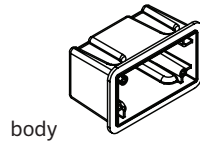
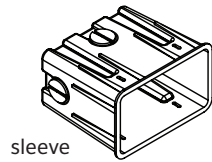
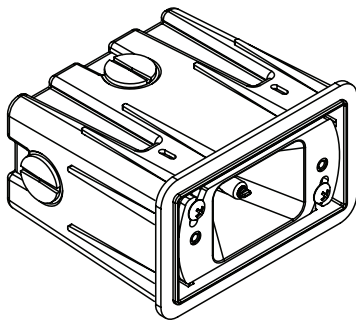


INSTALL NOTES: LED UN & CP

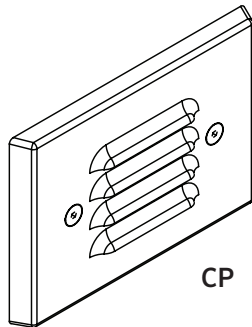
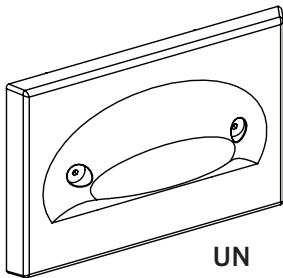
We have developed this series of field installation guidelines to assist you in correctly installing fixtures and transformers, ensuring customer satisfaction and trouble-free service. If you have any questions, please call your local distributor or the FX TechLine at 800-733-2823 before proceeding. Follow all NEC guidelines and local electrical codes. For more information, visit: fxl.com

PARTS LIST:

3 preassembled parts
sleeve, body, lamp housing



Faceplate



DO NOT EXCEED 15 VOLTS IN THIS FIXTURE

The LEDs in this product function ideally when the incoming voltage is between 10-15 volts. Voltages outside of this range may damage the LEDs, shorten their life, and cause unsatisfactory performance. **The use of improper voltage voids the product warranty. Only use a UL 1838 approved power supply.**

Changing or removing the color filter:

REPLACE WITH]

To add or remove the filter, remove the faceplate screws and secure with the LevelX screw. Replace the faceplate making sure to provide enough pressure to seal off the entire fixture with the rubber inner ring.

The LED board in this product is designed to offer years of use without replacement. Should you have a need to replace the LED board, please contact your local FX distributor.

THE UN AND CP ARE ONLY INTENDED FOR USE AS A WALL LIGHT. USING IN ANY OTHER POSITION COULD CAUSE POTENTIAL FAILURE.

RISK OF FIRE WARNING: DO NOT USE FX FIXTURES WITH ANY STYLE OF TRANSFORMER THAT EXCEEDS 15 VOLTS ON THE SECONDARY.

TOOLS NEEDED FOR INSTALLATION:

- Flathead screwdriver (non-electric)
- Phillips screwdriver (non-electric)

SPECS:

Trim colors available:

Metal: Brass, Nickel Plate
Composite: Camo Bronze, Desert Tan

Trim size: 3.5" x 5"
Body: 4.25" x 2.375" x 3.375"
Sleeve: 4.5" x 2.625" x 3.875"
Lamp Type: LED



