

Installation guide

LED Swivel Undercabinet

120 V



Read the installation instructions and all product labels before proceeding with the installation. This product must be installed in full accordance with applicable electrical and building codes. Installation should be performed by a qualified electrician in accordance with the Canadian national electrical standards and relevant local codes.

TO PREVENT ELECTRICAL SHOCK, POWER SHOULD BE TURNED OFF FROM THE ELECTRICAL PANEL BEFORE INSTALLATION OR MAINTENANCE.

SAFETY WARNINGS

- Suitable for use in damp locations.
- Use only on 120 VAC, 60 Hz circuits.
- Operating temperatures: -20 °C to 40 °C (-4 °F to 104 °F)
- 5 year limited warranty.
- For complete dimmer compatibility and warranty information visit www.standardpro.com.

INSTALLATION – STEPS

Turn OFF the power before proceeding with the installation.

PLUG-IN INSTALLATION

1. Remove the screws on the plastic receptacle cap that covers the INPUT receptacle in order to insert the power cord (Fig.1).
2. Attach the power cord to the "INPUT" receptacle on one end of the luminaire. The power cord will only connect to the "INPUT" receptacle. Do not force connection, it should snap in easily (Fig.2).
3. Plug the power cord into the power supply (Fig.3).
4. Refer to the 'Surface Mounting' section for the following steps.

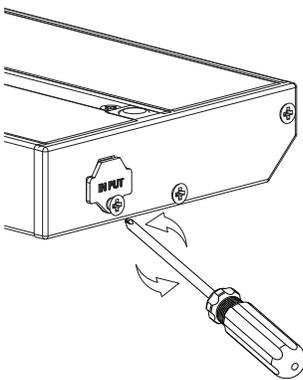


Figure 1

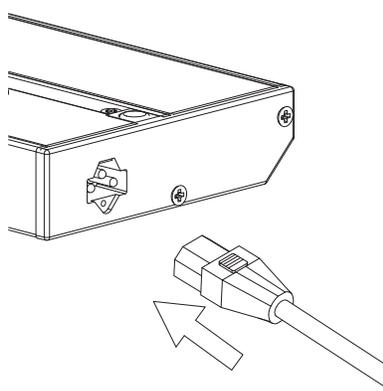


Figure 2

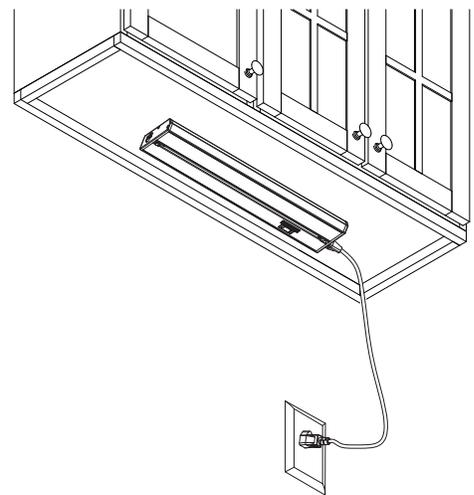


Figure 3

Installation guide

LED Swivel Undercabinet

120 V



HARDWIRE INSTALLATION (VIA ACCESS DOOR AT THE BACK OF THE LUMINAIRE)

1. The rear access door that is located in the middle back of the luminaire. It also had its own knockout for quick connection to supply wire.
2. Carefully loosen the screw that secures the rear access door using a Phillips screwdriver and remove knockout using a hammer or punch. If the knock-out did not break free, use pliers and bend it back and forth until it snaps off (Fig. 4).

Caution: When removing knock-outs, make sure not to damage internal wiring or puncture the driver box.

3. Attach the supplied strain relief by inserting the threaded end (from outside the luminaire) through the knock-out. Secure the strain relief to the luminaire's chassis by tightening the fastener (from inside the luminaire). (Fig. 5)

NOTE: Remember to have the strain relief screws oriented in a manner that allows you to tighten/loosen the clamp screws after the fixture has been attached to the mounting surface.

4. Insert the line voltage wires through the strain relief and tighten the clamp until it is secure. Allow at least 3" of wire extend into the wiring compartment to make the connection.

5. Make the connections. Use connectors suitable for #12-14 AWG solid core wire.

WARNING: DO NOT MIX WIRES OR CHANGE POLARITY / Ensure that no bare wires are exposed after making the electrical connections (Fig. 6).

