

# Dimmable LED Cabinet Light

## User Manual

### 01 / WARNING

- THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THIS PRODUCT AND THE HAZARDS INVOLVED.
- Make certain that the power is off before installing or maintaining this fixture. There are no user serviceable parts inside.
- Due to the risk of fire or electric shock, ONLY USE IN INDOOR DRY LOCATIONS.
- To prevent overheating, DO NOT install in small, enclosed spaces.
- DO NOT install this product in an environment outside the listed ambient temperatures: 14°F-104°F.
- Maximum linear run of 300W.

### 02 / CAUTION

- TURN OFF THE POWER before changing the lamp.
- ONLY use on 120V AC circuits.
- Due to the risk of electric shock, DO NOT use where direct water exposure occurs.
- DO NOT use with emergency exit lamps or fixtures.
- DO NOT use where direct weather exposure occurs.
- May NOT be compatible with all dimmer switches.
- DO NOT use this lamp close to any source of heat.
- Place the lamp out of the reach of children under 3 years old.

### 03 / INSTALLATION

This lamp can ONLY be used in indoor dry location.

1. Determine the location to install the lamp(s).

**WARNING:** To prevent wiring damage or abrasion, DO NOT expose the wiring to edges of sharp objects.

2. Access the wiring compartments using option A or B.

#### A. Rear Access Door Knockout

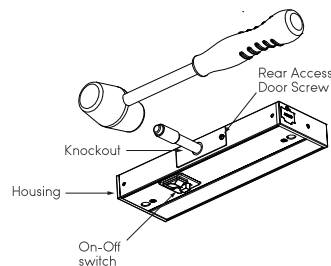
1. Preparing the lamp for installation (Fig. 1)

- Discard power cord if hardwired installation is used.
- The rear access door that is located in the middle back of the housing also has its own knockout for quick connection to supply wire.

**NOTE:** See next section if alternate knockout location is to be used for connection to supply wires.

- Carefully remove the screws that secures the rear access door using a Phillips screwdriver and use a punch tool (not supplied) to remove the knockout. If the knockout did not break free, use pliers and bend it back and forth, until it snaps off.
- Loosen the screw that secures the rear access door and remove the door from the keyhole.

Fig.1



2. Install the clamp connector and tighten securely

- Attach the supplied clamp connector by inserting the threaded end (from outside the lamp) through the knockout. Secure the clamp connector to the lamp's chassis by tightening the fastener (from inside the lamp).

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

- Insert the supply wires through the clamp connector and tighten the clamp until it is secure. Allow enough wire length to make the connection.

3. Connecting the wires

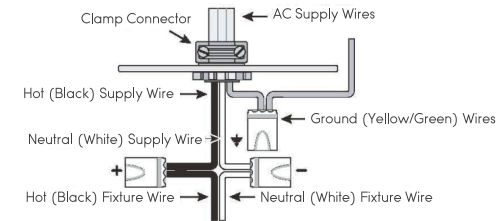
- Pull 3 preinstalled push-in connectors out of the lamp to allow connection to the branch circuit.

- Strip back jacket on AC supply wires 3/8" and use push-in wire connector to connect wires. (Fig.2)

- Make sure that the supply voltage is 120V.

- Connect the black fixture lead to the LINE supply lead.
- Connect the white fixture lead to the COMMON supply lead.
- Connect the GROUND fixture wire to the supply ground.

Fig.2

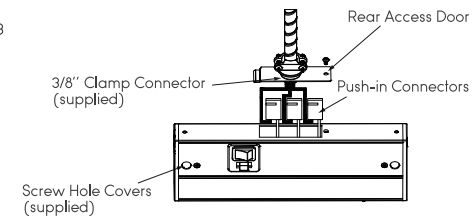


**WARNING:** DO NOT MIX WIRES OR CHANGE POLARITY.

**NOTE:** If removal of supply wire is required, twist and pull until wire releases. DO NOT attempt to remove preinstalled lamp wiring.

- Ensure that no bare wires are exposed after making the electrical connections. Secure the rear access door to the lamp. (Fig.3)

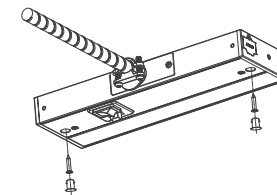
Fig.3



4. Install the lamp

- Secure the lamp to the mounting surface using the flat head screws (supplied). Be careful not to drive the screws all the way through the cabinet bottom. Use shorter screws if necessary (not included). Once the lamp is secured to the surface, insert the screw hole covers. (Fig. 4)

Fig. 4



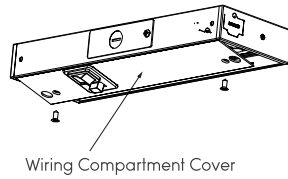
#### B. Alternate Knockouts (ONLY For 12/22 Inch)

1. Preparing the lamp for installation

- Discard power cord if hardwired installation is used.