**Note: Hand tighten only.
Do not use power tools**



INSTALL NOTES: ASSEMBLY

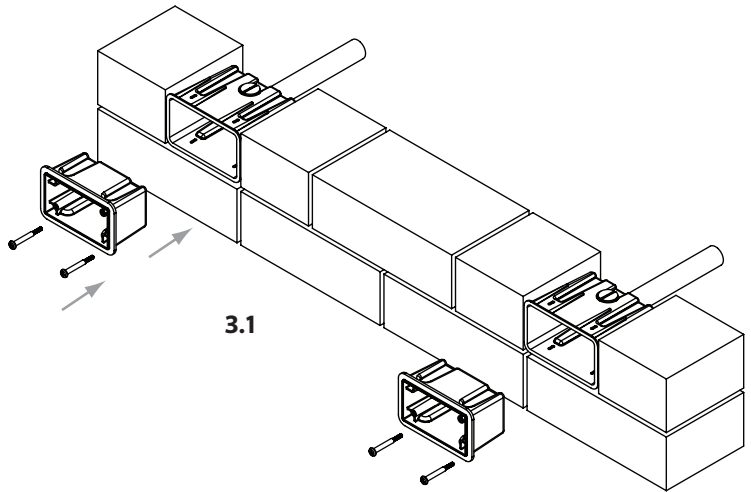
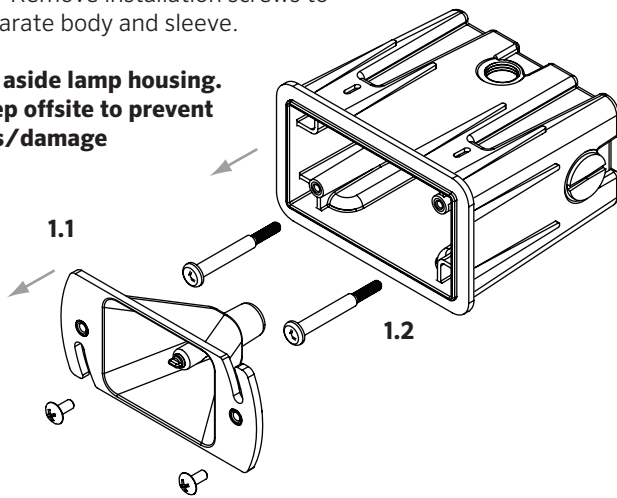
INSTALLATION GUIDELINES:

STEP 1: Prepare for installation

1.1 Remove slotted screws. Pull out lamp housing to expose 2 installation screws.

1.2 Remove installation screws to separate body and sleeve.

Set aside lamp housing. Keep offsite to prevent loss/damage



STEP 3: Install mounting box

3.1 Slide body inside sleeve, making the front of the box flush with the wall. (see two Axes benefits.) Attach with 2 installation screws.

Benefits of removable housing:

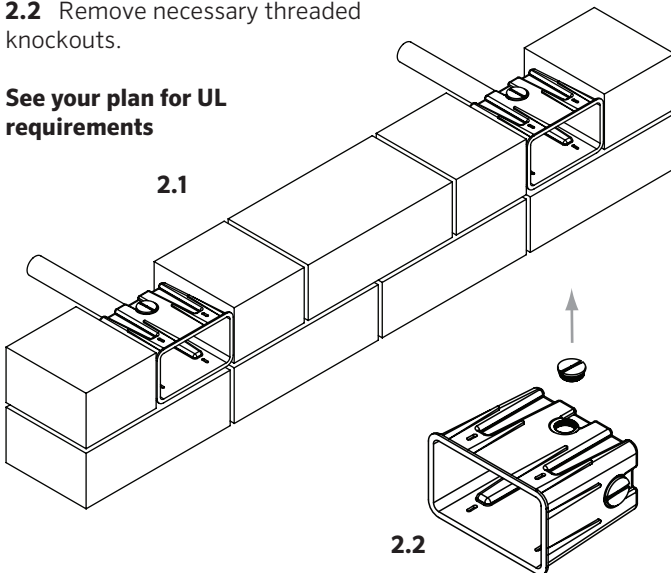
Easy-to-remove box for potential problems prevents having to cut into the wall for repairs.