6. Push all wires inside the luminaire and re-attach the rear access door with the screws (Fig. 7).

7. Turn on the electricity at the circuit breaker.

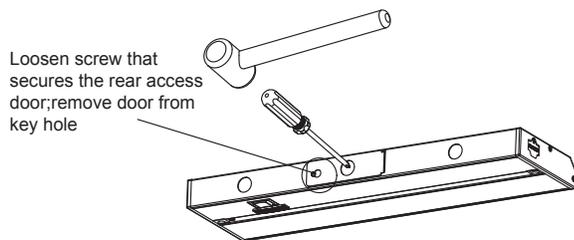


Figure 4

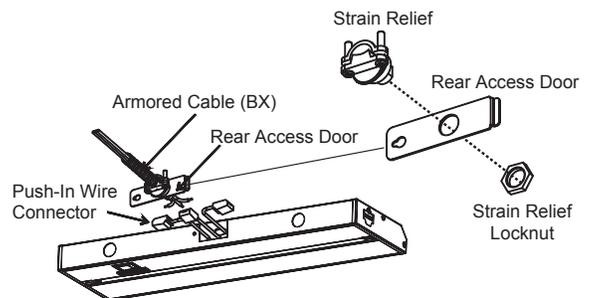


Figure 5

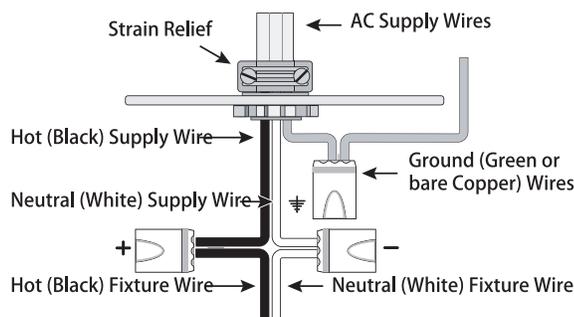


Figure 6

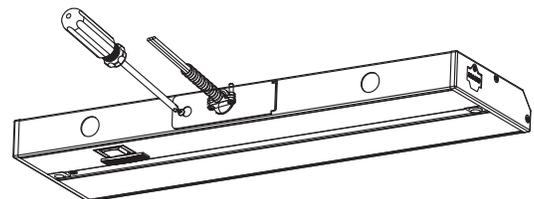


Figure 7

Installation guide

LED Swivel Undercabinet

120 V



HARDWIRE INSTALLATION (VIA HOUSING KNOCKOUTS)

1. Remove cover of wiring compartment by removing screws at each end.
2. Punch out whichever knockout is best suited for connection to 120V supply wires. Knockouts are located along back and top of housing (Fig. 8).
- Caution:** When removing knock-outs, make sure not to damage internal wiring or puncture the driver box.
3. Attach the supplied strain relief by inserting the threaded end (from outside the luminaire) through the knockout. Secure the strain relief to the luminaire's chassis by tightening the fastener (from inside the luminaire) (Fig. 9).
- NOTE:** Remember to have the strain relief screws oriented in a manner that allows you to tighten/loosen the clamp screws after the fixture has been attached to the mounting surface.
4. Insert the armored cable through the strain relief and tighten the clamp until it is secure. Allow at least 3" of wire extend into the wiring compartment to make the connection.
5. Make the connections. Use connectors suitable for #12-14 AWG solid core wire (Fig.10).
- WARNING:** DO NOT MIX WIRES OR CHANGE POLARITY / Ensure that no bare wires are exposed after making the electrical connections.
6. Re-attach the cover of wiring compartment. Push all the wires into the wire compartment first, and then place the wire compartment cover to the fixture and attach with screws (Fig. 11)
7. Re-attach the color temperature switch to the fixture.
8. Turn on the electricity at the circuit breaker.

