BoldPlay Wall

## **Installation Instructions**
ID_7808_BoldPlay_Wall_LED

Standalone or continuous run configurations

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System Overview

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

BoldPlay Right Endcap Kit
1x right endcap
2x 1/2" plugs
2x #8-32 x 3/8" screw

BoldPlay Joint Kits
2x 1/2" plug
2x #10-24 lock nut
2x #10-24 x 9/16" bolt
1x gasket

BoldPlay Left Endcap Kit
1x left endcap
2x 1/2" plugs
2x #8-32 x 3/8" screw

BoldPlay Power Kits
1x j-box cover
1x strain relief
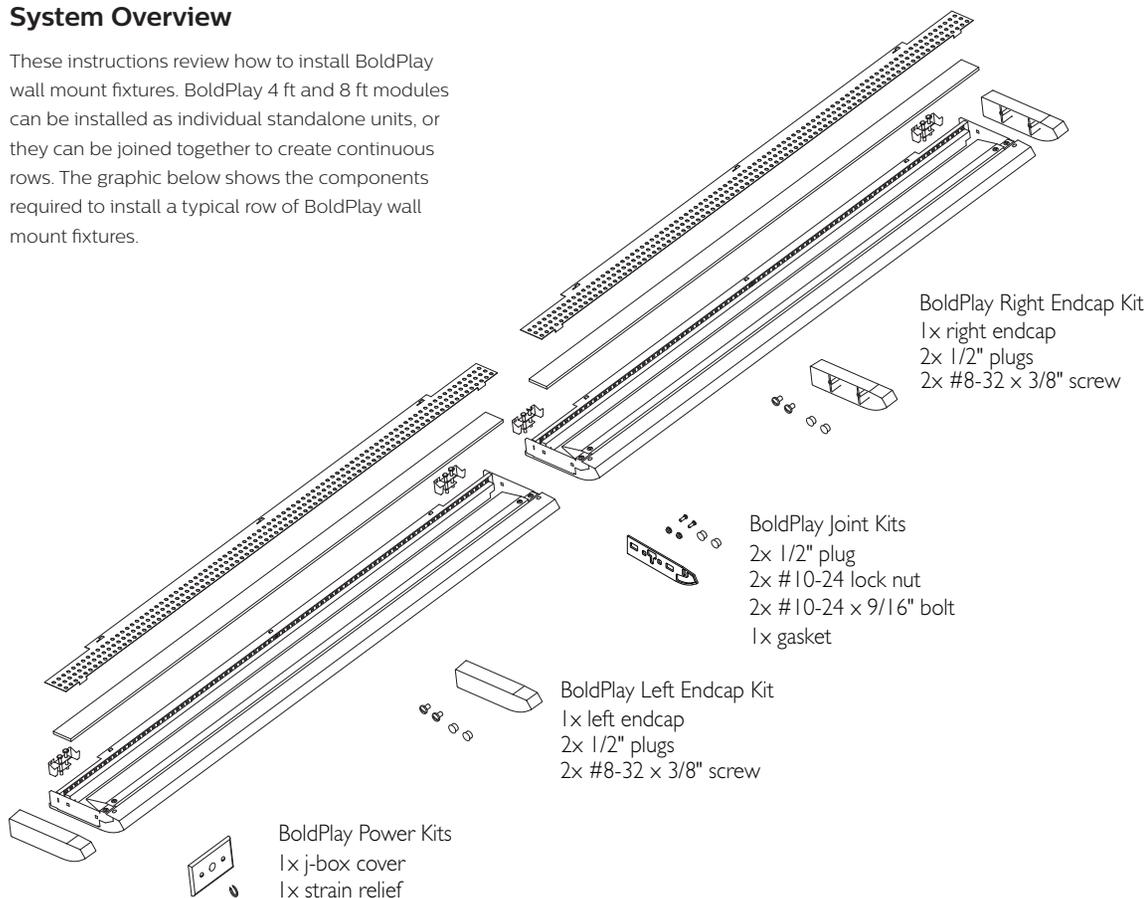
TOOLS REQUIRED: Phillips screwdriver, 3/8 " nut driver and #2 Robertson/Flat screwdriver.

