# INSTALLATION OF COMPACT FLUORESCENT DOWNLIGHTS AND WALL WASHERS



# READ AND UNDERSTAND THESE INSTRUCTIONS BEFORE INSTALLING FIXTURE.

This fixture is intended for installation in accordance with the National Electrical Code and local regulations. To assure full compliance with local codes and regulations, check with your local electrical inspector before installation. To prevent electrical shock, turn off electricity at fuse box before proceeding. This fixture is intended for ceiling mounting and is suitable for damp locations.

# Retain these instructions for maintenance reference.

## INSTALLATION OF DOWNLIGHT

## A. INSTALL WHITE TRIM RING

NOTE: Omit this section if reflector is self-flanged.

- 1. For overlapping trim installation (Fig. 1), slip WHITE TRIM RING over REFLECTOR, as shown in Fig. 2 and 3.
- 2. For flangeless trim installation (Fig. 4), WHITE TRIM RING is not required.

#### **B. SNAP-IN**

Align TABS on SOCKET CUP with openings in REFLECTOR and push in SOCKET CUP until RETAINING SPRING snaps in (Fig. 5).

#### C. PUSH-UP REFLECTOR

 Tilt REFLECTOR and insert SOCKET CUP into ceiling opening on side opposite JUNCTION BOX. Pivot REFLECTOR and push it up into ceiling (Fig. 6).

**NOTE:** To remove REFLECTOR, disengage the SOCKET CUP by depressing the RETAINING SPRING (Fig. 5). Turn REFLECTOR counterclockwise while pulling downward. After starting, use both hands to remove, if desired. See Fig. 7.

#### **D. LAMPING**

Insert lamp, tip first through hole in side of reflector opposite lamp SOCKETS. Bring lamp to horizontal position, line up pins, and push into socket (Fig.8). To relamp, carefully pull straight out of socket, tilt base downward, and remove lamp.

# INSTALLATION OF LENS WALL WASHER AND OPEN WALL WASHER

**NOTE:** Before Installing reflector, make sure the mounting frame is installed with JUNCTION BOX away from the wall to be illuminated (Fig. 10A or 10B).

#### FOR OPEN WALL WASHER

- 1. Remove two RETAINING SPRINGS that are near the JUNCTION BOX from the MOUNTING FRAME (Fig 9).
- 2. Insert two new RETAINING SPRINGS, that are provided with the reflector trim, into pocket of MOUNTING FRAME (Fig. 9A).
- 3. Then squeeze RETAINING SPRING into position with a plier (Fig. 9A).





FIG. 2

FIG. 3







FIG. 5



FIG. 6

TO REMOVE



FIG. 7



LIGI-ITOLIER<sup>®</sup> SECAUCUS, NEW JERSEY, 07096 MONTREAL, QUEBEC, CANADA

# INSTALLATION OF COMPACT FLUORESCENT DOWNLIGHTS AND WALL WASHERS (CONT'D)

## A. SNAP-IN

Align TABS on SOCKET CUP with openings in reflector and push in SOCKET CUP until RETAINING SPRING snaps-in (Fig. 5).

## **B. INSTALL WHITE TRIM RING**

- NOTE: Omit this section if reflector is self-flanged.
- 1. For overlapping trim installation (Fig. 1) slip WHITE RING over LENS TRIM as shown in Fig. 2 and 3.
- For flangeless trim installation (Fig. 4), WHITE TRIM RING is not required.

#### C. PUSH-UP REFLECTOR FOR LENS WALL WASHER

- Tilt REFLECTOR and insert SOCKET CUP into ceiling opening on side opposite JUNCTION BOX. Push REFLECTOR up leaving approximately one inch of the REFLECTOR exposed below the CEILING LINE (Fig. 10A).
- 2. Compress TORSIONTITE SPRINGS on LENS TRIM by squeezing with fingers. Insert into SLOTS in REFLECTOR and push up into REFLECTOR until flush with ceiling (Fig. 11).

NOTE: To remove REFLECTOR, lift LENS and pull LENS TRIM down (Fig. 12), then disengage the SOCKET CUP by depressing the RETAINING SPRING (Fig.5). Turn REFLECTOR counterclockwise while pulling downward. After starting, use both hands to remove. See Fig. 7.

#### PUSH-UP REFLECTOR FOR OPEN WALL WASHER

 Tilt REFLECTOR and insert SOCKET CUP into ceiling opening on side opposite JUNCTION BOX. Pivot REFLECTOR and push it up into ceiling (Fig. 13).

NOTE: To remove REFLECTOR, disengage the SOCKET CUP by depressing the RETAINING SPRING (Fig. 5). Turn REFLECTOR counterclockwise while pulling downward. After starting, use both hands to remove, if desired. See Fig. 7.

#### **D. LAMPING**

Line up pins and push into socket. To relamp, carefully pull lamp straight out.

## CARE AND MAINTENANCE OF ALZAK® REFLECTOR

If handling of reflectors with anodized or Alzak finish is required, the use of clean white or plastic film gloves is recommended to avoid fingerprints.

Anodized or Alzak surfaces can be cleaned by the following methods:

- 1. Wipe off with a soft, clean, dry, lint-free cloth.
- 2. Wipe off with a soft clean cloth dampened in mild detergent solution. Rinse, then wipe dry with lint-free cloth or paper towel.
- Wipe off with a clean cloth dampened with a solution of wetting agent and water (such as 2 oz. per gallon "Pluronic L62-LF" by Wyandotte Products). Then wipe dry.
- Or use a liquid wash such as Glass Wax<sup>®</sup>. Avoid gritty cleaning agents.

















