

## System Overview

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

### Jump joint kit(s)\*

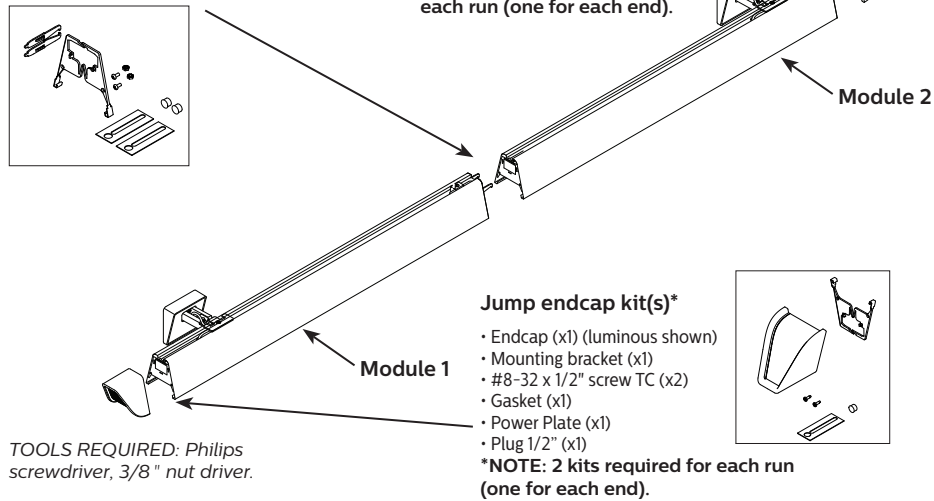
- A/C mounting bracket (x1)
- Break apart joiner aligner (x1)
- #8-32 x 1/2" screw (x2)
- #8-32 Hex Nut (x2)
- Gasket (x1)
- Power Plate (x2)
- Plug 1/2" (x2)

**\*NOTE: 1 kit required for each in-run joint.**

### Cantilever mount kit(s)\*

- 1/4-20 x 5/8" hex washer screw (x1)
- 1/4-20 x 5/8" screw (x1)
- 10-24 hex lock nut (x1)
- 1/4 countersink toothed washer (x1)
- Cantilever mount cover (x1)
- Fixture mount bracket (x1)
- Cantilever arm bracket (x1)

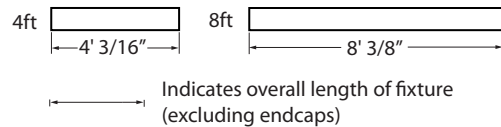
**\*NOTE: 2 kits required for each run (one for each end).**



TOOLS REQUIRED: Philips screwdriver, 3/8" nut driver.

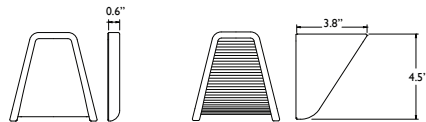
## Module Lengths

Jump cantilever systems come in 4ft and 8ft modules. Overall module lengths are shown below. Module lengths do not include endcaps.

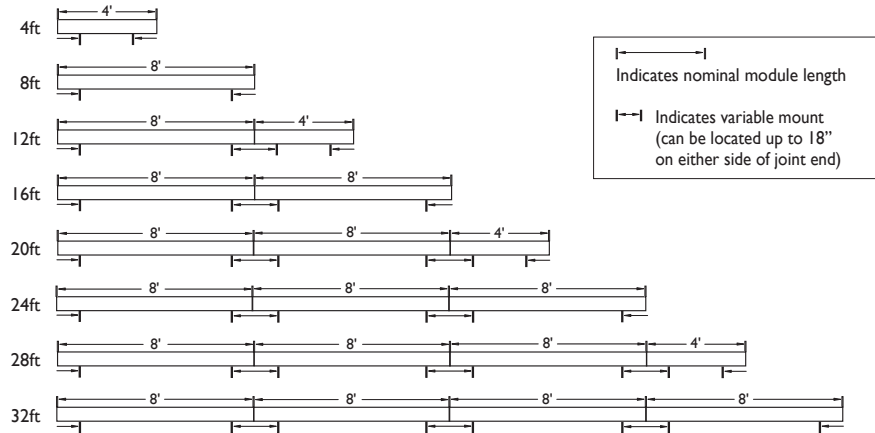


## Endcaps

Add two endcaps to the length of each run.



## Mount Spacing



## Run Configurations

The tables below indicate how 4ft and 8ft modules can be combined to create continuous runs of various lengths.