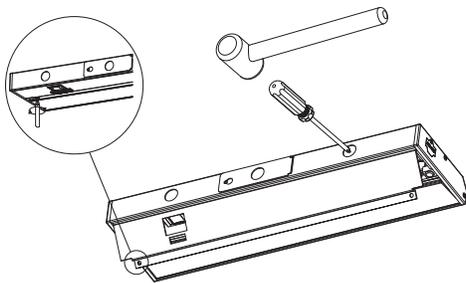


Figure 8

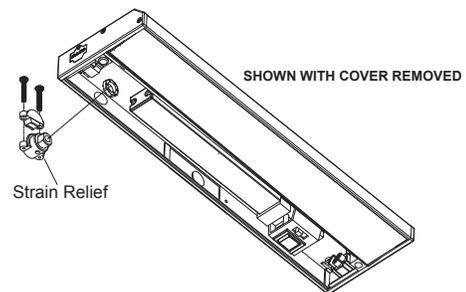


Figure 9

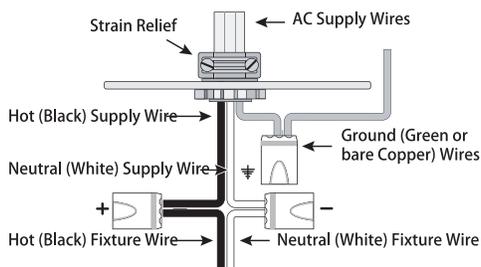


Figure 10

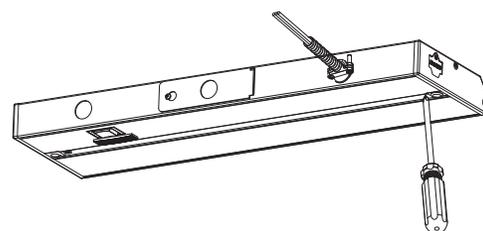


Figure 11

Installation guide

LED Swivel Undercabinet 120 V



SURFACE MOUNT INSTALLATION

1. Determine the position and location of the LED Swivel Undercabinet and mark the position of the screws. The first luminaire must be installed within 6 ft of a power outlet, otherwise the power cord will not be long enough.
2. Locate the mounting holes slot on the back of the fixture and mark narrow ends of the keyhole slots on the mounting surface (fig. 14).
Note: the fixture mounting screws are suitable for cabinet bottoms of 1/2 in. or thicker. Use shorter screws for thinner cabinet bottoms.
3. It is recommended that a pilot hole be drilled in the mounting hardware surface for wood screws. Pre-drill holes on the mounting surface with a 1/16" drill bit for softwoods and a 3/32" drill bit for hardwoods (fig. 15).
4. Drive the screws provided in the mounting hardware into the mounting surface until approximately 1/8" of the screw remains outside the surface.
5. Mount the fixture to surface aligning the screws to keyholes and sliding over until narrow ends of the keyhole slots are under the heads of the wood screws (fig. 16).
6. Finish tightening the wood screws until the fixture is tightly secured to the mounting surface.

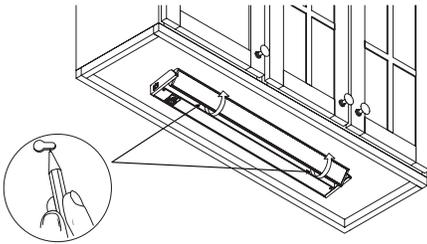


Figure 14

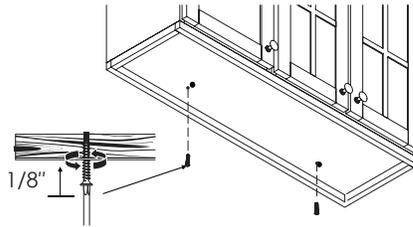


Figure 15

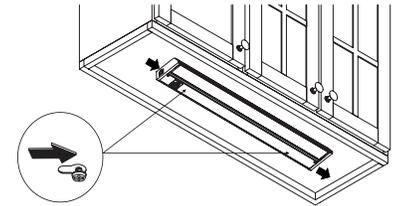


Figure 16

JOINING MULTIPLE LUMINAIRES USING JUMPERS

1. Remove the screws on the plastic cap that covers the power port on the luminaire.
2. The linking cord is fitted with a distinct cord connector plug at each end and will only connect one way. Try inserting one end of the linking cord into the power port, if that fails try the other end of the linking cord. Do not try to force the plug into the port. make sure plugs on both ends are fully inserted into ports on both fixtures (Fig. 17).

NOTE:

- Linkable total wattage is 200 watts.
- Do not use jumper cord as a means to turn luminaires on and off. Each light can be individually operated by the on/off switch located on each fixture.

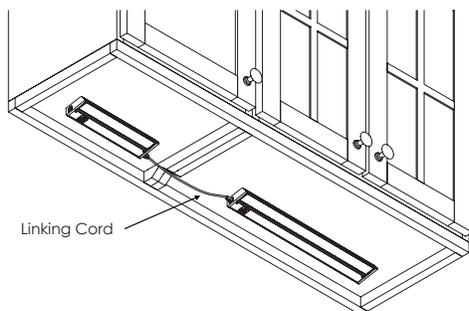


Figure 17

INSTALLING THE END TO END CONNECTOR

1. Remove the screws on the plastic cap that covers the power port on the luminaire.
2. The End to End connector is fitted with a distinct cord connector plug at each end and will only connect one way. Try inserting one end of the End-to-End connector into the power port of the new fixture, if that fails try the other end of the End-to-End connector. Do not try to force the plug into the port (Fig. 18).
3. Align the End-to-End connector on end of both luminaires.
4. Push the new luminaire to existing luminaire until they are flush and connectors snap together. The luminaires should fit fully and squarely end-to-end when mounting is complete.

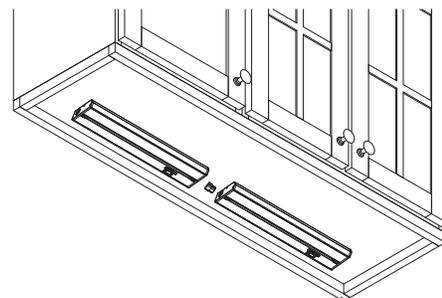


Figure 18