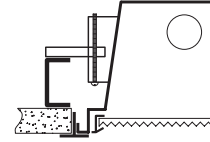


# NEMA TYPE "F" CEILING INSTRUCTIONS FOR USE WITH 50 SERIES 1' X 4' STATIC TROFFER

## What is a NEMA "F" (Flange) fixture?

- NEMA Type "F" fixtures ship with the side trims, end trims, and swing-out brackets assembled to the fixture.

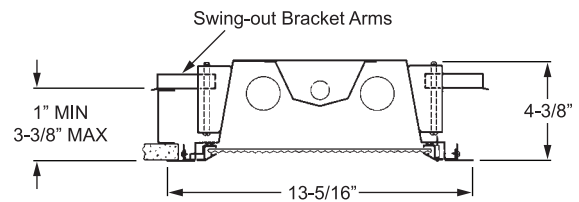


**\*\* Installation of this product should only be performed by a qualified electrician. \*\***

## SECTION 1:

1. Make sure ceiling cutout size and vertical ceiling structure meet specifications as shown below before proceeding with installation.

MAXIMUM RECOMMENDED CEILING OPENING		
WIDTH	LENGTH	NOMINAL FIXTURE SIZE
12-3/8"	48-3/8"	1' X 4'

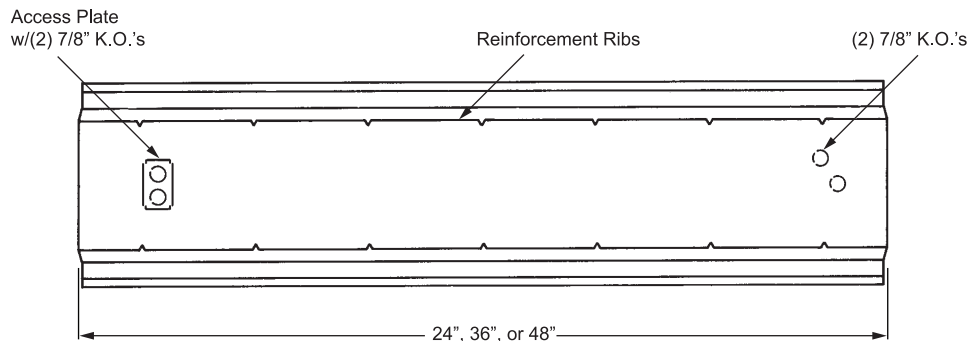


**NOTE:** If access above ceiling plane is not available, refer to Section 2 for electrical connection instructions before continuing.

2. If the cutout size and ceiling structure do meet specifications, then proceed with the following steps as listed below:
  - a. Remove door frame from fixture
  - b. Make sure Swing-out Bracket Arms are rotated inward against the fixture
  - c. Raise fixture into ceiling opening
  - d. Using a flat blade screwdriver, tighten each Swing-out Bracket Arm through the access hole provided under each bracket. Tighten until flange is pulled snug against the ceiling plane. **Do not over-tighten.**
  - e. Replace door frame

## SECTION 2:

1. Follow the steps below to make the necessary electrical connections to the fixture.
  - a. Remove access plate on the back of the fixture (see illustration below)
  - b. Remove ballast supply wires from access plate
  - c. Make wire connections in accordance with local codes. Ground screw is provided on access plate
  - d. Replace access plate

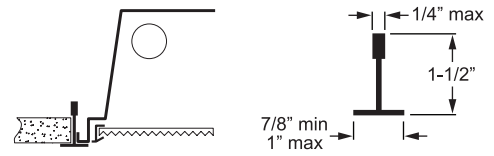


# NEMA TYPE "G" CEILING INSTRUCTIONS

## FOR USE WITH SERIES: EP, 50, BL, T8T, HET, MP, HE3, U3, U4

### What is a NEMA "G" (Grid) fixture?

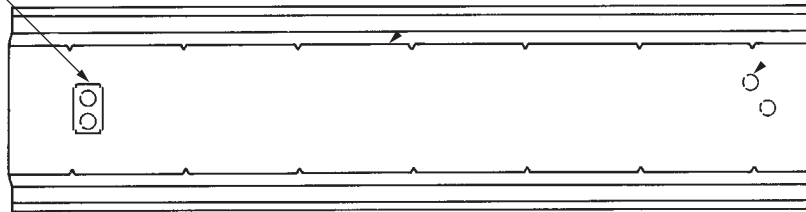
- All Williams grid fixtures (NEMA Type "G") are designed to fit securely into a standard NEMA Type "G", 1" nominal T-bar system.



**\*\* Installation of these products should only be performed by a qualified electrician. \*\***

1. Follow the steps below to install the fixture(s) into a NEMA Type "G" 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
2. Once the fixture is installed into the ceiling system, follow the steps below to complete necessary electrical connections:
  - a. Remove access plate on the back of the fixture (see illustration below)
  - b. Remove ballast supply wires from access plate
  - c. Make wire connections in accordance with local codes. Ground screw is provided on access plate
  - d. Replace access plate

Access Plate  
w/(2) 7/8" K.O.'s



**Note:** Refer to individual product specification sheets for further information



A Visible Difference