



SERIES AM28

TYPE: _____
 CATALOGUE #: _____
 NOTES: _____



500 Lumen Output Emergency Power Pack for T5 or T8 Fluorescent Lamps



Application The **AM28** from Lightalarms is a UL Listed fluorescent emergency ballast that allows the same fixture to be used for both normal and emergency operation. In the event of a power failure, the **AM28** switches to the emergency mode and operates one of the existing lamps for **90 minutes**. The unit contains a battery, charger, and inverter circuit in a single can. The **AM28** operates **T5 up to 28W** and **T8** lamps at an initial output of up to **500 lumens** for one lamp. The **AM28** delivers high performance in a slim design, and is ideal for use in linear lighting fixtures where ballast compartment space is limited.

Features

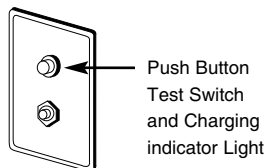
- U.L. Listed
- Will cold start and operate all specified lamps
- Long life high temperature Nickel-Cadmium battery
- Painted steel case
- Dual voltage 120/277Vac, 60Hz, 3,5W
- Includes test switch and charge indicator accessory kit
- 5-Year Warranty. See warranty page for details
- Slim design fits in smaller ballast compartments of fluorescent fixtures
- Meets or exceeds all National Electrical Code and Life Safety Code Emergency Lighting Requirements
- 90 minutes emergency operation
- Battery is recyclable through RBRC. Call 1 800 822-8837
- International Voltage and Damp Location Models available

Options

(Add Suffix to Model No.) Suffix
 Damp Location Listed-DL

Accessories

Description **Add Suffix**
 Remote test Switch.....**PSW**
 Recommended for inaccessible locations. Test switch and charging indicator on a single gang chrome mounting plate.



LUMEN OUTPUT
(1) Lamp - 500 Lumens

LAMPS OPERATED
Most 2'-4' T5 up to 28W or T8 linears lamps

EMERGENCY OPERATION
90 minutes

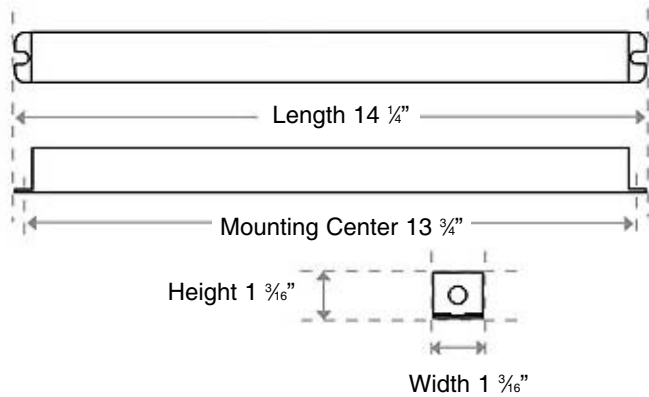
Ordering Information

Example: AM28

Series
AM28 = series

Specifications For Series AM28

CASE DIMENSIONS



TECHNICAL SPECIFICATIONS

Input Voltage.....	120/277Vac, 60Hz
Input Wattage.....	3,5 Watts
Lamps Operated	Most 2'-4' 28W T5 &T8 linear lamps
Emergency Operation.....	90 minutes
Initial Illumination*	(1) lamp up to 500 lumens
Operating Temp.....	0° to 55°C
Approval	U.L. Listed
Weight.....	2 lbs.

GENERAL: The contractor shall install the Lightalarms model AM28 consisting of a single, sealed housing compartment containing the battery, battery charger, transfer circuit, and high frequency inverter. A pilot light and test switch shall be provided. The AM28 shall be utilized in linear lighting fixtures where space is limited in the ballast compartment. Input power shall be 120/277Vac, 60Hz.

BATTERY: The Lightalarms model AM28 shall be provided with a sealed, maintenance-free, high temperature Nickel-Cadmium battery with a design life of 7 years.

COMPATIBLE LAMP TYPES: The AM28 shall cold start and operate most 2'-4' 28W T5 and T8 fluorescent lamps. Emergency operation capabilities of the AM28 shall be (1) 2'-4' 28W T5-T8 fluorescent lamps for a minimum of 90 minutes.

INVERTER-CHARGER-TRANSFER-CIRCUIT: The inverter circuit shall be of a solid state design capable of supplying an initial lumen output of (1) 500 lumens. Charging shall be fully automatic by means of a constant current type charger. The charging circuit shall recharge the batteries in accordance with the requirements of UL 924. A sealed, dust-tight transfer relay shall automatically and instantaneously transfer the inverted battery voltage to power the designated lamps.

ALTERNATE CONSTRUCTION: The contractor may supply the AM28-DL unit, listed for damp locations, according to the spec.

