

## IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed, including the following:

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED. DISCONNECT POWER TO ALL CIRCUITS BEFORE WIRING FIXTURE. INSTALL IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL CODES. DO NOT CONNECT TO AN UNGROUNDED SUPPLY. READ ALL FIXTURE MARKINGS AND LABELS TO ENSURE CORRECT INSTALLATION OF FIXTURE. SUPPLEMENTAL INSTRUCTIONS MAY BE LOCATED ON THE FIXTURE, IN ADDITION TO THIS INSTRUCTION SHEET, REGARDING ORIENTATION, OR MOUNTING RESTRICTIONS.

## SAVE THESE INSTRUCTIONS

Install in compliance with the National Electric Code, any applicable local codes and any specific instructions given on the luminaire labels. If installing in conjunction with any additional options and/or accessories, also refer to the respective instruction sheets. For installation only by a qualified electrician.

NOTE: To maintain the ratings and approvals noted on the fixture nameplate, any fittings or mounting hardware supplied with this fixture, must be used with this fixture.

### SURFACE MOUNTED FIXTURES

1. Use mounting hardware (if provided) to secure the fixture to its location. If no hardware is supplied, any appropriate hardware can be used.
2. Fixtures with external mounting tabs must be mounted using all tabs.

### RECESSED FLANGE FIXTURES

1. To ensure an adequate seal between the flange and the ceiling system, it is important to have a square opening and a flat ceiling surface. When gypsum is used as the base material it should have adequate thickness to resist bowing. See appropriate specification sheet or contact Kenall directly for recommended ceiling cutout dimension. The cutout opening should be accurate to within a 1/16 of an inch.
2. Framing around the entire opening is recommended and should start at the rough opening. Typically, "C" shaped 16 gauge galvanized cold rolled channel used to frame the opening because of its straightness.
3. Gypsum board shall be secured to the framing material around the opening. The ceiling surface around the opening shall be flat and smooth and not run (deviate from a straight edge) more than 1/32 inch over 2 feet. The opening should always be cut into whole pieces of gypsum. Ceiling seams and joints shall be outside of fixture cutouts. Structural members running under the gypsum shall be whole pieces around the cutouts and run the length of the cutout, not just under the swing arm brackets/yoke positions.
4. After creating the rough opening, frame the opening on the plenum side of the ceiling.
5. Yoke Mounting: The yoke will span the width of the rough cutout and must be secured to C channel or framing material. Fasten the carriage bolt to the yoke with the nut in the hardware bag. Then, locate and secure the yoke bracket to the "C" channel, located so that the carriage bolts will engage the holes in the housing when the fixture is installed.
6. Connect the appropriate flexible raceway system to the wiring access hole.



7. Apply a bead of caulk to the ceiling side of the housing flange.
  8. Raise fixture into opening.\*
  9. MOUNTING:
    - B. YOKE MOUNTING: While lifting the fixture into the ceiling\*, align fixture mounting holes with all (4) bolts from the yokes so that they pass into the housing. Secure with remaining nuts tightening evenly until fixture is firmly seated and sealed in ceiling cutout.
    - B. SWING ARM MOUNTING: Turn each of the (4) swing arm screws approximately ½ turn to swing the arm away from the housing. Lower the fixture, letting the swing arm brackets come to rest on framing. Continue tightening swing arm screws until fixture is firmly seated in cutout.
  10. Remove excess caulk immediately being careful not to transfer any caulk beyond the door or fixture flange.
- \* This step may require two people for safety.

### **RECESSED GRID FIXTURES**

1. Fixture is designed for use with 1.00"/1.50" T bar grid systems with vertical grid T thickness' of less than ¼" with a maximum height of 2". Grid systems can be installed with standard 12, 24 or 48 inch center line spacing of grid.
2. Fixture housing lays into grid.

### **CUSTOMER SERVICE**

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For technical assistance, call 1-800-4KENALL (1-800-453-6255). For additional instructions, go to [www.kenall.com/Installs](http://www.kenall.com/Installs)

### **WARRANTY**

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For warranty information visit [www.kenall.com/Resources/Certified-Performance-Warranties](http://www.kenall.com/Resources/Certified-Performance-Warranties)