- Remove the wiring compartment cover by removing screws at each end. (Fig.5)

Fig.5



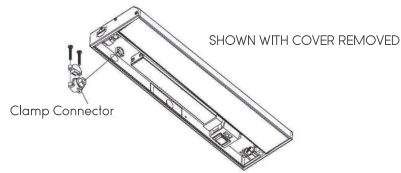
- Punch out whichever knockout is best suited for connection to 120V supply wires. Alternate knockouts are located along the back and top of the housing.

**CAUTION:** When removing knockouts, take care not to damage internal wiring or puncture driver box.

2. Install the clamp connector and tighten securely

- Attach the supplied clamp connector by inserting the threaded end (from outside the lamp) through the knockout. Secure the clamp connector to the lamp's chassis by tightening the fastener (from inside the lamp). (Fig.6)

Fig.6



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

- Insert the supply wires through the clamp connector and tighten the clamp until it is secure. Allow at least 3" of wire extended into the wiring compartment to make the connection.

3. Connecting the wires

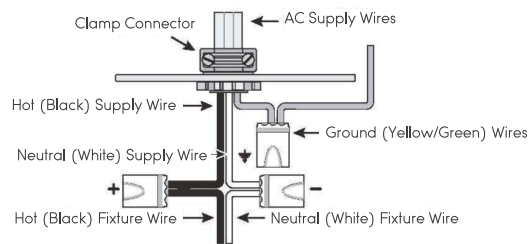
- Pull 3 preinstalled push-in connectors out of the lamp to allow connection to the branch circuit.

- Strip back jacket on AC supply wires 3/8" and use push-in wire connector to connect wires. (Fig.7)

- Make sure that the supply voltage is 120V.

- Connect the black fixture lead to the LINE supply lead.
- Connect the white fixture lead to the COMMON supply lead.
- Connect the GROUND fixture wire to the supply ground.

Fig.7

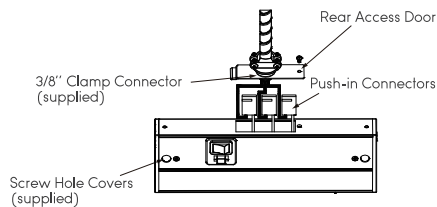


**WARNING:** DO NOT MIX WIRES OR CHANGE POLARITY.

**NOTE:** If removal of supply wire is required, twist and pull until wire releases. DO NOT attempt to remove preinstalled lamp wiring.

- Ensure that no bare wires are exposed after making the electrical connections. Secure the rear access door to the lamp. (Fig.8)

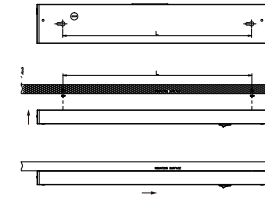
Fig.8



4. Install the lamp

- Use the bottom holes to install the lamp. Confirm the position that you want to install the lamp and measure the distance of the two holes. Install the screws and then move the lamp where the holes of the light are fixed to the screws. (Fig. 9)

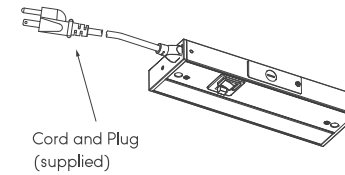
Fig.9



## 04 / ACCESSORIES

Use 5ft flexible cord and plug to power fixture.

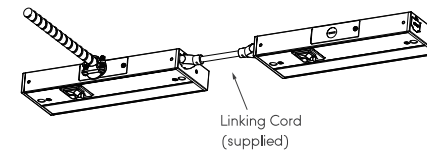
Fig.10



## 05 / FIXTURE CONNECTION

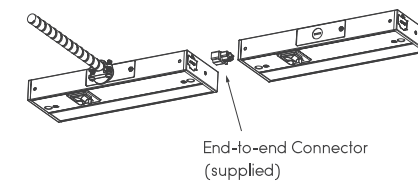
Use 12" flexible linking cord.

Fig. 11



Use end-to-end connector supplied with each fixture to connect fixtures directly to each other end to end.

Fig. 12



## 06 / CLEANING & MAINTENANCE

**CAUTION:** Be sure that the lamp's temperature is cool enough to touch. DO NOT clean or maintain while the lamp is energized.

1. Clean the polycarbonate lens with a non-abrasive glass cleaning solution.
2. DO NOT open the fixture to clean the LED. DO NOT touch the LED.

## 07 / TROUBLESHOOTING

1. Check that the line voltage at the lamp is correct. Refer to the wiring directions.
2. Check to see if the lamp is properly grounded.

## 08 / WARRANTY

TORCHSTAR warrants that this product is free from defects in materials and workmanship for a period of 3 years from the day of purchase. If the product has been misused, damaged by accident or in any other way of improper use, this warranty becomes void.

## 09 / MANUFACTURER CONTACT INFO

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