

MAEC SERIES

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

The installation instructions below describe how to install the MAEC luminaire. This product is intended to be installed in pairs and spaced 42" on-center. If the product is equipped with a Reading light, locate the Left Side (RLLS) and Right Side (RLRS) luminaire prior to the start of installation. Refer to the diagram on Page 2 for correct orientation.

RECESSED GRID FIXTURES

Fixture is designed for use with 1" T-bar grid systems. Vertical grid T thickness is to be less than 1/4" with a maximum height of 2".

1. Disconnect facility power to the electric power supply leads.
2. Loosen screws from the door frame of the luminaire and open door.
3. Loosen screw from top center of ambient reflector.
4. Remove ambient reflector by pulling at both sides of base of ambient reflector and remove to a safe location.
5. Connect the appropriate flexible raceway system to the wiring access hole.
6. Complete wiring connections to AC supply, earth ground and dimming (if used) following all applicable electrical codes. If a low-voltage controller (LVC / LVCD) option is included and luminaires are paired together, then the units have been built to be controlled in a master-satellite arrangement. The low-voltage (5VDC) connections to the nurse-call/wall control devices should be run to the Master (M) unit. Power and dimming control wires should then be run from the Master (M) unit to the Satellite (S) unit following the included wiring instructions.

NOTE: If a separated circuit LVC option was ordered (LVCS / LVCS), then the Master unit will include a separate entry hole dedicated for connecting the low-voltage signal wiring from the nurse-call/bed-control devices.

7. Re-install ambient reflector, tighten locking screws.
8. Close door frame and tighten screws.
9. Raise the fixture into the opening.

RECESSED FLANGE FIXTURES

Flange installation requires the accessory Flange Kit.

1. Disconnect facility power to the electric power supply leads.
2. To ensure seal between the flange and the ceiling system, it is important to have a flat ceiling that is smooth and does not run (deviate from a straight edge) more than 1/32" over 2'.
3. When gypsum is used as the base material, it should have adequate thickness to resist bowing.
4. Before beginning installation, verify that the ceiling cutout dimension is 48.5" x 9.5" and should be accurate to within 1/16 of an inch.
5. The opening should always be cut into the whole pieces of gypsum. Ceiling seams and joints shall be outside fixture cutout.

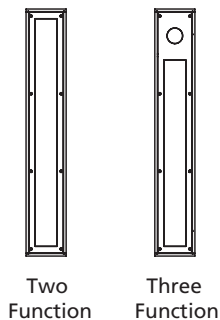


6. Frame around the entire opening. Typically, "C" shaped 16GA galvanized cold-rolled channel is used to frame the opening because of its straightness.
7. Framing members running under the gypsum shall be whole pieces around the cutout and run the length of the cutout.
8. Gypsum board shall be secured to the framing material around the opening.
9. Disconnect facility power to the electric power supply leads.
10. After creating the cutout opening, frame the opening on the plenum side of the ceiling.
11. Apply a bead of caulk to the ceiling side of the Frame Kit flange to seal to the ceiling.
12. Install the Frame Kit and secure to the framing.
13. Loosen screws from the door frame of the luminaire and open door.
14. Loosen screw from top center of ambient reflector.
15. Remove ambient reflector by pulling at both sides of base of ambient reflector and remove to a safe location.
16. Connect the appropriate flexible raceway system to the wiring access hole.
17. Complete wiring connections to AC supply, earth ground and dimming (if used) following all applicable electrical codes. If a low-voltage controller (LVC / LVCD) option is included and luminaires are paired together, then the units have been built to be controlled in a master-satellite arrangement. The low-voltage (5VDC) connections to the nurse-call/wall control devices should be run to the Master (M) unit. Power and dimming control wires should then be run from the Master (M) unit to the Satellite (S) unit following the included wiring instructions.

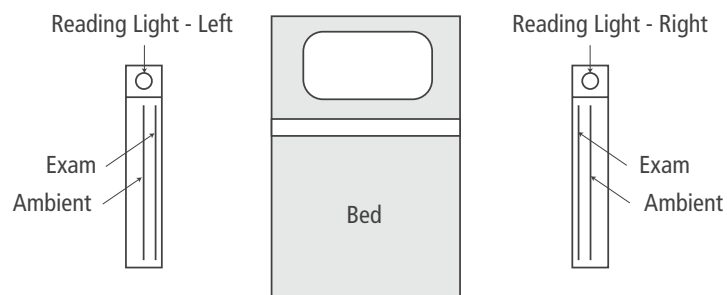
NOTE: If a separated circuit LVC option was ordered (LVCS / LVCDs), then the Master unit will include a separate entry hole dedicated for connecting the low-voltage signal wiring from the nurse-call/bed-control devices.

18. Re-install ambient reflector, tighten locking screw.
19. Close door frame and tighten screws.
20. Raise the fixture into the opening.

BOTTOM VIEW



READING AND EXAM LIGHT LAYOUT (Must be specified in pairs)



CUSTOMER SERVICE

For technical assistance, call 1-800-4KENALL (1-800-453-6255).

WARRANTY

For warranty information visit www.kenall.com/Resources/Certified-Performance-Warranties



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