

EMERGENCY BATTERY BACKUP

for Litetronics Smart fixtures and retrofits

DESCRIPTION

This 10W battery backup unit delivers emergency power to a wide range of Litetronics Smart LED panels, troffers 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. The EBB unit will also temporarily override any sensor functionality, ensuring the emergency light will stay on for a full 90-minutes.

The EB10N cycles through self-testing on a monthly basis, ensuring it's always ready for action. In addition, an indicator light module displays color-coded lights that show the current operational status of the unit. When used with our range of grid ceiling solutions, the EBCM indicator module can be recessed in an adjacent panel. When used with drywall or open ceiling applications, our EBAM can be directly attached to the side of the fixture via adhesive. For manual testing or demo purposes, a remote control is also available.

FEATURES

- Provides 90 minutes of emergency light during power loss
- Monthly/annual self-testing
- 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
- 18" of flexible conduit included

APPLICATIONS

- Emergency battery backup

DIMENSIONS

- Driver: 15.88" x 1.77" x 0.965"
- Conduit: 18"



SPECIFICATIONS

- | | |
|--|------------------------------|
| ▪ Average rated life: 50,000 hours | ▪ Operation time: 90 minutes |
| ▪ Warranty: 5 years | ▪ Recharge time: 24 hours |
| ▪ Operating temperature: 32°F to 122°F | ▪ Weight: 1.76 lbs. |
| ▪ Output power: 10 Watts | ▪ Location rating: Damp |
| ▪ Input voltage: 120-277V | ▪ ETL listed: Yes |
| ▪ Input frequency: 50/60 Hz | ▪ RoHS compliant: Yes |
| | ▪ UL924 compliant: Yes |

CERTIFICATIONS



ORDERING

Each EB10N unit must be ordered with one of the two indicator modules, which display the unit’s current status of operation. See the usage guide below to choose the best option for your space.



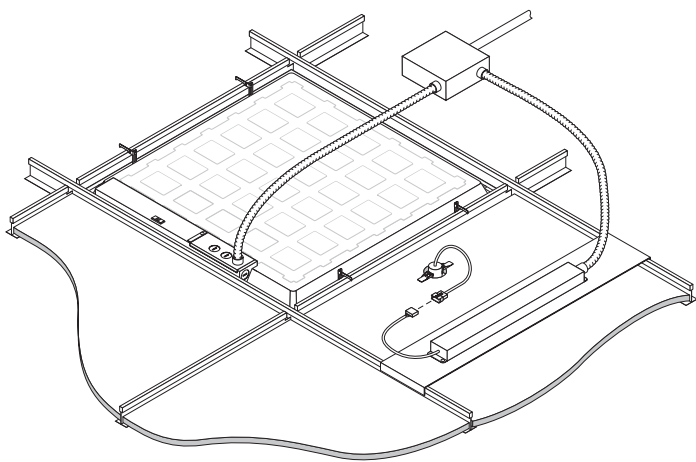
MODEL #	DESCRIPTION	WATTS	VOLTS	OPERATING TIME
EB10N	10W Emergency Battery Backup for smart fixtures	10	120-277	90 minutes

MODEL #	DESCRIPTION	USAGE
EBCM	Ceiling-mounted Indicator Module	This unit is used in grid ceiling applications. It connects to the EB10N and is recess mounted in an adjacent panel where it displays the unit’s current status of operation.
EBAM	Adhesive-mounted Indicator Module	This unit is used in drywall/open ceiling applications. It connects to the EB10N and is mounted via adhesive to the side of the fixture, where it displays the unit’s current status of operation.
TR01	Test remote for integrated EBB	Test and demo EBB functionality. One remote will control all EBB equipped units.

INDICATOR MODULE MOUNTING OPTIONS

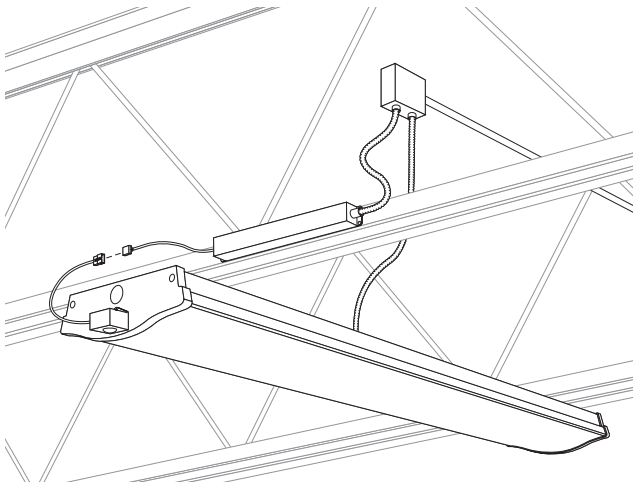
CEILING MOUNTED

In grid ceiling applications, the EB10N 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 drywall or open ceiling applications, the EB10N is mounted close to the driver and the indicator module is attached via adhesive to the side of the fixture, where it will display the unit’s current status of operation.

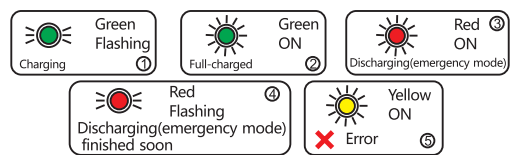


OPERATION

- 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.
- In emergency mode, the EB10N unit will bypass the fixtures sensor functionality, disabling occupancy sensing and ensuring the light will stay on for the full 90 minutes.
- If the EB10N battery runs out, the fixture will turn off until power is restored. Once restored, the EB10N 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 EB10N 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.

INDICATOR MODULE LIGHT REFERENCE GUIDE

- Green/flashing = Charging
- Green/solid on = Fully charged
- Red/solid on = Discharging/emergency mode
- Red/flashing = Discharging with limited battery life remaining
- Yellow/solid on = Error. Contact Litetronics for troubleshooting



TESTING

- The fixture includes an automatic monthly self-testing function, which operates at 30-day intervals for 5 minutes and 360-day intervals for 90 minutes. During testing, the red indicator light will remain on.
- Additional testing and demo functionality is available via remote control, part # TR01 (sold separately).

COMPATIBILITY LIST

The EB10N is compatible with the following Litetronics fixtures and retrofits.

LED LIGHT PANEL RETROFIT	LED VOLUMETRIC RETROFIT
PRT1XXN	VRT1XXN
PRT2XXN	VRT2XXN
PRT4XXN	VRT4XXN
LED LIGHT PANEL	LED VOLUMETRIC TROFFER
PT1XXN	VLT1XXN
PT2XXN	VLT2XXN
PT4XXN	VLT4XXN

HAVE QUESTIONS?

Our Customer Service team can help. Call us at 800-860-3392 or send an email to customerservice@litetronics.com