



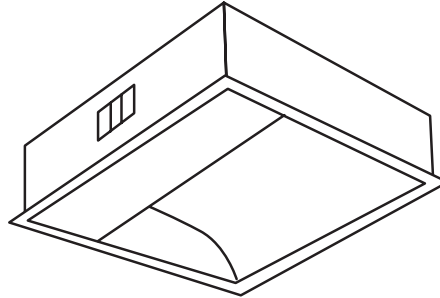
Video Conference and Linear Recessed Wall Wash Fixtures for Fluorescent and LED Lamps

Installation Instructions

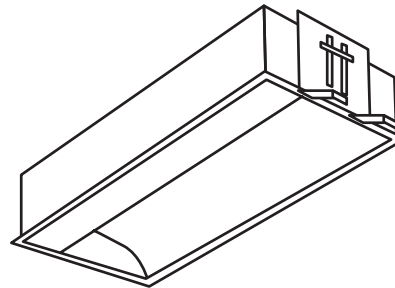
Important Notes

1. Install and wire in accordance with national and local electrical codes, by a qualified professional familiar with the construction and operation of fluorescent or LED luminaire electrical systems and the hazards involved.
2. The Video Conference Fixtures are available in Fluorescent and LED lamp options:
 - Fluorescent Fixture: Lamps are not included. Use only lamps conforming to the IEC 60081/60901 specification. Lutron recommends the following 50 W twin-tube 3500 K fluorescent lamps:
 - GE number F50BX/SPX35/RS
 - Philips number PL-L50W835/RS
 - Sylvania number FT50DL/835/RS/ECO
 - Note:** Consult lamp manufacturer for lamp burn-in requirements.
 - LED Fixture: LED light source is included and pre-installed in the fixture (avoid physical contact with LEDs).
3. **Notice:** Before installing lamps or powering the fixture, remove protective film from the reflector. Failure to do so will result in permanent damage to the reflector. Lutron recommends removal of the film within 30 days of receipt.
4. Cleaning: Clean the aluminum reflector with soap and water, isopropyl alcohol, or other neutral pH factor solvents. Use non-abrasive cleaning material. Do not use ammonia or other alkali solutions.
5. Fixture environment conditions: 0 to 90% humidity. Non-condensing, indoor/dry location use only. Ambient operating temperature:
 - Fluorescent Fixture: 50 to 104 °F (10 to 40 °C).
 - LED Fixture: 32 to 104 °F (0 to 40 °C).
6. Supply Connections: Use wire rated for 600 V with a minimum temperature rating of 194 °F (90 °C).

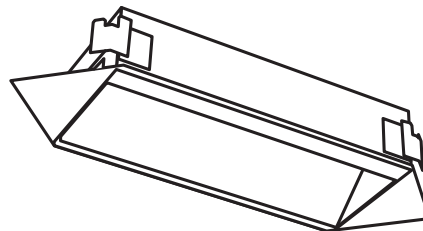
IMPORTANT INFORMATION Please Read Before Installing



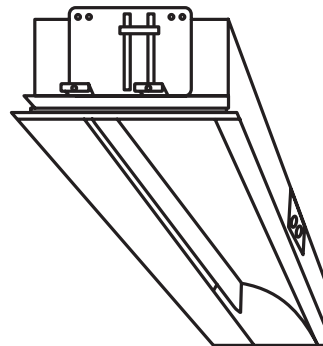
2 x 2 ft
Indirect Wash Fixture



1 x 2 ft
Indirect Wash Fixture



45° 1 x 2 ft
Indirect Wash Fixture
(45° diagonal mount compatible with
T-Bar mount only)



1 x 2 ft
Wall Wash Fixture

P/N 041297d 08/2016

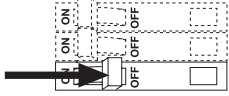


Installation



WARNING: Shock Hazard. May result in serious injury or death. Switch off power to all power feeds via circuit breaker or isolator before wiring or servicing.

1. Turn off power to the fixture location.



2. Remove the existing fixture (if applicable) and preserve power wiring.

3. Prepare the new fixture for installation:

A. Fluorescent fixture: remove the reflector (**Figure A**)

- Push in on the reflector edge opposite the lamps and remove from the fixture ledge.
- Gently pull the reflector edge downward and out of the fixture.

B. LED fixture: remove the reflector (**Figure B**)

- Push in on the reflector on the lamp side of housing.
- Gently pull the reflector edge downward and out of the fixture.

C. Diagonal Beam Fixture (**Figure C**)

- Attach mounting bracket at 4 corners of the fixture using the hardware provided.
- Place 45° filler flange at both ends of the fixture and secure with the hardware provided.

