

Project	
Date	
Prepared By	
Model #	TBEM10

## Specifications

### ELECTRICAL

**Voltage:**

Direct Wire, 120-277VAC

**Frequency Range:**

50/60Hz

**Max. Power:** 10 watt

**Max. Standby Power:** 1 watt

**Charge Time:** 24 hours

**Power:** 10 watts

**Emergency Time:**

90 minutes

**Power Level:** Constant

**Protection:**

Output Open Protection  
and Overpower Protection

### AGENCY APPROVALS

**UL:** Listed to UL924 for the USA and Canada

cUL listed to CSA C22 No. 141  
Rated for use in damp locations

### PRODUCT DETAILS

**Operating Temp.:**

32° to 122°F (0° to 50°C)

**Battery Type:**

Lithium Ion (recyclable)

**Battery Capacity:**

2200 milli-amp 14.8V

**Warranty:** 5 years

**Life:** 100 full cycles

**Dimensions:**

12.7" L x 1.7" W x 1.2" H

## Emergency Back-Up for T8, T5 and PL-L Type B LED Tubes 10 watt Constant Power for 90 minutes



**ORDER CODE:**

11405

**MODEL NUMBER:**

TBEM10

### PRODUCT DESCRIPTION

TBEM10 is an emergency back-up power source designed to drive LED T8, T5 and PL-L Type B UL tubes in the event of a power failure. The TBEM10 provides a solution when retrofitting existing fixtures which have integral emergency back-up systems. The TBEM10 provides 10 watts of constant power to a single tube for a minimum of 90 minutes, meeting NEC and NFPA requirements for emergency lighting when installed properly. It is an energy saving solution to existing fluorescent emergency systems and installs following a similar wiring diagram, utilizing both switched and un-switched load wires found in these applications. Ships complete with installation instructions and test switch. The charging system and lithium-ion battery have a design life of over 100 deep cycles. 5 year warranty. The TBEM10 is compatible with most EarthTronics 24", 36", 48" and U-Bend T8 LED Type B tubes as well as select T5 Type B. Please consult our compatibility listing.

Please consult lamp compatibility list at [Emergency Back-Up Type B Compatibility List](#).

### PRODUCT FEATURES

- + 10 watts of emergency power for one lamp
- + Constant power over 90 minutes
- + Standby power consumption of only 1 watt
- + Easy retrofit of existing EM units, similar wiring pattern
- + UL listed for use in the USA and Canada
- + Compatible with LED Type B direct wire T8 lamps
- + Recharges in 24 hours or less
- + Works with select T5, T8 and PL-L
- + Designed for 100 deep cycle life
- + Five Year warranty

### APPLICATIONS

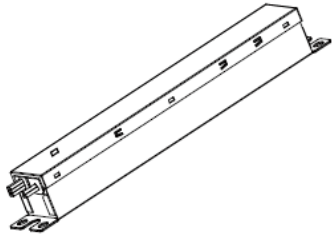
Retrofit of fluorescent fixtures in:

- + Offices
- + Health Care
- + Institution
- + Commercial
- + Industrial

Manufacturer model number: EXM-Z1FM1Y-CW10-12R6-SN-XX

Please consult lamp compatibility list at [Emergency Back-Up Type B Compatibility List](#). Compatibility list can be accessed at [www.earthtronics.com/resources](http://www.earthtronics.com/resources).

## UNIT DIMENSIONS



## UNIT DETAILS

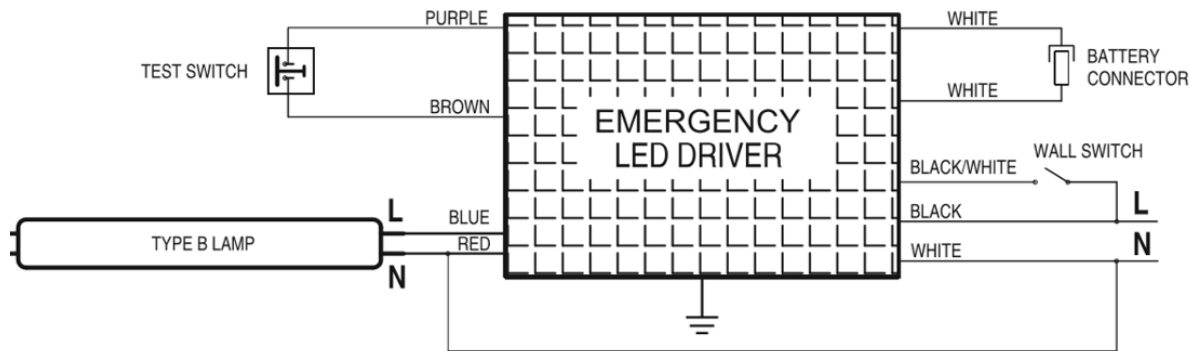
Dimensions:

12.7" L x 1.7" W x 1.2" H

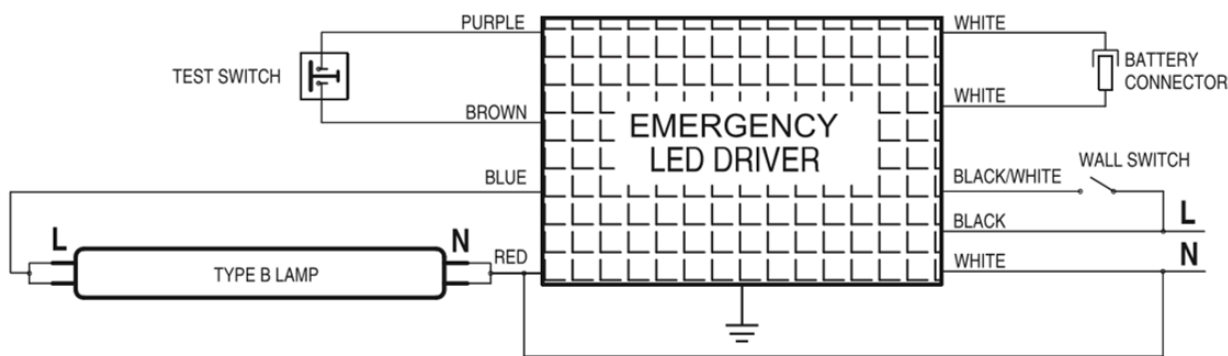
Weight: 1.32 LBS

UPC: 840791114056

## WIRING DIAGRAM



SINGLE-END INSTALLATION



DOUBLE-END INSTALLATION

