MEDICAL TROFFER

INSTALLATION INSTRUCTIONS

WARNING:

- 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.
- Make sure all electrical power is turned off while installing the fixture.
- This luminaire must be adequately grounded for protection against shock hazards and to assure proper operation.
- Disconnect power before servicing.
- LEDs are ESD (Electro Static Discharge) sensitive devices that can be easily damaged if the proper ESD mitigating steps are not taken.
- LEDs are very sensitive to mechanical damage. Caution must be taken to avoid damage to the LEDs.
- ESD or mechanical damage voids all warranties.
- Suitable for wet location under covered ceiling.

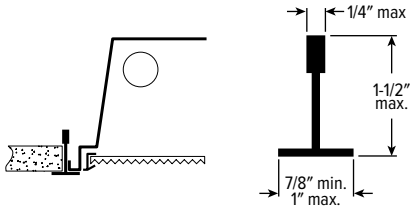
FOR USE WITH:

- MCT
- MST
- MDS

NEMA TYPE "G" (SEE PAGE 2 FOR NEMA TYPE "F" INSTALLATION)

WHAT IS A NEMA "G" (GRID) FIXTURE?

All Williams grid fixtures (NEMA Type "G") are designed to fit securely into a standard NEMA Type "G", 1" nominal T-bar system.



A. INSTALLATION

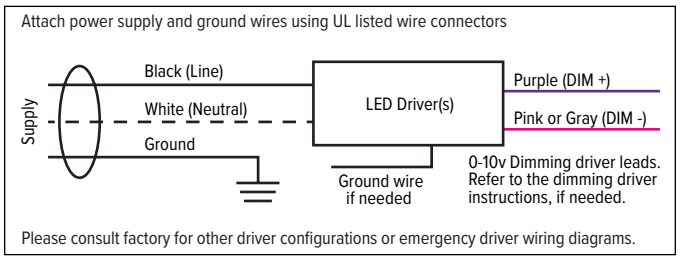
STEP 1: Follow the steps below to install the fixture(s) into a ceiling system:

- **A.** Raise the fixture through the ceiling opening and rest the fixture in the grid system.
- **B.** Center the fixture within the opening.
- **C.** Use earthquake clips or integral T-bar clips to secure the fixture to the ceiling structure for added stability.
- **D.** Refer to local codes for other installation requirements.

STEP 2: Once the fixture is installed into the ceiling system, follow the steps below to complete necessary electrical connections:

- **A.** Loosen screws on door frame until door releases from fixture and hangs from safety cables.
- **B.** Remove wireway cover.
- **C.** Remove needed KOs from fixture.
- **D.** Make wire connections in accordance with local codes. See (FIG 1).
- **E.** Re-install wireway cover and door frame.

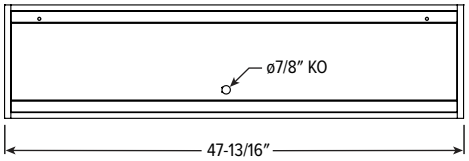
FIG 1



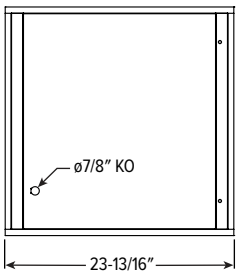
A. BACKVIEWS

	RECOMMENDED CEILING OPENING	
	MST/MCT	MDS
1x4	10-7/8" x 46-3/4"	12-3/8" x 48-3/8"
2x2	22-7/8" x 22-3/4"	24-3/8" x 24-3/8"
2x4	22-7/8" x 46-3/4"	24-3/8" x 48-3/8"

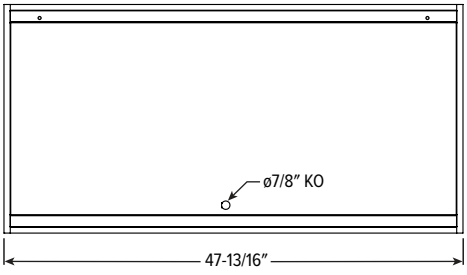
1x4



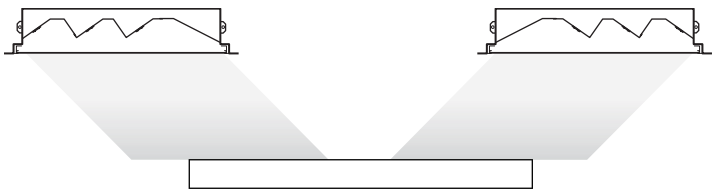
2x2



2x4

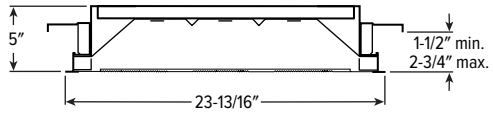


B. DIRECTIONAL THROW (MST & MDS ONLY)



MEDICAL TROFFER
INSTALLATION INSTRUCTIONS

NEMA TYPE “F” (See page 1 for NEMA TYPE “G” installation)