Figure A: Fluorescent Reflector Removal

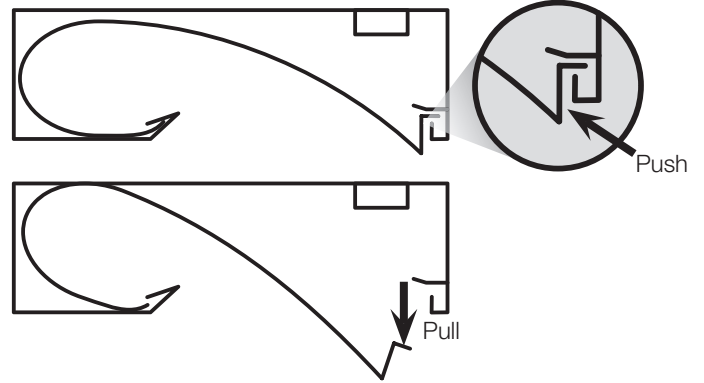


Figure B: Reflector Removal

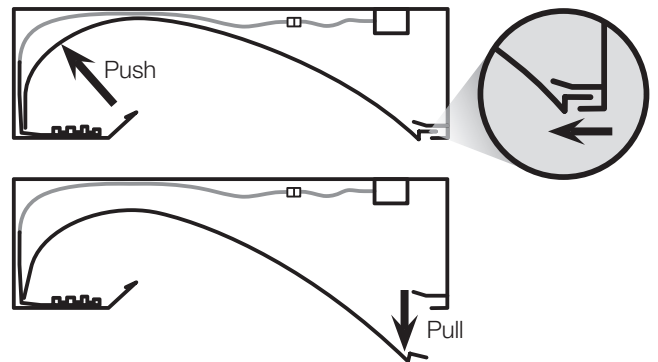
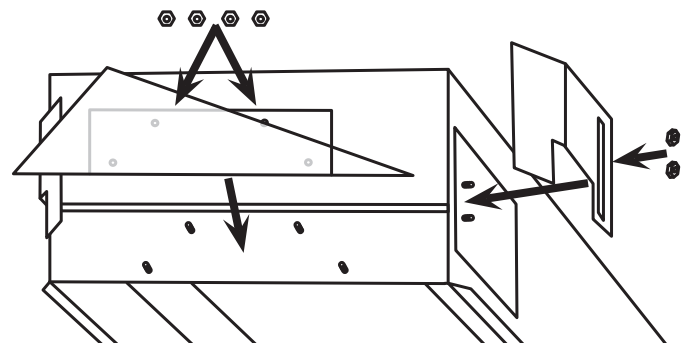


Figure C: 45° Mounting Bracket and Filler Flange



Continued on next page...

P/N 041297d 08/2016

Installation (continued)

4. Determine the proper orientation of the fixture (**Figure D**):

- Video Conference: point fixture away from camera.
- Wall Wash: point fixture towards wall.
- Indirect Wash: point fixture toward podium, presenter, or wall.

5. Mount fixture according to mounting type below:

- Surface Mount: attach the fixture housing to the ceiling using the mounting holes provided.

- Gypsum Ceiling Mount:

A. Cut rough-in hole based on dimensions below:

- 2 x 2 ft Indirect Wash Fixture: 23 ¾ in (603 mm) x 23 ¾ in (603 mm)
- 1 x 2 ft Indirect Wash Fixture: 10 ⅞ in (270 mm) x 23 ½ in (597 mm)
- 1 x 2 ft Wall Wash Fixture: 9 ⅞ in (232 mm) x 23 ½ in (597 mm)

B. Install fixture in ceiling with the bottom edge of the fixture housing protruding 1/8 in (3 mm) below the finished surface. Adjust height from inside the fixture using the supplied butterfly bracket screws. Allow 3/8 in (9 mm) x 1 in (25 mm) clearance around the bottom edge of the fixture for trim.

- T-Bar Mount: secure the fixture to the T-Bar grid according to local regulations. Adjust height from inside the fixture using the supplied mounting brackets screws (**Figure E**).

6. Connect the ballast/driver (**Figure F**) to the power supply according to the type of control used:

- EcoSystem[®] control: Do not connect the Dimmed Hot (orange) wire. Cap it off or remove it from the terminal (**Figure G**).
- 3-wire control: Do not connect the E1 (purple) and E2 (purple/white) wires. Cap them off or remove them from the terminals (**Figure H**).

7. Insert the reflector back into the fixture:

- Remove the protective film from the reflector. Failure to do so will result in permanent damage to the reflector.
- Place the lamp side of the reflector under the lip and push the reflector back into the fixture.
- Insert the reflector edge opposite the lamps into fixture ledge.

