



SERIES AM-L & AM-L-2

TYPE: _____
 CATALOGUE #: _____
 NOTES: _____



Fluorescent “T-Bar” Power Pack with Sealed Nickel Cadmium Battery

- AM-L** will light one lamp in a two-lamp fluorescent fixture
- AM-L-2** will light two lamps in a four-lamp fluorescent fixture

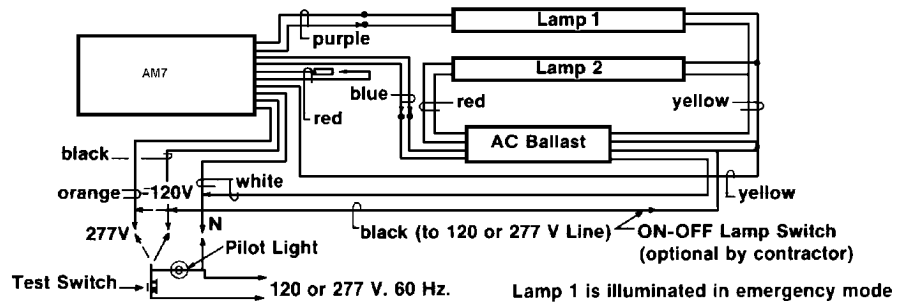


Application Designed for easy installation into T-Bar grid ceiling adjoining fluorescent fixture. Will convert any new or existing 2, 4, 6 or 8 ft. fluorescent fixture into instantaneous emergency lighting.

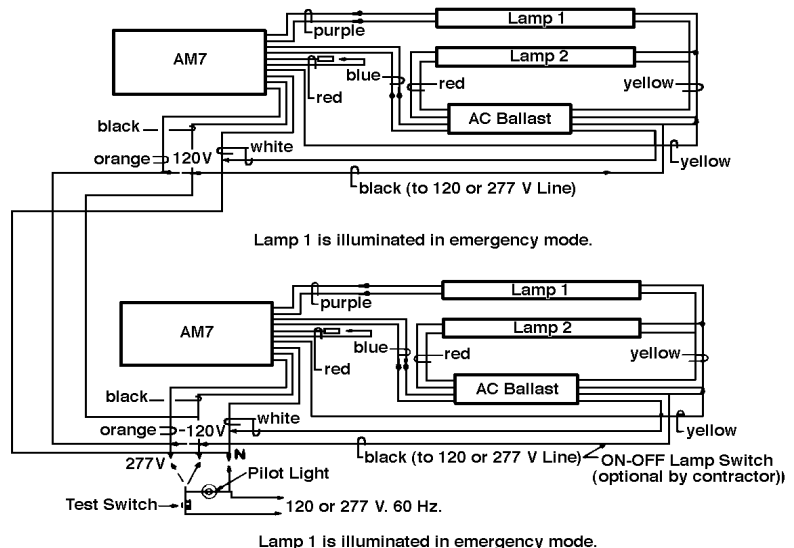
Features

- Unit consists of an AM7 fluorescent pack secured to upper surface (interior) of a metal panel.
- AM-L units will light one lamp in any 2, 4, 6 or 8 ft. fluorescent fixture.
- AM-L-2 units will light two lamps in any four lamp 2, 4, 6 or 8 ft. fluorescent fixture.
- Panel is installed into dropped ceiling, adjoining fluorescent fixture.
- Location of fluorescent pack outside of fixture eliminates heat problems and the need to fit pack into fixture channel.
- Test switch and pilot light are located on the lower surface (exterior) of the panel for easy access.
- Units can be easily wired to the fluorescent fixture according to the wiring diagrams.

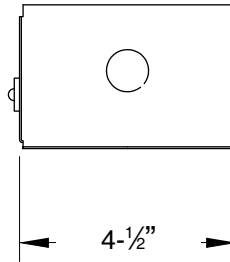
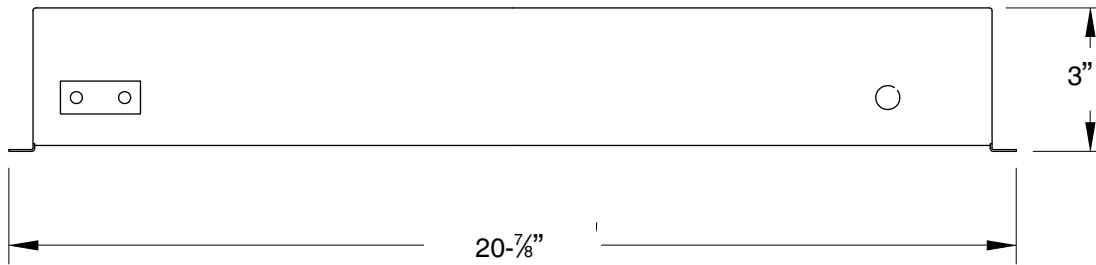
AM-L Wiring Diagram TYPICAL WIRING DIAGRAMS FOR RAPID START LAMP



AM-L-2 Wiring Diagram TYPICAL WIRING DIAGRAMS FOR RAPID START LAMP



Specifications For Series AM-L & AM-L-2



This housing is installed on a 6" x 24" metal panel for lay-in ceiling installation.

AM-L UNIT COMPONENTS: The AM-L system shall consist of one Model AM7 fluorescent pack secured to a 6" x 24" metal panel for lay-in ceiling installation. The housing shall contain the battery, battery charger, transfer equipment and the inverter ballast. A pilot light and test switch shall be provided. The wire bundle cover may be used for retrofit installation. The system shall light one lamp in any fluorescent fixture.

AM-L-2 UNIT COMPONENTS: Model AM-L-2 shall consist of two Model AM7 fluorescent packs secured to a 6" x 24" metal panel for lay-in ceiling installation. Each pack consists of a single housing containing the battery, battery charger, transfer equipment and the inverter ballast. A pilot light and test switch are shall be provided. The wire bundle cover may be used for retrofit installation. The system will light two lamps of a four lamp fluorescent fixture.

INSTALLATION: The unit is mounted to the upper surface of a metal panel, which is installed into a dropped or lay-in ceiling, adjoining the fluorescent fixture. The unit is wired to the fixture in accordance with the wiring diagram above. Input requirement: 120 or 277 volt 60Hz 10 watts for inverter-charger (wattage of lamp to be added to this).

BATTERY: Model AM-L & Model AM-L-2 includes a sealed, maintenance-free Nickel-Cadmium battery rated for high temperature. It is highly dependable and has a life expectancy of 5 years or more.

INVERTER-CHARGER-TRANSFER: The inverter circuit shall be of solid state design of the ferroresonant type. It shall operate all standard 2, 4, 6 or 8 ft. lamps.

Charging is fully automatic by a solid state constant potential type charger. It is temperature compensated to assure optimum battery life.

The transfer circuit connects the lamp to the battery when there is a failure of the normal power supply and returns it to the utility source when normal power returns. A solid state line-latched low voltage disconnect circuit disconnects the lamp from the battery when the battery voltage drops to about 80% of nominal to protect the battery from a deep discharge.

OPERATION: Upon failure of the normal AC source an automatic circuit instantly applies battery power to the inverter circuit to operate one lamp. The emergency lamp shall produce light for 90 minutes.

LIMITED WARRANTY: The entire unit shall carry a full three (3) year warranty against defective parts and improper workmanship under normal operation.

MANUFACTURER:

Unit shall be:

Lightalarms Model AM-L-3000

or

Lightalarms Model AM-L-2-3000

Ordering Information

Example: AM-L

Series
AM-L = series
AM-L-2 = series



Thomas & Betts