Nominal Row Length	Number of Modules Required		Installed Row Length (not including end caps)
	4'	8'	
4'	1x		4' - 3/16"
8'		1x	8' - 3/8"
12'	1x	1x	12' - 9/16"
16'		2x	16' - 3/4"
20'	1x	2x	20' - 15/16"
24'		3x	24' 1 - 1/16"
28'	1x	3x	28' 1 - 1/4"
32'		4x	32' 1 - 7/16"
36'	1x	4x	36' 1 - 5/8"
40'		5x	40' 1 - 13/16"
44'	1x	5x	44' 1"
48'		6x	48' 2 - 3/16"

Nominal Row Length	Number of Modules Required		Installed Row Length (not including end caps)
	4'	8'	
52'	1x	6x	52' 2 - 3/8"
56'		7x	56' 2 - 9/16"
60'	1x	7x	60' 2 - 11/16"
64'		8x	64' 2 - 7/8"
68'	1x	8x	68' 3 - 1/16"
72'		9x	72' 3 - 1/4"
76'	1x	9x	76' 3 - 7/16"
80'		10x	80' 3 - 5/8"
84'	1x	10x	84' 3 - 13/16"
88'		11x	88' 3"
92'	1x	11x	92' 4 - 3/16"
96'		12x	96' 4 - 3/8"
100'	1x	12x	100' 4 - 1/2"

\*Overall run lengths provided do not include endcaps. Add two endcaps to the overall length of each run.

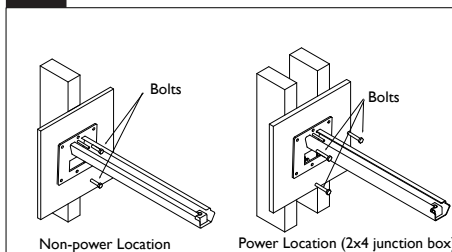


**ATTENTION: Install in accordance with national and local building and electrical codes.**

## 1 Prepare Fixtures

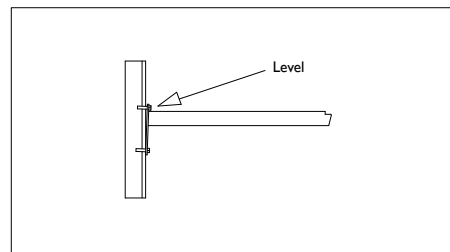
Arrange boxed fixtures on floor in specified mounting locations; remove fixtures from boxes.

## 2 Attach Brackets to Wall

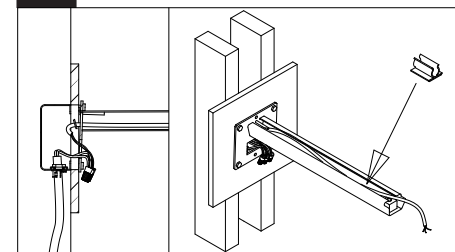


Attach brackets to wall using appropriate hardware (1/4" fastener recommended). Insure structure can support the weight of the fixture at 3.5lbs/ft. Install using two center holes for non-power locations and use 4 outer holes for power locations. Power locations require a vertically oriented 2"x4" recessed utility box (supplied by others). Use a spirit level and adjust mounting screws to level brackets.

Level the bracket by loosening or tightening the top screw or screws that hold the bracket to the structure.

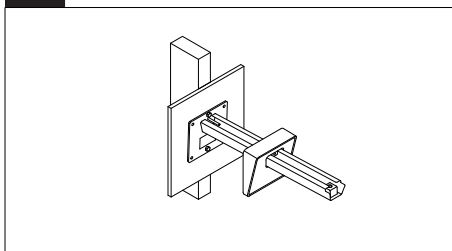


## 3 Complete Electrical Connection in Wall

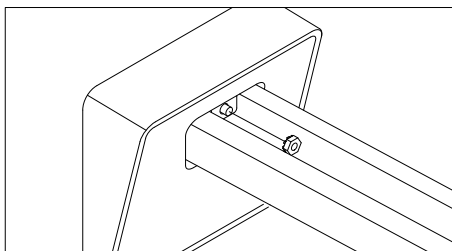


(Power locations only) Feed power cable through 1/2" hole in mounting bracket. Complete electrical connection to junction box through square cut out in mounting bracket. Use supplied cable clips to secure the power cable to the interior of the mounting channel at 4" increments.

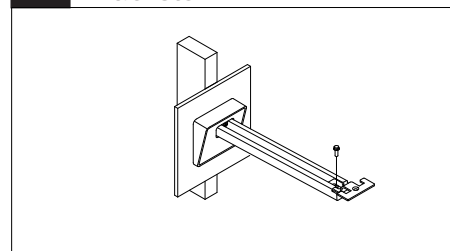
## 4 Slide on Wall Covers



Slide on Wall covers and use supplied #8 lock-nut to secure to cantilever arm bracket, (non-power mount shown).

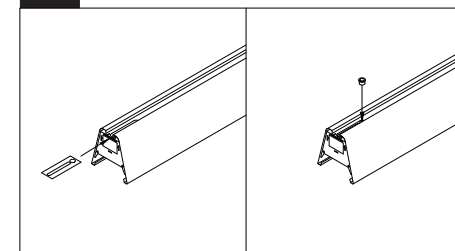


## 5 Attach Fixture Hanging Brackets



Attach fixture mount brackets to cantilever arm brackets using supplied 1/4"-20 bolts. Do not fully tighten.

