

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

# EBB Series

HAZARDOUS LOCATION EMERGENCY LIGHT

## FEATURES

- Integral battery design with 60 watts capacity for 90 minutes
- 3 each individually adjustable, 20 watt MR-16 lamps
- Fully Automatic Charger with Low Voltage Disconnect
- Remote Test Station included
- VEXA400 - Exit Accessory
- EZG1 - Globe Guard
- VMPSD40 - Dome Reflector



VEXA400 EXIT Housing - Sold separately



Remote Test Station Included

## RELATED PRODUCTS

HLEBS - Hazardous Location Emergency Lighting System



## SPECIFICATIONS

### APPLICATION

- The EBB Series is a self-contained hazardous location emergency light which is designed for environments known to have high concentrations of gas, explosive vapors and dust
- The EBB is intended for use in oil and gas refining, chemical production and storage, grain processing and paint manufacture
- The EBB provides emergency illumination for 90 minutes in the event of power outage

### CONSTRUCTION

- EBB Series housing is made of copper-free (less than 0.4%) aluminum with a baked on electro-statically applied polyester epoxy for maximum corrosion resistance
- The housing contains four lead acid batteries which deliver 60 watts to power 3-20 watt adjustable MR-16 halogen lamps for 90 minutes in the event of power outage

### CONSTRUCTION (CONT.)

- Includes remote test station for ease of testing
- Glass globe is pre-stressed heat and impact resistant glass. Includes red AC power on indicator

### INSTALLATION

- EBB can be ordered for pendant or wall mount
- Electrical connections are made to an integral female connection block in the mounting cap
- The electrical connection is made to the lamp-head by a terminal block which allows easy disconnect for servicing

### ILLUMINATION

- EBB uses 3 each 12VDC, 20 watt MR-16 halogen lamps positioned inside the glass globe
- The lamps are independently adjustable

### COMPLIANCES

- Class 1, Div. I & II, Groups C, D
- Class 1, Zones I & II, Groups IIB, IIA
- Class II, Div. I & II, Groups E, F, G
- Class III, Div. I & II
- NEMA 7CD, 9EFG
- UL924 emergency
- UL844 Hazardous
- UL924 Emergency Listed
- UL844 Hazardous Location Listed

### WARRANTY

- Full 3 year warranty
- See [HLI Standard Warranty](#) for additional information

## ORDERING GUIDE

Catalog Number	Description	Accessories (Order Separately)	
EBB32010A2	3 Lamp, 20 Watt, Pendant Mount, 3/4" Hub	VEXA400	Exit Accessory
EBB32010A3	3 Lamp, 20 Watt, Pendant Mount, 1" Hub	EZG1	Globe Guard
EBB32010B3	3 Lamp, 20 Watt, Wall Mount, 1" Hub	VMPSD40	Dome Reflector

DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_

TYPE: \_\_\_\_\_ PROJECT: \_\_\_\_\_

CATALOG #: \_\_\_\_\_

# EBB Series

HAZARDOUS LOCATION EMERGENCY LIGHT

## ADDITIONAL PRODUCT INFORMATION

### ELECTRONICS

Factory wired for 120VAC. Can be field changed to 208,240 or 277VAC. Fully automatic charger which includes low voltage disconnect to prevent deep discharge of the battery. Four maintenance-free lead acid batteries provide 12VDC output to power 3 each, 20 watt MR16 lamps for a minimum of 90 minutes. Safety disconnect feature automatically removes battery power to lamps if the globe is removed. Electrical continuity is not made during assembly or disassembly without 5 or more threads secured to ensure any flame path is contained.

### STANDARD FEATURES INCLUDE:

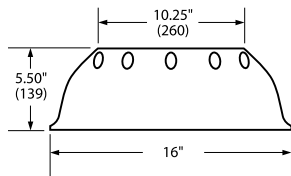
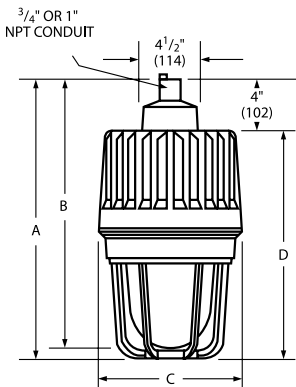
- Intelligent 2-wire input connection
- External push-to-test switch and AC-on indicator
- Battery re-charge within 24 hours
- AC Lock-out circuit
- Low voltage disconnect
- Conduit entry knock-out located at the top center
- Microprocessor controlled pulse charger

### OPERATING TEMPERATURE RANGE:

**Standard:** 32° to 104°F (0° to 40°C)

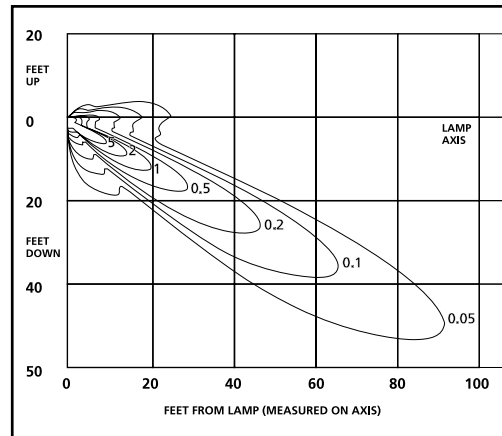
**Weight:** Approximate 48lbs

## DIMENSIONS



Pendant			
A	B	C	D
22"	21-1/4"	11-1/4"	18"
(558mm)	(539mm)	(285mm)	(457mm)
Wall			
A	B	C	D
22-7/8"	22-1/8"	16-3/4"	18"
(580mm)	(561mm)	(425mm)	(457mm)

## PHOTOMETRICS



Typical vertical ISO foot candle distribution. One 20 watt lamp aimed at 20° below horizontal. Note: Some minor variations in light spread will occur as each lamp is rotated up/down within the glass globe.

## MOUNTING OPTIONS



Pendant



Wall

## ACCESSORIES



VEXA400 EXIT Housing - Sold separately



EZG1 Globe Guard



Remote Test Station Included



VMPSD40 Dome Reflector