

## EMERGENCY BATTERY BACKUP

for Litetronics LED High Bays, fixtures and retrofits

### DESCRIPTION

This battery backup unit delivers emergency power to a wide range of Litetronics standard LED High Bays, fixtures and retrofits. In the event of a power outage, it supplies the connected fixture with 90-minutes of light, enabling sufficient visibility for occupants to safely exit the space.

This unit is intended to support higher output fixtures, up to 200W, providing enough power for the fixture to meet the standard footcandle requirements for emergency lighting. Automatic monthly self-testing ensures that the fixture is always ready, and the paired indicator module gives a visual confirmation of the operational status.

Designed with versatility in mind, this unit offers two options for mounting. When used with our range of grid ceiling solutions, the indicator module can be recessed in an adjacent panel. When used with drywall or open ceiling applications, our second option can be directly attached to the side of the fixture via adhesive. In both options, the indicator modules include lights that communicate the current status of the unit.



### FEATURES

- Provides 90 minutes of emergency light during power loss
- Automatic monthly self-testing
- Compatible with fixtures up to 200W
- Manual testing via remote control (optional)
- Indicator module mounting compatibility with grid ceiling, drywall, or open ceiling applications
- ETL approved for damp locations
- 50,000-hour rated life
- 5-year warranty

### SPECIFICATIONS

- Average rated life: 50,000 hours
- Warranty: 5 years
- Operating temperature: 32°F to 122°F
- Output power: 20 Watts
- Operation time: 90 minutes
- Input voltage: 120-277V
- Input frequency: 50/60 Hz
- Recharge time: 24 hours
- Weight: 2.12 lbs.
- Location rating: Damp
- ETL listed: Yes
- RoHS compliant: Yes

### APPLICATIONS

- Emergency battery backup

### DIMENSIONS

- 8.54" x 5.74" x 1.34"

### CERTIFICATIONS



## ORDERING

### EB UNIT

ORDERING CODE	DESCRIPTION	WATTS	VOLTS
EB20	20W Emergency Battery Backup for LED High Bays	20	120-277



### INDICATOR MODULES

MODEL #	DESCRIPTION	USAGE
EBAM	Adhesive-mounted Indicator Module	This unit is used in open ceiling applications. It connects to the EB20 and is mounted via adhesive to the side of the fixture, where it displays the unit's current status of operation.
EBCM	Ceiling-mounted Indicator Module	This unit is used in grid ceiling applications. It connects to the EB20 and is recess mounted in an adjacent panel where it displays the unit's current status of operation.



### TEST REMOTE

MODEL #	DESCRIPTION	USAGE
TR01	Test remote for integrated EBB	Test and demo EBB functionality. One remote will control all EBB equipped units.



## OPERATION

- Fixtures will operate normally when power is available. When an outage occurs, the fixture will switch to battery backup, delivering power to the fixture for up to 90 minutes.
- If the EB20 battery runs out, the fixture will turn off until power is restored. Once restored, the EB20 battery will begin charging.
- Each indicator module option will display the current status of the unit; a green light indicates a full charge and a red light indicates the unit is currently charging.
- The EB20 includes automatic monthly and annual self-testing functionality. If a problem is detected, a yellow light will appear.
- Testing can also be done via remote control. Press the TEST button on the remote and the fixture will enter into emergency operation for three seconds, then resume normal operation.

## COMPATIBILITY

The EB20 is compatible with all Litetronics products, as well as any other manufacturer fixtures if power is less than 200W and 0-10V dimming is included.

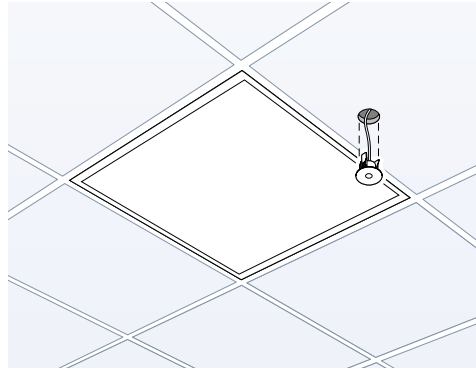
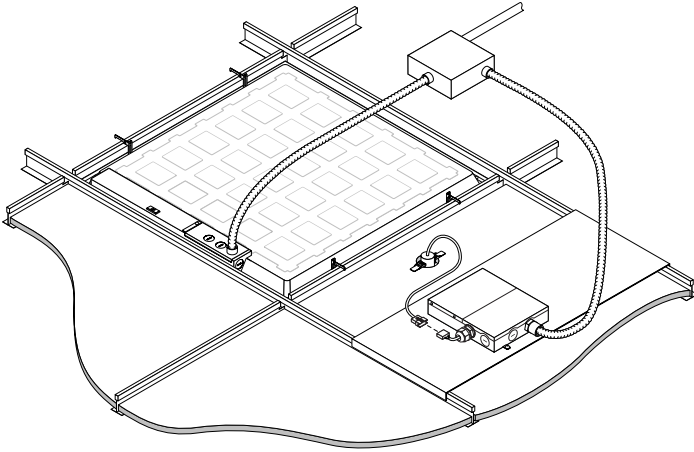
**PLEASE NOTE:** When used with a sensor-equipped fixture, the sensor settings will remain active, overriding the EB20, and cause the fixture to dim or turn off based on its occupancy settings. This is not ideal for an emergency situation and may not meet code requirements. We recommend that the EB20 is used on a fixture that does not include occupancy sensing or daylight harvesting.

## INDICATOR MODULE MOUNTING OPTIONS

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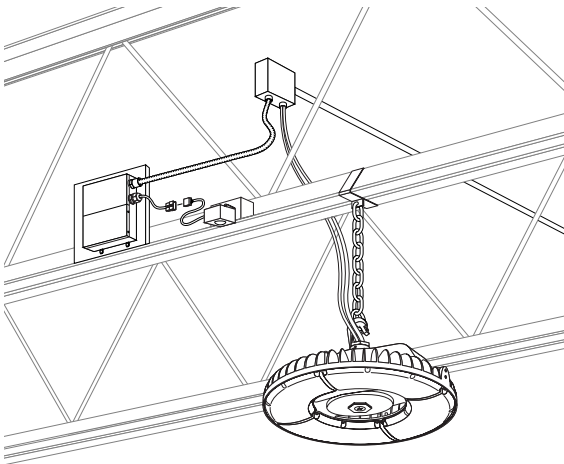
### CEILING MOUNTED

In grid ceiling applications, the EB20 is mounted close to the driver and the indicator module is recessed in an adjacent panel where it will display the unit's current status of operation.



### ADHESIVE MOUNTED

In an open ceiling applications, the EB20 is mounted close to the junction box and the indicator module is attached via adhesive to a nearby structural element, where it will display the unit's current status of operation.



## HAVE QUESTIONS?

Our Customer Service team can help. Call us at 800-860-3392 or send an email to [customerservice@litetronics.com](mailto:customerservice@litetronics.com)