NEMA TYPE F 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.

FOR USE WITH:

• 50F	 AT2 	 DILF 	• F
 AT1 	 AT3 	 HE3F 	• \

WHAT IS A NEMA "F" (FLANGE) FIXTURE?

NEMA Type "F" fixtures ship with the side trims, end trims, and swingout brackets assembled to the fixture. See specification sheets for exact dimensions of swing-out bracket vertical adjustment and ceiling cut-out.

NEMA TYPE "F" INSTALLATION

- STEP 1: Prepare the ceiling opening for the fixture.
 - NOTE: Do not exceed the maximum recommended ceiling opening. Refer to the specification sheet for dimensions. The supporting frame work, trusses, etc. can not exceed 3-1/2" in height.
- STEP 2: Locate the access plate on the back of the fixture and connect flex to the fixture, but do not make electrical connections.
- STEP 3: Install the fixture(s) into the ceiling system:
 - A. Make sure the swing-out arms are collapsed, setting against the fixture housing, see FIG 3.1. 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 3.1. Tighten the swing-out screws to engage the swing-out arms so that they clamp onto the ceiling support structure, see FIG 3.2.
 - NOTE: Additional ceiling support may be used around the ceiling opening to aid in fixture installation, see FIG 3.2.



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- 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.
- HETLF VDILF **V50F**





STEP 4: Once the fixture is secured and locked in place, make electrical connections per NEC and all applicable local electrical codes.

FIG 4.1

Driver/power supply disconnects accept #12 - #16 AWG stranded or solid wire. Attach power supply and ground wires using UL listed wire connectors. Please consult factory for other driver configurations or emergency driver wiring diagrams. Black (Line) Purple (DIM +) White (Neutral) LED Driver(s) Pink or Gray (DIM -) Supply Ground 0-10v Dimming driver leads. Refer to the dimming driver instructions, if needed. Ground wire if needed