STEP 2: Determine electricity location

2.1 Find where to place conduit.

2.2 Remove necessary threaded knockouts.

See your plan for UL requirements



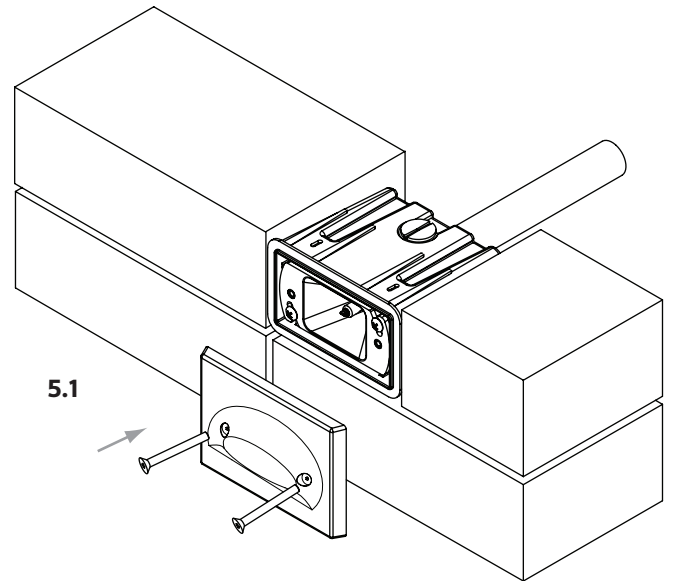
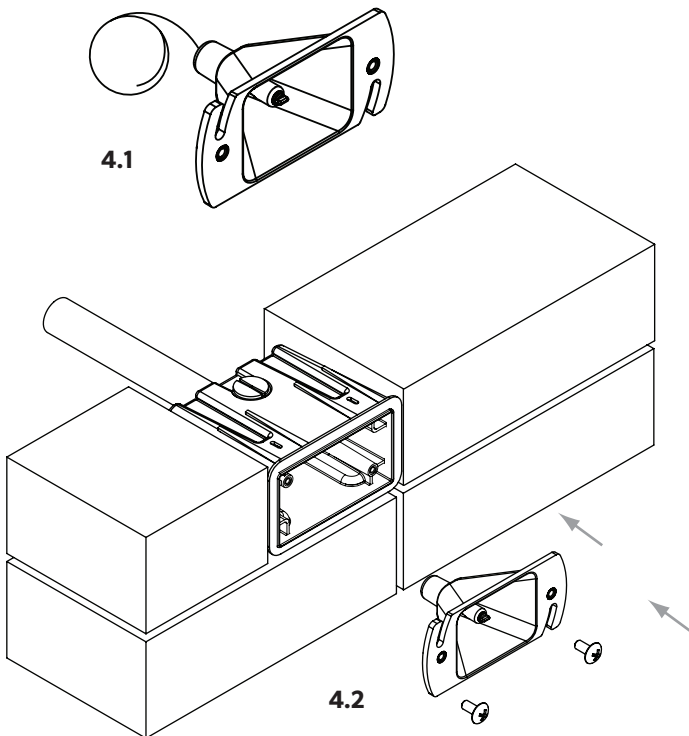
DIMENSIONS

	Width	Height	Depth
Sleeve:	4.5"	2.625"	3.875"
	11.43 cm	6.66 cm	9.84 cm
Box:	4.25"	2.375"	2.375"
	10.8 cm	6.03 cm	6.03 cm
Faceplate:	5"	3.5"	
	12.7 cm	8.9 cm	

STEP 4: Install lamp housing

4.1 Wire the lamp leaving service loop, but use all available wire. Coil wire then insert into body.

4.2 Screw the lamp housing into body.
(see LevelX[®] benefits)



STEP 5: Attach faceplate

5.1 Attach faceplate to reflector.
Screw faceplate down until it makes a seal.

Now you have a perfectly level, easy to access WallLite.

TWO AXIS BENEFIT:

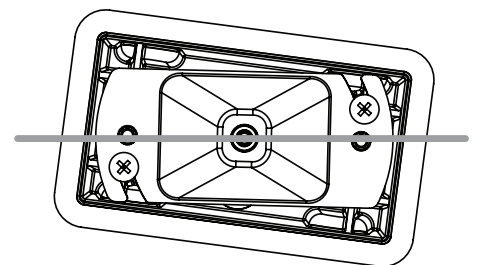
Adjustable on two axes. First axis moves forward and back with the ability to pull the body forward if the housing is set too deep.