Module Lengths

BoldPlay wall mount systems come in 4ft and 8ft modules. Overall module lengths are shown to the right. Module lengths do not include endcaps.

4ft — 4' 3/16"

8ft — 8' 3/8"

Indicates overall length of fixture (excluding endcaps)
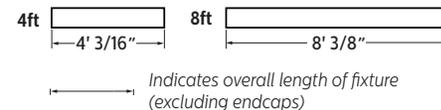
Endcaps

Add two endcaps to the length of each run.

3/16"

Mount Spacing

· Mounts variable within 2" – 5" of end or joint. On 8ft module, additional mount to be located within 2" – 5" of center of module.

· Maximum distance between mounts is 48". Note: Fixture is flush with wall.

Row Configurations

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

Nominal row length	4ft module	8ft module
4'	1x	
8'		1x
12'	1x	1x
16'		2x
20'	1x	2x
24'		3x
28'	1x	3x
32'		4x

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IMPORTANT: Read all instructions at least once prior to beginning installation.

All mount brackets must be secured to wall structure (eg. studs or cross-braces).

1 Install utility box and utility box cover

cover bracket

Attach cover plate to utility box

strain relief
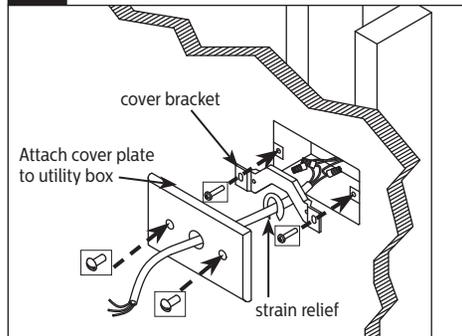
Determine power feed location and install 2″x4″ utility box (supplied by others) parallel with fixture. Complete connections at utility box with supplied power cord. Attach cover bracket using supplied hardware. Punch power access hole in supplied cover, feed power cord through and attach strain relief on wall side. Attach cover using supplied painted hardware.

NOTE: Bottom of utility box should be in line with bottom of wall brackets.

2 Install wall brackets

wall bracket

Bottom of utility box should be in line with bottom of wall brackets.
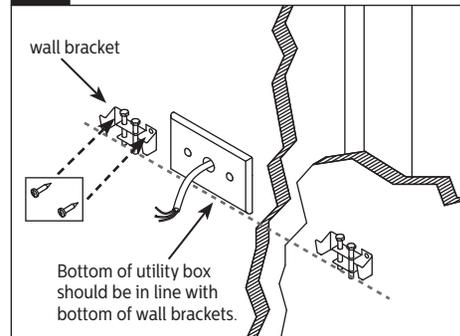
Determine fixture mounting location and secure wall brackets to structure using appropriate fasteners (two per bracket, supplied by others). 4ft fixtures: Require two bracket assemblies; 8ft fixtures: Require three bracket assemblies. Brackets must be installed a maximum of 5″ from end of fixture (on 8ft fixture, the third bracket can be 5″ of ether side of inrow crossplate).

NOTE: Mounted fixture(s) will sit approximately 1/4″ above top edge of bracket assembly.

3 Unpack / Prepare fixtures

Arrange boxed fixtures on floor in specified locations; remove fixtures from boxes; remove plastic from fixtures. Cap all unnecessary power feed holes at back of fixture(s) using supplied 1/2″ plugs.

4a Remove Top Reflector
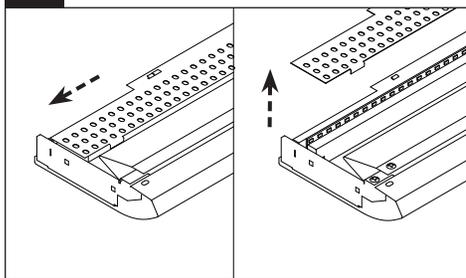
Shift top reflector to the left and then remove the reflector.

