

# LED PRIORI PLUS 120 Volt Under Cabinet Light



## Installation Instructions

**WARNING:** These products may represent a possible shock or fire hazard if improperly installed or attached in any way. Products should be installed in accordance with these instructions, current electrical codes and/or the current National Electric Code (NEC).

**Warning: To avoid electric shock, disconnect power prior to installation.**

Caution: Injury to persons and damage to the fixture and/or mounting surface may result if the fixture is pulled from the surface. To reduce the likelihood of such injury or damage, mount on a surface that is mechanically sound.

Model No.	Input Amperes	Input Watts
043L-8-xx	80mA	9W
043L-16-xx	130mA	15W
043L-24-xx	180mA	22W
043L-32-xx	240mA	27.5W

### Supply wires connection via rear access door:

1. Select a knockout location on the fixture that is best suited for the installation. Knockouts are located along the back and top of housing. The rear access door that is located in the middle of the back of housing also has its own knockout for quick connection to supply wires, foregoing the need to remove the lens cover and open the wiring compartment. See Figure 1.
- NOTE: See next section if another knockout location is to be used for connection to supply wires.
2. Remove screw that secures rear access door using a Philips screwdriver or driver bit; and remove knockout using a hammer or punch. See Figure 2.
3. Install cable connector that is appropriate for the supply wire following National Electric Code and local codes. See Figure 3. (Use 14 or 12AWG wires. AC should be protected by circuit breaker or fuse).
4. Strip back jacket on supply wires 3/8" and use quick stab connectors inside housing to connect wires (Black to Black, White to White and Yellow/Green stripe to Yellow/Green stripe).
5. Replace rear access door and secure with screw.

### Supply wires connection via housing knockouts:

1. Pull the lens cover away from the front edge of the fixture gently rotating toward the back of the fixture. The lens cover will now be open at a 90° angle to the base of the fixture. See Figure 4.
  2. Remove the lens cover from housing gently by sliding each end of the lens toward the front of the unit while holding at 90°, then closing to about 30° and lifting the metal tab up through the slot in the end cap. See Figure 4, inset.
  3. Remove cover of wiring compartment by removing retaining screws at each end.
  4. Punch out whichever knockout is best suited for connection to 120V supply wires. Knockouts are located along back and top of housing. See Figure 5.
  5. Install cable connector and connect fixture wires following National Electric Code and/or local building code requirements. See Figure 5. Use minimum 18AWG solid copper wires. AC supply should be 120V protected by circuit breaker or fuse.
  6. Attach line voltage AC supply wires to fixture lead wires: Black to Black, White to White, Green or bare wire to Yellow/Green (Ground) inside the fixture. Secure each connection using the quick connector provided on the fixture lead wire. If your system has no ground wire, you should consult a qualified electrician before proceeding with the installation. Note: Electric shock, overheating, low or no light output and shortened fixture life can result if proper grounding is not done.
  7. Replace the wiring compartment cover, securing with the existing retaining screws.
- Note: Be sure that the wires are not pinched or damaged by any part of the housing or the cover.

### Mounting fixture:

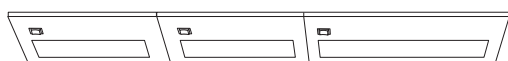
1. Open lens cover to 90° angle to the base of the fixture.
2. Push mounting screws into grommets at each end of fixture until seated and held in place. See Figure 5.
3. Position fixture in desired location and use Philips screwdriver or driver bit to tighten mounting screws and secure in place.

**Replace the lens cover:** While holding the lens cover at 90° to the fixture, insert the small metal tab of the lens cover that corresponds to the non-slotted holding area into place first. Close the 90° angle to about 30° and align the other small metal tab with the slot on the other end and insert. Gently push the sides of the lens toward the back of the unit until the lens holding tabs snap into place. Close the cover by rotating the lens 90° until it snaps tightly to magnetic closure. Do not operate without lens cover in place.

### Additional Safety Measures:

1. Do not look directly at LED light source.
2. Do not touch the LEDs.
3. To avoid electrical shock, do not turn on fixture with missing or damaged lens.
4. Do not operate without end connector cover in place for any molex ports/connectors not in use.
5. There are no serviceable part inside LED module.
6. Maximum run for a single bank of fixtures to be 360 watts. See Figure 6.

Figure 6



Fixtures can be installed so they connect end-to-end, directly into each other in a single "bank". Recommended number of connections = 2-13 fixtures

### Accessories include:

Interconnect cables: 6", 12", 24" and 36" (Black or White)  
 Power cord: 6' (Black or White)  
 Direct wire box: Bronze or White (includes one 12" interconnect cable)

RV1115



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Figure 1

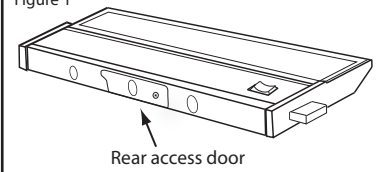


Figure 2

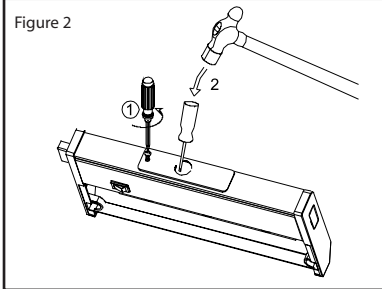


Figure 3

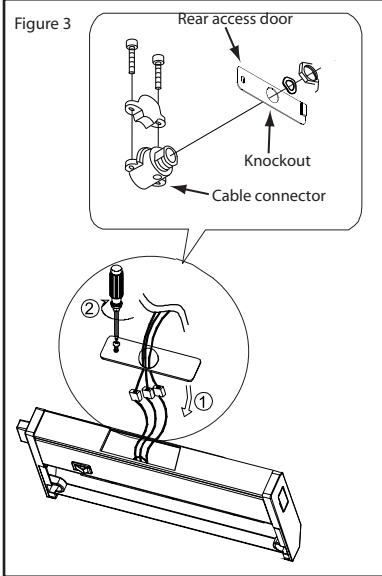


Figure 4

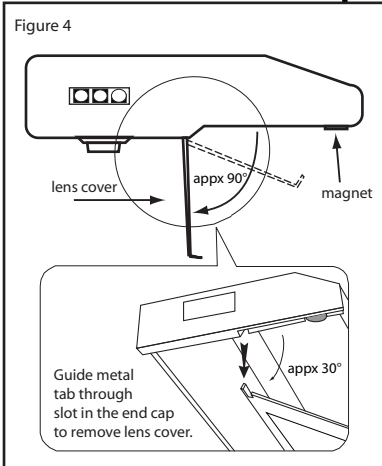


Figure 5