UL listed to standard 924. Complies with NEC, Life safety code and OSHA requirements

MANUFACTURER:

Unit Shall be **Lightalarms** Model _____



Thomas & Betts



SERIES AM54

TYPE: _____
 CATALOGUE #: _____
 NOTES: _____



825 Lumen Output Emergency Power Pack for T5 or T8 Fluorescent Lamps



Application Self-contained emergency ballast designed for use with most 2'-4' T5 or T8 lamps including HO and 36-55 watt 4 pin long compact fluorescent lamps. The AM54 Series is ideal for use in linear lighting fixtures where ballast space is limited. The AM54 Series is UL listed for factory installation or retrofit applications. The AM54 Series powers one existing lamps in a fixture for 90 minutes with an initial output of up to 825 lumens.

Features

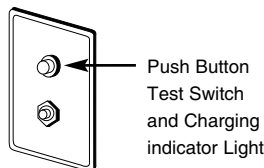
- U.L. Listed
- Will cold start and operate all specified lamps
- Long life high temperature Nickel-Cadmium battery
- Painted steel case
- Dual voltage input 120/277Vac, 60Hz, 3,5W
- Includes test switch and charge indicator accessory kit
- 5-Year Warranty. See warranty page for details
- Slim design fits in smaller ballast compartments
- Meets or exceeds all National Electrical Code and Life Safety Code Emergency Lighting Requirements
- 90 minutes emergency operation
- Battery is recyclable through RBRC. Call 1 800 822-8837
- International Voltage and Damp Location Models available

Options

(Add Suffix to Model No.) Suffix
 Damp Location Listed-DL

Accessories

Description
 Remote test Switch.....PSW
 Recommended for inaccessible locations. Test switch and charging indicator on a single gang chrome mounting plate.



LUMEN OUTPUT
(1) Lamp - 825 Lumens

LAMPS OPERATED
Most 2'-4' 28W & 54W T5 & T8, fluorescent lamps or T8 lamps incl. HO and 36-55W 4-pin long compact lamps

EMERGENCY OPERATION
90 Minutes

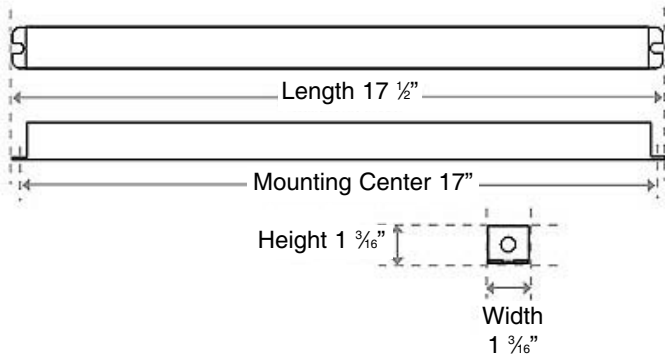
Ordering Information

Example: AM54

Series
AM54 = series

Specifications For Series AM54

CASE DIMENSIONS



TECHNICAL SPECIFICATIONS

Input Voltage.....	120/277Vac, 60Hz
Input Wattage.....	2.5 Watts
Lamps Operated	Most 2'-4' 28W & 54W T5 & T8, fluorescent lamps or T8 lamps incl. HO and 36-55W 4-pin long compact lamps
Emergency Operation.....	90 minutes
Initial Illumination*	(1) lamp up to 825 lumens
Operating Temp.....	0° to 55°C
Approval	U.L. Listed
Weight.....	4 lbs.

GENERAL: The contractor shall install the Lightalarms model AM54 consisting of a single, sealed housing compartment containing the battery, battery charger, transfer circuit, and high frequency inverter. A pilot light and test switch shall be provided. The AM54 shall be utilized in linear lighting fixtures where space is limited in the ballast compartment. Input power shall be 120/277Vac, 60Hz.

BATTERY: The Lightalarms model AM54 shall be provided with a sealed, maintenance-free, high temperature Nickel-Cadmium battery with a design life of 7 years.

COMPATIBLE LAMP TYPES: The AM54 shall cold start and operate most 2'-4' 28W & 54W T5 & T8, fluorescent lamps or T8 lamps incl. HO and 36-55W 4-pin long compact lamps. Emergency operation capabilities of the AM54 shall be (1) lamps for a minimum of 90 minutes.

INVERTER-CHARGER-TRANSFER-CIRCUIT: The inverter circuit shall be of a solid state design capable of supplying an initial lumen output of (1) 825 lumens. Charging shall be fully automatic by means of a constant current type charger. The charging circuit shall recharge the batteries in accordance with the requirements of UL 924. A sealed, dust-tight transfer relay shall automatically and instantaneously transfer the inverted battery voltage to power the designated lamps.

ALTERNATE CONSTRUCTION: The contractor may supply the AM54-DL unit, listed for damp locations, according to the spec.

UL listed to standard 924. Complies with NEC, Life safety code and OSHA requirements

MANUFACTURER:

Unit Shall be **Lightalarms** Model _____



Thomas&Betts