

PROJECT:			
CATALOG #			
TYPE:		DATE:	

LED EMERGENCY LIGHT

for High Bay Applications

DESCRIPTION

The safety-focused LED Emergency Light is the first of it's kind designed specifically for high bay applications. In times of power loss, it delivers 90 minutes and 4,000 lumens of illumination and visibility, helping occupants navigate their way to safety.

It's unique, patent-pending design enables compatibility across a range of input voltages, from 120V to 480V without the use of a step-down transformer. Installation is simple and routine testing is made convenient via monthly self-testing function or manual remote control. It can also be mounted as high as 40', while still delivering sufficient light to an area below, making it the perfect emergency solution for high ceiling applications.

FEATURES

- Provides 90 minutes of emergency light during power loss
- Compatible with input voltage range of 120V to 480V without the use of a step down transformer
- Can be mounted up to 40' while still meeting code requirements
- Monthly self testing or easy manual testing via remote control
- ETL approved for wet locations with IP66
- Snap hook and 1/2" pendant mounting compatibility
- 10' power cord
- 50,000-hour rated life
- 5-year warranty
- Limited 2-year battery warranty
- 5' safety cable

MOUNTING

- Snap hook
- 1/2" pendant (or 3/4" with accessory)



APPLICATIONS

- Emergency lighting
- High ceilings/high bay applications

CERTIFICATIONS



SPECIFICATIONS

**Life (@L70):** 50,000 hours  
**Warranty:** 5 years  
**Battery Warranty:** Limited 2 years

PERFORMANCE

**Operating temp:** 32°F to 122°F (0°C to 50°C)  
**Efficacy (LPW):** 30W = 4,000 lumens  
**CRI:** 80

ELECTRICAL

**Input voltage:** 120-277V | 347V | 480V  
**Input frequency:** N/A  
**PF:** N/A  
**THD:** N/A  
**Surge protection:** 2KV  
**Dimming:** N/A  
**Minimum dimming:** N/A  
**Aux. Voltage:** N/A  
**Driver CL:** N/A  
**Whip/Cord:** Yes, 10'  
**Sensor:** N/A

OPTICAL

**Beam:** 100°  
**Lens:** Polycarbonate Frosted  
**UGR:** N/A

PHYSICAL

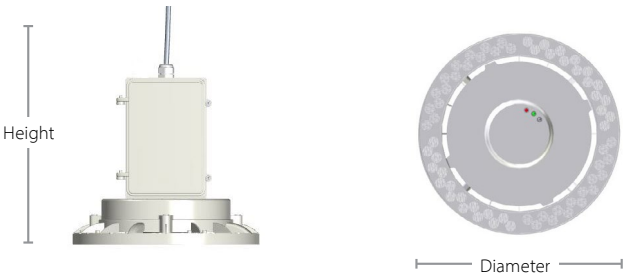
**Finish:** N/A  
**Color:** White  
**Housing:** N/A

INDUSTRY STANDARDS/RATINGS

**IP:** 66  
**IK:** N/A  
**Location:** Wet  
**IC:** N/A  
**UL/ETL:** ETL  
**FCC:** Yes  
**RoHS:** Yes  
**DLC:** N/A

DIMENSIONS / WEIGHT

ORDER#	HEIGHT	DIAMETER	WEIGHT
HBEM30	11.8"	10.8"	6.2 lbs



OPERATION AND TESTING

- Set at 30W, emergency time is 90 minutes at 4,000 lumens
- Wattage can also be set to 21W, enabling emergency time of 120 minutes at 2,800 lumens using TR01 remote
- When the green light is illuminated, the battery is fully charged
- When the red light is illuminated, the battery is charging
- Full battery charge time is 24 hours
- The fixture includes automatic monthly and anual self-testing function
- To test emergency functionality via remote control, press button 1 on the remote and the fixture will enter emergency operation for three seconds



Automatic Self-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.

Remote Testing

Follow instructions on page 1.

Please note: There is no function when operating the remote control within the first five minutes after AC power is restored.

Decrease output power/time

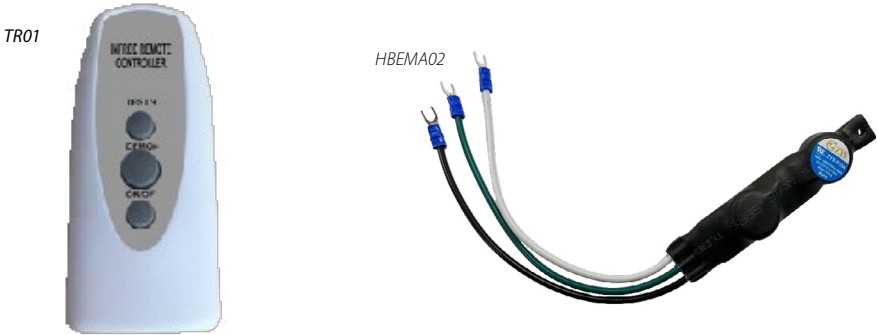
By default, the HBEM uses 30W and delivers 90 minutes of light in times of power loss. However, this can be adjusted to output 70% of full power for a total of 120 minutes.

To adjust output, press and hold the ON/OFF button for 5 seconds. The green indicator light will flash and the change will be saved. Repeat this operation and the fixture will revert back to 100% at 90 minutes.

ORDERING

This emergency light is compatible with all voltage options listed below.

ORDERING CODE	DESCRIPTION	WATTS	VOLTS	CCT (K)	LUMENS
HBEM30	30W Emergency High Bay in 5000K	30	120-277   347   480	5000	4,000



MODEL #	DESCRIPTION	USAGE
TR01	Test remote for integrated EBB required	Test and demo EBB functionality. One remote will control all EBB equipped units.
HBEMA02	10KV surge protector	Used for applications that need increased surge protection

**Disclaimer:** Specifications are subject to change without notice. While Litetronics makes every effort to ensure accuracy, we do not guarantee the completeness or reliability of the information provided. For the most current product data, please visit [www.litetronics.com](http://www.litetronics.com).