8. Install the lamps (fluorescent fixtures only).

9. Restore power.

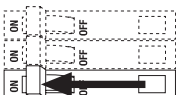


Figure D: Orientation

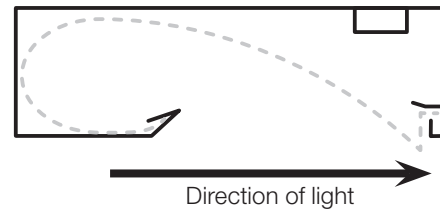


Figure E: T-Bar Mounting

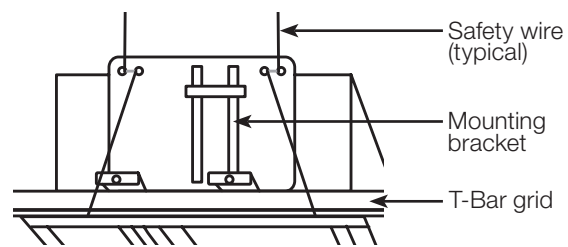


Figure F: Ballast/Driver Wiring

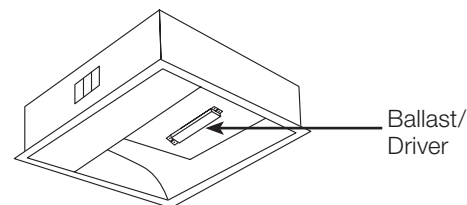
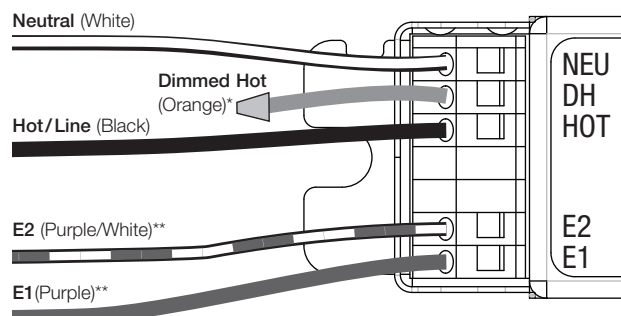


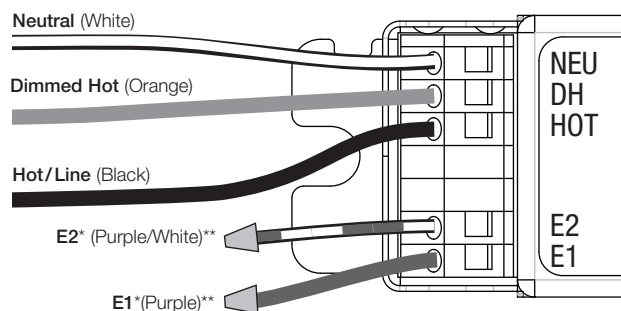
Figure G: EcoSystem[®] Control Wiring



* Cap off or remove wire(s) not used.

** E1 and E2 may be reversed on the ballast or driver depending on load type.

Figure H: 3-Wire Control Wiring



* Cap off or remove wire(s) not used.

** E1 and E2 may be reversed on the ballast or driver depending on load type.

Troubleshooting

Symptoms	Solution(s)
Fixture will not mount properly.	<ul style="list-style-type: none"> • Ensure that the correct fixture was purchased for the ceiling type (e.g., surface mount, gypsum, T-Bar). • Flange kits are available to convert fixtures to match the ceiling type. Please contact fixtures@lutron.com for pricing and availability.
Lights are flickering, flashing, dropping out, or not turning on.	<ul style="list-style-type: none"> • Check all wires, lamp connections, and sockets to ensure that they are properly connected. • Ensure that 120-277 V~ power is present and properly connected to the fixtures. • Ensure ambient temperature is within the specified range.
Lights remain at one level and do not change.	<ul style="list-style-type: none"> • Ensure that the digital link or control wire is connected to the ballast or driver. • Verify that the control is wired correctly.

Not for use in Quebec.

Worldwide Headquarters

USA

Lutron Electronics Co., Inc.
7200 Suter Road
Coopersburg, PA 18036-1299
USA
TEL: +1.610.282.3800
FAX: +1.610.282.1243
Technical support: 1.800.523.9466
or +1.610.282.6701
Toll-free: 1.888.LUTRON1

European Headquarters

United Kingdom

Lutron EA Ltd
6 Sovereign Close
London, E1W 3JF, UK
TEL: +44.(0)20.7702.0657
FAX: +44.(0)20.7480.6899
Technical support: +44.(0)20.7680.4481
FREEPHONE: 0800.282.107

Asian Headquarters

Singapore

Lutron GL Ltd
15 Hoe Chiang Road
Tower Fifteen
Singapore, 089316
TEL: +65.6220.4666
FAX: +65.6220.4333
Technical support: 800.120.4491

Warranty:

www.lutron.com/TechnicalDocumentLibrary/Warranty_CommercialSystems.pdf

☼Lutron, Lutron, and EcoSystem are registered trademarks of Lutron Electronics Co., Inc.

© 2014–2016 Lutron Electronics Co., Inc.

P/N 041297d 08/2016