System Overview
These instructions review how to install Sync wall mount fixtures. Sync 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 Sync wall mount fixtures.

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

Endcaps
Add two endcaps to the overall length of each row.

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.

<table>
<thead>
<tr>
<th>Nominal row length</th>
<th>4ft module</th>
<th>8ft module</th>
</tr>
</thead>
<tbody>
<tr>
<td>4'</td>
<td>1x</td>
<td></td>
</tr>
<tr>
<td>8'</td>
<td>1x</td>
<td>1x</td>
</tr>
<tr>
<td>12'</td>
<td>1x</td>
<td>1x</td>
</tr>
<tr>
<td>16'</td>
<td></td>
<td>2x</td>
</tr>
<tr>
<td>20'</td>
<td>1x</td>
<td>2x</td>
</tr>
<tr>
<td>24'</td>
<td></td>
<td>3x</td>
</tr>
<tr>
<td>28'</td>
<td>1x</td>
<td>3x</td>
</tr>
<tr>
<td>32'</td>
<td></td>
<td>4x</td>
</tr>
</tbody>
</table>

TOOLS REQUIRED: Stubby Philips screwdriver, 3/8 " nut driver.
Sync
Wall LED

Installation Instructions

ID_7408_Sync_Wall_LED

Sync Wall LED
Standalone or continuous run configurations

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

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
   - 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
   - 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 either 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.

4. 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
   - 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 though the access hole at back of the fixture.

6. Access Wiring / Remove Pan
   - To access wiring, remove screw from top pan and lift pan off. Apply strain relief to power cord.
   - NOTE: Care should be taken when lifting up top reflector to avoid disconnecting internal wiring.

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**Installation Instructions**

**ID_7408_Sync_Wall_LED**

**Sync Wall LED**

**Step 1:** Re-install screws to the left shift top reflector tilting 11a frost side facing up. Install wavepanel.

**Step 2:** Remove top reflector, install top shift into place.

**Step 3:** Remove top reflector.

**Step 4:** Fasten using step 1: re-install.

**Step 5:** Complete electrical connections at joints.

**Step 6:** Complete in-row electrical connections.

**Step 7:** Complete electrical connections using wire nuts (supplied by others). Re-install pan and hardware removed in step 6.

**Step 8:** Level and secure first fixture using tilt screw and lock screw.

**Step 9:** Install and join additional fixtures to create row.

**Step 10:** Complete electrical connections at joints.

**Step 11:** Level and secure additional fixture.

**Step 12:** Install endcaps.

**Step 13:** Re-install front reflector.

**Step 14:** Install light guide and re-install top reflector.

**Important Notes:**
- Use smallest appropriate wire nuts.
- Do not over-tighten endcap fasteners. Ledalite recommends tightening fasteners by hand. When nut is flush with crossplate, turn an additional 1/4 turn.
- 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.

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