4b Remove Front Reflector
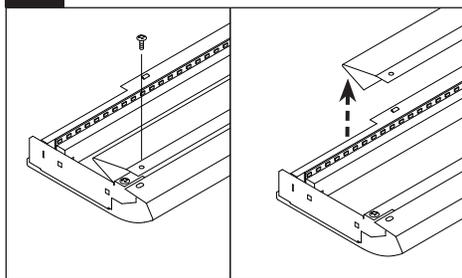
Remove the screws holding the front reflector and then remove the front reflector.

5 Raise fixture and engage on wall brackets
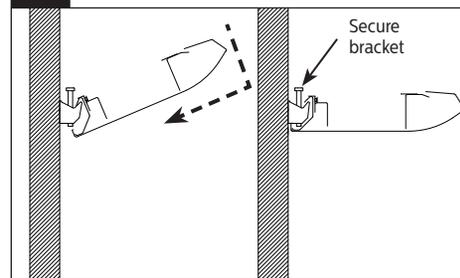
Secure bracket

With 2 people, raise fixture into position and engage it on hooks located on top of wall brackets, then rotate it down into position. Secure bracket using supplied hardware.

POWER LOCATIONS: Prior to engaging fixture in mounting brackets, feed installed power cord through the access hole at back of the fixture.

6 Prepare Wiring

1/2″ Bushing

Strain Relief

Crossplate hidden for clarity
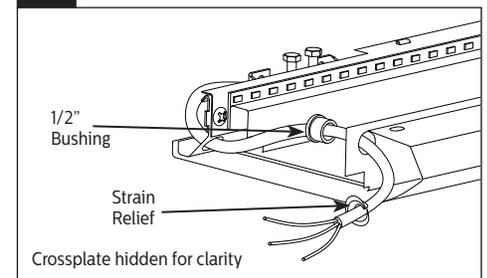
Route SVT cord through back rail, through the 1/2″ bushing and into the wiring cavity. Install strain relief.

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

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7 **Complete electrical connections**

strain relief

wirenuts (supplied by others)
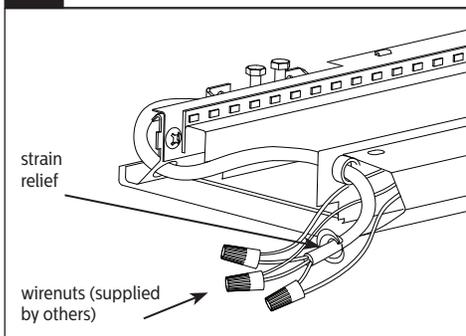
Complete electrical connections using wire nuts (supplied by others). Tuck wires back into cavity.

8 **Level and secure first fixture**

tilt screw   lock screw

TOP VIEW OF BRACKET
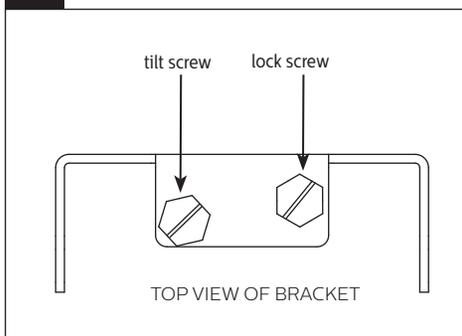
LEVEL: Using 5/16" hex nut driver, level fixture by adjusting the tilt screw.

SECURE: Secure fixture to wall bracket assemblies by tightening the lock screw.

9 **Install and join additional fixtures to create row**
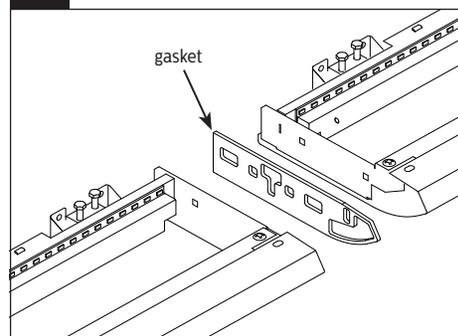
gasket

With two people, raise second fixture and engage on mounting brackets (see STEP 4). At joint, remember to insert black gasket.