Second axis rotates up and down with the LevelX[®] System.
(See LevelX[®] benefits)

LEVELX BENEFITS:

The LevelX[®] system allows the composite sleeve to be up to 3/8" out of level in either direction, while still allowing the faceplate to be laser level.

The trim attaches to the adjustable reflector assembly, not the composite sleeve or body. Heavy foam gasket keeps light spill to a minimum.



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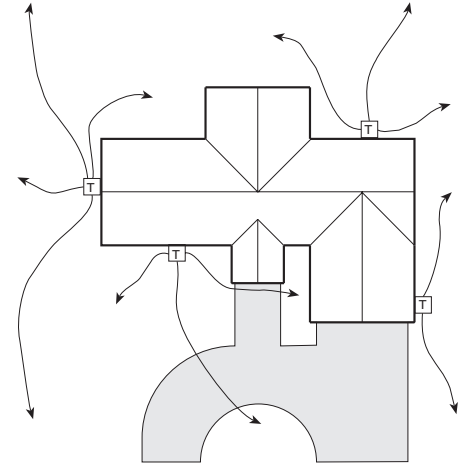
TRANSFORMERS

Single Transformer

When using only one transformer, it is very important to center the transformer on the wattage load. If the project calls for 135 watts in both front and back yard, the transformer should be centered on the side of the house that will receive the most lighting. A common mistake is to locate the single transformer on the service side of the house or in the garage, which might result in excessively long cable runs to reach lighted areas. The primary goal in laying out low voltage systems is to minimize cable runs because of voltage drop.

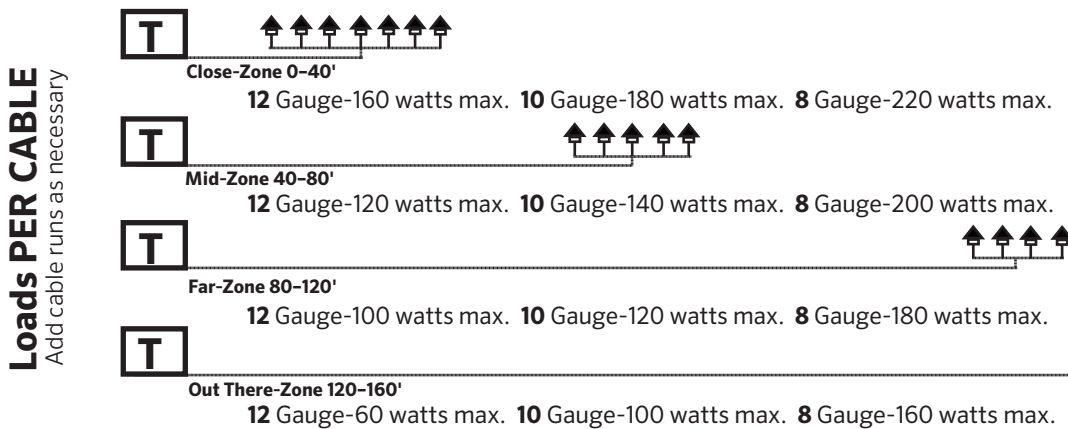
Multiple Transformers

A common mistake in laying out multiple transformer circuits is to group several transformers in one location because of utility or visual considerations only. As with any low voltage layout, the prime directive should be to locate the transformers as close to the fixtures as possible in order to minimize cable runs. The other multi-transformer layout consideration is “use zoning”. Having several transformers allows the client to selectively control light in separate areas. This approach is similar to irrigation design in that the goal is to individually control areas that have similar needs. In lighting, a recreation area has different lighting needs than does a front entry. Therefore, the lights that serve these different lighting use areas need to be on separate transformers and switch controls.



Sample diagram of home with transformer and lamp placement

CIRCUITING GUIDELINES



LED LIFE

- For maximum light output, tune lighting circuits to provide between 10 and 15 volts as measured at lamp terminals when all of the lamps on the circuit are operating.
- Voltage can be regulated by adjusting circuit load/run.
- To determine circuit voltage, use a digital voltmeter.