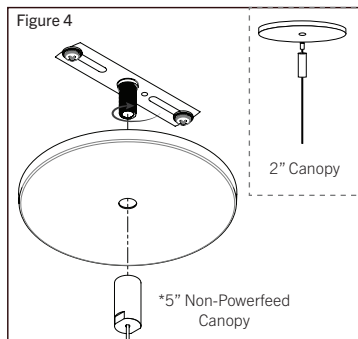
STEP 6

Screw the bottom of the aircraft cables clockwise and secure on top of the housing in order to hang the fixture. (Figure 7)

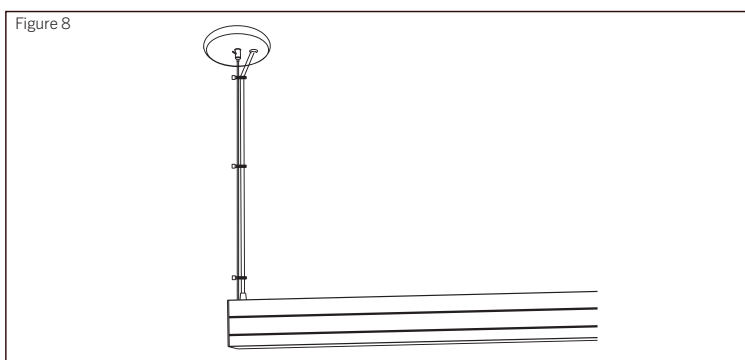
**Adjust the height of the luminaire. The luminaire can be raised by pulling the cable through the gripper and can be lowered by depressing the top cylinder on the gripper which pulls the luminaire down.*

STEP 7

Using a cable tie, secure the main power cable wire against the aircraft cable. (Figure 8)



SINGULAR FIXTURE		MULTIPLE FIXTURES			
FROSTED REGRESSED WALL WASHER		FROSTED REGRESSED WALL WASHER			
Fixture Length	A (FT.)	Fixture Length	A (FT.)	B (FT.)	C (FT.)
2 Ft.	1.92	2 Ft.	1.94	1.96	1.94
3 Ft.	2.92	3 Ft.	2.94	2.96	2.94
4 Ft.	3.92	4 Ft.	3.94	3.96	3.94
8 Ft.	7.88	8 Ft.	7.90	7.92	7.90
LOUVER MICRO REFLECTOR		LOUVER MICRO REFLECTOR			
Fixture Length	A (FT.)	Fixture Length	A (FT.)	B (FT.)	C (FT.)
2 Ft.	1.93	2 Ft.	1.95	1.97	1.95
3 Ft.	2.92	3 Ft.	2.94	2.95	2.94
4 Ft.	3.90	4 Ft.	3.92	3.94	3.92
8 Ft.	7.84	8 Ft.	7.86	7.87	7.86



STRAIGHT RUN INSTALLATION (CONT.)

STEP 8

Repeat steps 1-6 if installing more than one fixture.

Line Joiner

If creating a continuous run using a Straight Joiner (ECH-S300-ST), add the straight joiner to the continuing end of the fixture housing. Secure in place with the appropriate screw. (Figure 9A)

**Tight enough for a secure fit, but not tight enough to damage the fixture housing.*

**Wiring must connect with corresponding colors as shown. (Figure 9B)*

STEP 9

Attach the end caps the start and end of the fixture run. (Figure 10)

Figure 8A

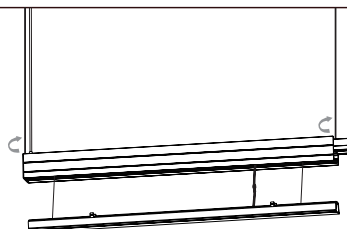


Figure 9B

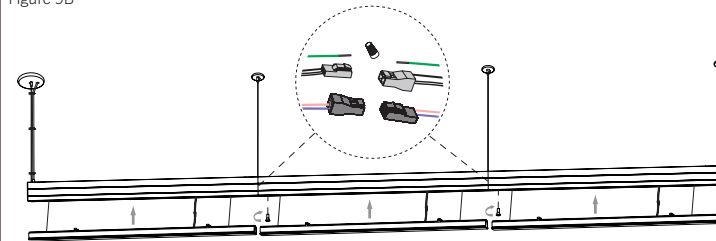
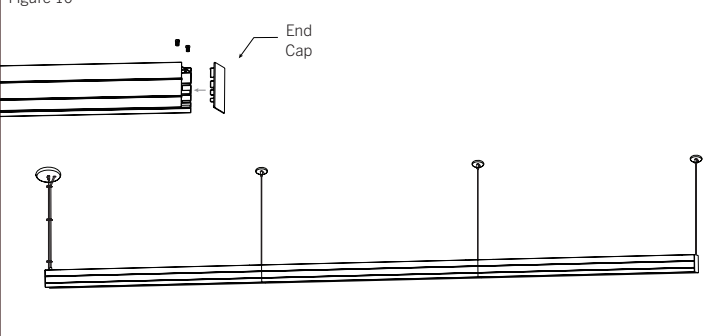


Figure 10



L-SHAPE INSTALLATION

See steps 1-6 of Straight Run Installation before beginning L-Shape Installation.

STEP 1 L-Shaped Joiner

If creating a continuous run using an L-Shaped Joiner (ECH-S300-LJ9), insert the "L" joiner to the first housing (Start of run). (Figure 1)

STEP 2

Loosely secure the "L" joiner to the housing using a screw at the end of the LED module (Start of run) (Figure 2)

**Repeat on opposite end of "L" joiner for the end of run.*

STEP 3

Wire accordingly, connecting all connectors with corresponding colors. (Figure 3)

STEP 4

Completely screw in the "L" joiner to the housing at the end of the LED module (Start of run) (Figure 4)

STEP 5

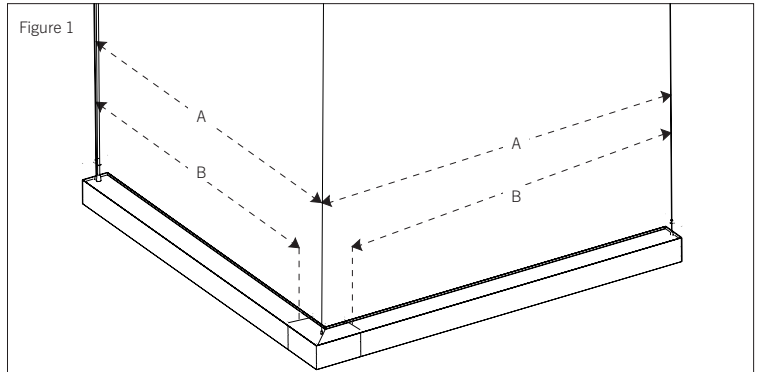
Insert all the LED modules into the housing from the Start of Run to the End of Run in turn. (Figure 5)

STEP 6

Using a cable tie, secure the main power cable wire against the aircraft cable.

STEP 7

Attach the end caps the start and end of the fixture run.



FROSTED REGRESSED WALL WASHER		LOUVER MICRO REFLECTOR
Fixture Length	A (FT.)	B (FT.)
2 Ft.	2.04	2.05
3 Ft.	3.04	3.03
4 Ft.	4.04	4.02
8 Ft.	8.00	7.96