10 **Complete electrical connections at joints**

quick-wire connectors (supplied)   wire nuts (by others)
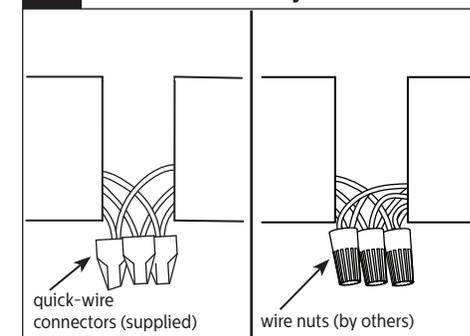
Complete in-row electrical connections.

NON-POWER LOCATIONS: Use supplied quick-wire connectors. Tuck wires into wire cavity.

POWER LOCATIONS: Remove installed quick-wire connectors and complete electrical connections using wire nuts (supplied by others). Tuck wires into wiring cavity.

NOTE: Use smallest appropriate wire nuts.

**11** **Level and secure additional fixture**

gasket
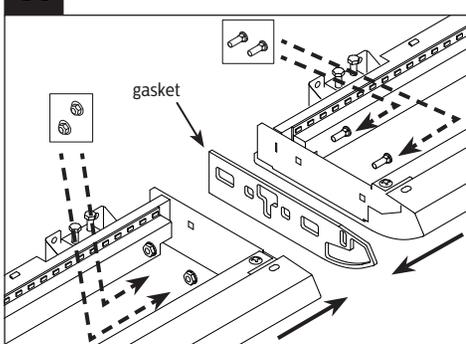
Level second fixture by adjusting the tilt screw (see step 8). Slide second fixture flush against first fixture and secure joint using supplied nut and bolt hardware (requires 3/8" nut drivers). Secure fixture to wall brackets by tightening the lock screw at each bracket location (see step 8).

Repeat steps 8-10 for each additional fixture(s) in row.

12 **Install Endcaps**
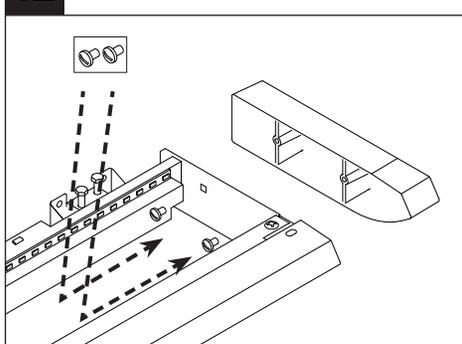
Attach endcap to first and last module in each row using supplied hardware.

IMPORTANT: Do not over-tighten endcap fasteners. Ledalite recommends tightening fasteners by hand. When nut is flush with crossplate, turn an additional 1/4 turn.

13 **Re-install Front Reflector**
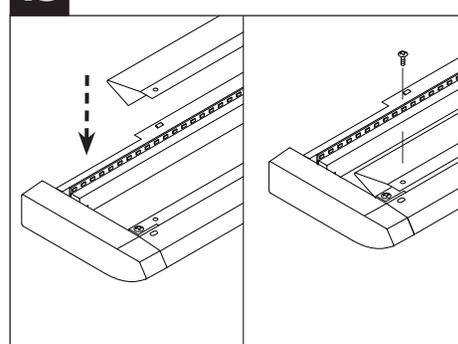
Re-install front reflector.

14 **Install Light Guide and Re-install Top Reflector**
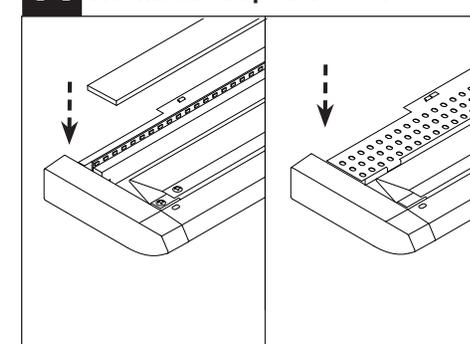
Identify smooth side of the Light Guide and ensure it is installed smooth side DOWN.
Install Light Guide panel into LED fixture after joining and wiring is complete. Ensure panel is seated correctly as shown above.

Final Step: Install the top reflector and shift into place.

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