MCT/MST

For continuous row mounting, add 47-13/16″ for each additional fixture to obtain ceiling opening. 3/4″ between end plates.

MDS

For continuous row mounting, add finish trim size for each additional fixture.

	ROUGH-IN	FINISH TRIM SIZE
1x4	12-3/8″ x 48-3/8″	13-5/16″ x 49-5/16″
2x2	24-3/8″ x 24-3/8″	25-5/16″ x 25-5/16″
2x4	24-3/8″ x 48-3/8″	25-5/16″ x 49-5/16″

D. INSTALLATION

STEP 1: Follow the steps below to complete necessary electrical connections:

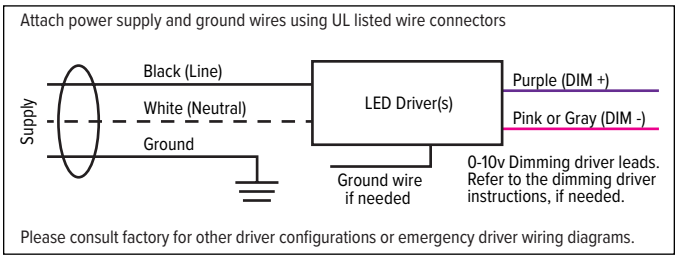
A. Remove door frame and lens assembly to expose internal components.

B. Remove internal wire-way cover to expose AC driver(s) (and emergency driver(s), if equipped).

C. On the back of the fixture bring incoming AC power into 7/8″ KO. See BACKVIEWS on page 1 for KO locations.

D. Make electrical connections per NEC and all applicable local electrical codes. (FIG 2)

FIG 2



STEP 2: Follow the steps below to install the fixture(s) into a ceiling system:

A. Make sure the swing-out arms are collapsed, setting against the fixture housing. See (FIG 3). With assistance, lift the fixture into the prepared ceiling opening.

B. Locate the swing-out arm screws in the fixture housing, near where the door frame would rest in the fixture. See FIG 1. Tighten the swing-out screws to engage the swing-out arms so that they clamp onto the ceiling support structure. See (FIG 4).

NOTE: Additional ceiling support may be used around the ceiling opening to aid in fixture installation.

C. Once the fixture is secured and locked in place, replace the internal wire-way cover to conceal the power supply and emergency driver. Replace the door frame and lens assembly.

FIG 3

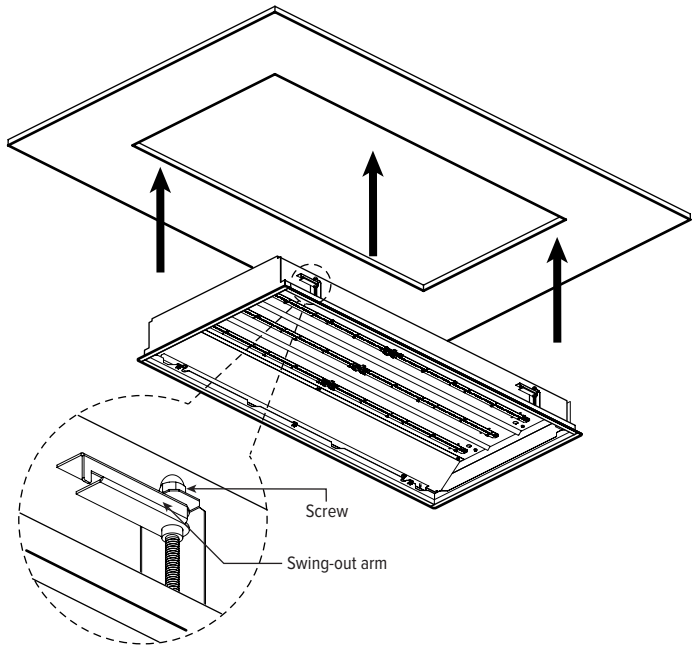


FIG 4