

**Simply dimming by dimmer switch from soft white (3000K) to a warm glow (1800K)**

**Rated Voltage 120V, 60Hz**

**EL 415SDX 4" Dim To Warm Downlight Reflector**

**EL 410SDX 4" Dim To Warm Downlight Baffle**

"X" represent for different color trim finish, such as "W" is white finish, "BZ" is bronze finish

**Please read carefully and save these instructions as you may need them at a later date.**

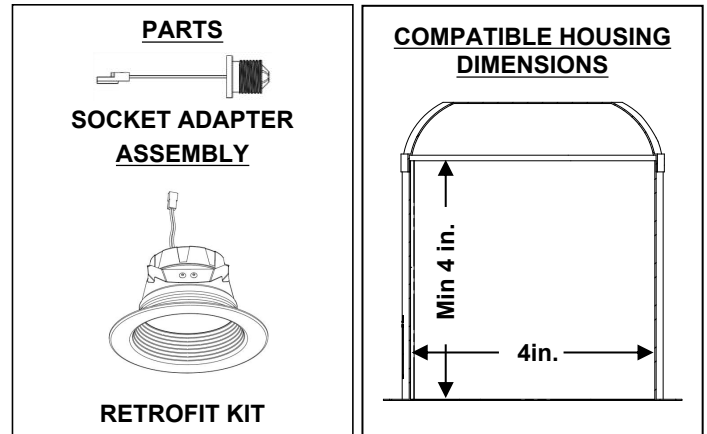
**WARNING - RISK OF ELECTRIC SHOCK. DISCONNECT MAIN POWER AT FUSE OR CIRCUIT BREAKER BEFORE INSTALLING OR SERVICING THE FIXTURE.**

**GENERAL:** All electrical connections must be in accordance with local and National Electrical Code (N.E.C.) standards. If you are unfamiliar with proper electrical wiring connections obtain the services of a qualified electrician.

Remove the KIT from the box and make sure that no parts are missing by referencing the PARTS illustrations.

THIS RETROFIT ASSEMBLY IS ACCEPTED AS A COMPONENT OF A LED LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY CSA OR CANADIAN AUTHORITIES HAVING JURISDICTION.

THIS DEVICE IS NOT INTENDED FOR USE WITH EMERGENCY EXITS.



### **WARNING- RISK OF FIRE OR ELECTRIC SHOCK**

- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- The inside of the ceiling must be waterproof.
- Installation of this retrofit kit requires a person familiar with the construction and operation of the luminaire's electrical system and the hazard involved. If not qualified, do not attempt installation. Contact a qualified electrician.
- Install this kit only in the luminaire that has the construction features and dimensions shown in the photographs and/or drawings and where the input rating of the retrofit kit does not exceed the input rating of the luminaire.
- This retrofit kit is accepted as a component of a luminaire where the suitability of the combination shall be determined by authorities having jurisdiction. Product must be installed by a qualified electrician in accordance with the applicable and appropriate electrical codes. The installation guide does not supersede local or national regulations for electrical installations.
- Luminaires wiring, power supply, or other electrical parts may be damaged when drilling for installation of retrofit kit hardware. Inspect wiring and components for damage.
- Only those open holes indicated in the photographs and/or drawings may be made or altered as a result of kit installation. Do not leave any other open holes in an enclosure of wiring or electrical components.
- Warning –risk of fire or electric shock . Luminaires wiring , power supply , or other electrical parts may be damaged when drilling for installation of retrofit kit hardware. Inspect wiring and components for damage .
- This device is not intended for use with emergency exits.

### **ASSEMBLY AND INSTALLATION**

#### **INCANDESCENT HOUSINGS**

1. Unscrew the WING NUT inside the CAN to detach the SOCKET BRACKET from the CAN. Disengage the SOCKET from the SOCKET BRACKET. **(FIG. 1)**
2. Thread the SOCKET ADAPTER into the SOCKET. **(FIG. 2)**
3. Plug the FEMALE CONNECTOR of the RETROFIT KIT onto the MALE CONNECTOR of the SOCKET ADAPTER ASSEMBLY. **(FIG. 3)**
4. Squeeze both FRICTION BLADES arms together and insert into the CAN. **(FIG. 4)**
5. Tuck all wires into the CAN and carefully push the RETROFIT KIT into CAN. (NOTE: To provide enough room in shallow cans, carefully position SOCKET ADAPTER and SOCKET adjacent to the side of the LED DRIVER prior to inserting the RETROFIT KIT into the CAN.) **(FIG. 2 & 4)**

#### **LED HOUSINGS**

1. Plug the FEMALE CONNECTOR of the RETROFIT KIT onto the MALE CONNECTOR of the LED HOUSING. **(FIG. 3)**
2. Squeeze both FRICTION BLADES arms together and insert into the CAN. Tuck all wires into the CAN and carefully push the RETROFIT KIT into CAN. **(FIG. 2 & 4)**

