

NEMA TYPE "G"

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 dry and damp locations. Suitable for dry locations when specified with FieldSelect®.

FOR USE WITH:

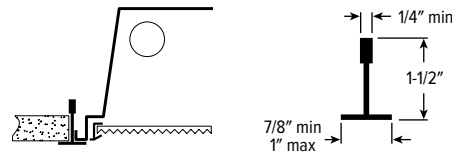
- | | | | |
|----------|----------|--------------------|--------------------|
| ▪ AP | ▪ 50IC | ▪ HET | ▪ PT – FieldSelect |
| ▪ AT1 | ▪ CT | ▪ HETL | ▪ SQR |
| ▪ AT2 | ▪ DIL | ▪ LPT | ▪ V50 |
| ▪ AT3 | ▪ EP | ▪ LT | ▪ VDIL |
| ▪ 50 | ▪ EP AIR | ▪ LT – FieldSelect | |
| ▪ 50 AIR | ▪ HE3 | ▪ PT | |

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

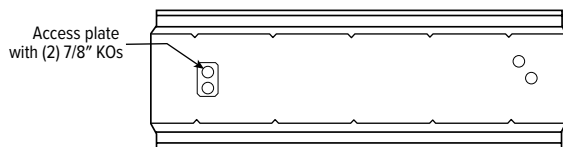
All Williams grid fixtures (NEMA Type "G") are designed to fit securely into a standard NEMA Type "G", 1" nominal T-bar system.



A. NEMA TYPE "G" INSTALLATION

- STEP 1:** Follow the steps below to install the fixture(s) into a NEMA Type "G" ceiling system:
- Raise the fixture through the ceiling opening and rest the fixture in the grid system.
 - Center the fixture within the opening.
 - Use earthquake clips or integral T-bar clips to secure the fixture to the ceiling structure for added stability.
 - 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 per NEC and all applicable local electrical codes: See FIG 2.D.1

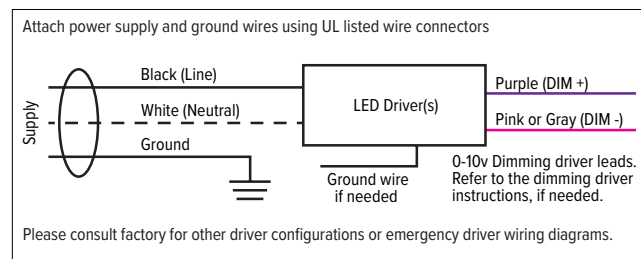
FIG 2.D.1



NOTE: Note: Refer to individual product specification sheets for further information.

- STEP 3:** Ballast disconnect accepts #12 - #16 AWG stranded or solid wire. See FIG 3.D.2

FIG 3.D.2



NEMA TYPE "G"

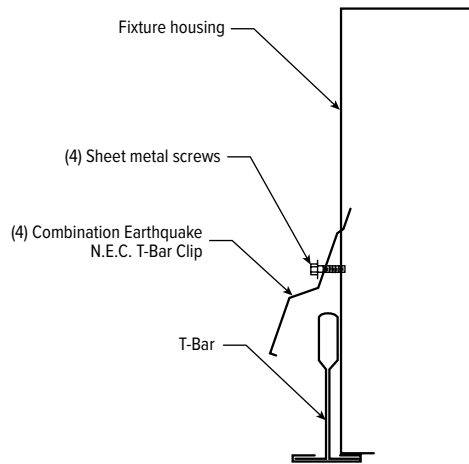
INSTALLATION INSTRUCTIONS

B. EARTHQUAKE CLIP INSTALLATION

NOTE: Factory-installed combination earthquake and N.E.C. T-bar clips are used to secure Williams light fixtures to the following NEMA ceiling types: G, SS, NFG.

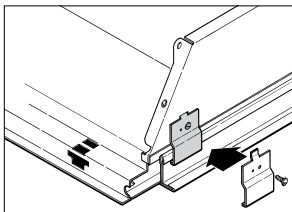
STEP 1: Before putting the fixture into the grid ceiling, loosen all 4 factory installed earthquake clips. See FIG 1.B.1

FIG 1.B.1



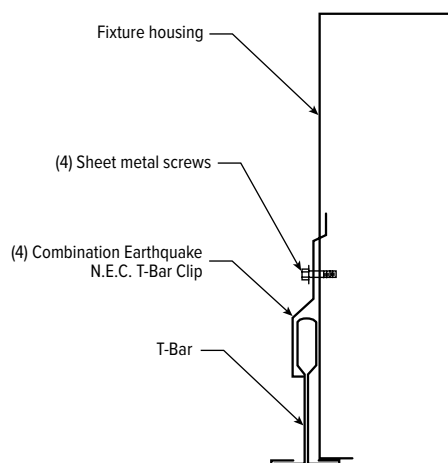
STEP 2: Lower the fixture into the grid, making sure that the earthquake clips are on the outside of the T-Bar. See FIG 2.B.2

FIG 2.B.2



STEP 3: Tighten all 4 earthquake clips completely so that they grip the T-Bar and prevent the fixture from being lifted out of the grid. See FIG 3.B.3

FIG 3.B.3



C. LT INSTALLATION

TO REMOVE LENS: Remove two screws from one end of the fixture, drop out the lens retainer & lens. Reassemble in reverse order.

FIG C.B.4



D. FIELDSELECT INSTALLATION

Set CCT selector switch prior to installing fixture (LT shown)

FIG D.B.5



CAUTION: De-energize before switching CCT. Failure to do so may damage the LEDs which will void the warranty.