## 6 Slide Power Plates into Fixture

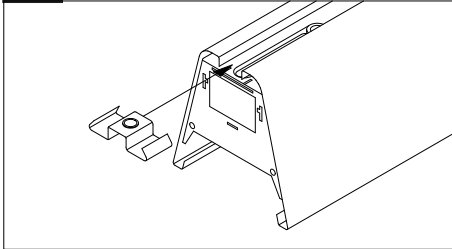


On the floor, slide power plates into fixture ends. Attach supplied bushings in power locations and plugs in non-power locations.

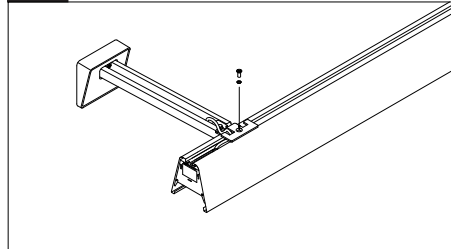


**ATTENTION:** Install in accordance with national and local building and electrical codes.

## 7 Install Mounting Bracket

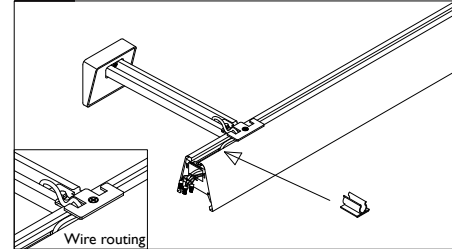


## 8 Attach the Fixture to the Bracket



Raise fixture to brackets and use the supplied countersunk screw with countersunk washer to attach the fixture to the bracket. Adjust fixture hanging brackets so fixture is flush with cantilever arm and tighten.

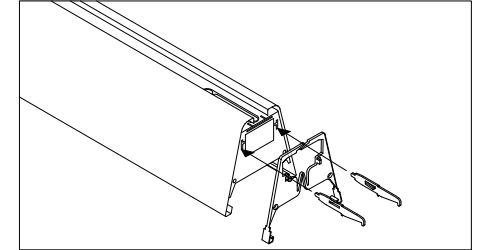
## 9 Run and Secure Power Cables



Run power cable in fixture channel and through power plate at the end of the fixture. Secure power cable into fixture channel using supplied cable clips at 4" increments.

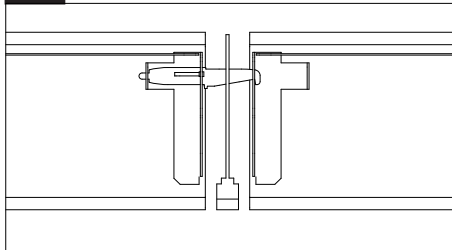
Complete power connections using cut out in end of fixture.

## 10 Attach Joiner Aligner Brackets



On the floor, slide variable mount bracket into next fixture in run. Attach joiner-aligner brackets into opposite side.

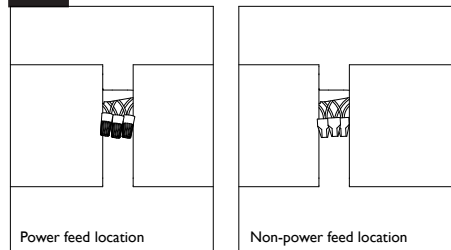
## 11 Suspend and Join Additional Fixtures in Row



Raise next fixture to cantilever bracket and insert the joiner aligners into the corresponding slots on the already installed fixture.

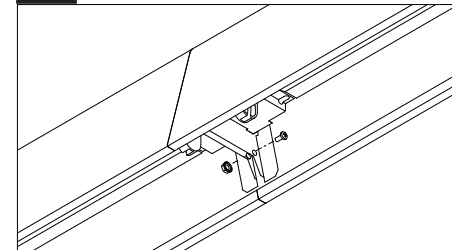
Attach variable mount bracket to next cantilever arm as per steps 6-9.

## 12 Complete Power Connections



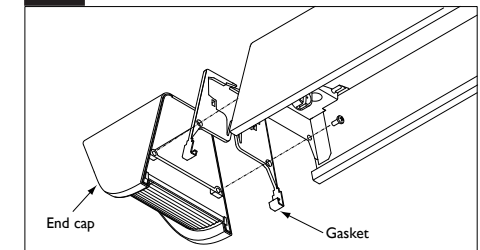
Complete power connections between fixtures.

## 13 Finishing

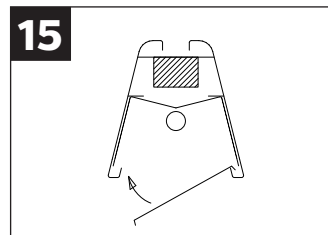


Join fixtures using supplied #8 screws and lock-nuts. Repeat steps 8-12 for each fixture in run.

## 14 Attach End Cap



Snap gasket to the end of the fixture and attach end caps using supplied #8 screws.



Install lenses as shown.



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