



EBB Series

Hazardous Location Emergency Light

Catalog Number	
Comments	Type

FEATURES

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.

Listings

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

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. 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, wall or ceiling 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

UL924 Emergency Listed
 UL844 Hazardous Location Listed

Warranty

3 Year Warranty



Remote Test Station - Included



EXIT Housing - Sold separately

ACCESSORIES

- VEXA400** Exit Accessory
- EZG1** Globe Guard
- VMPSD40** Dome Reflector

ORDERING GUIDE

Model	# of Lamps	Wattage	Mounting	Hub
EBB	3 (3) Lamps	20 20 Watt	10A Pendant 10B Wall 10X Ceiling	2 3/4" Hub 3 1" Hub

NOTE: 10X Ceiling Mount option not available with 3/4" Hub Size



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SPECIFICATIONS

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:

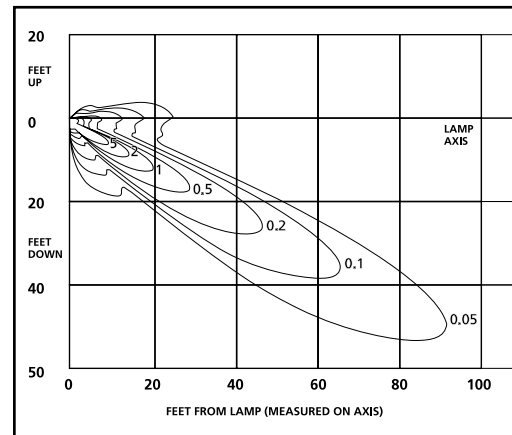
- External remote hazardous location test station included
- AC-on indicator located inside lamp-head
- MR16 halogen lamps are included
- Large red name-plate includes certifications and ratings in English and French

Operating Temperature Range:

Standard: 32° to 104°F (0° to 40°C)

Weight: Approximate 48lbs

PHOTOMETRICS

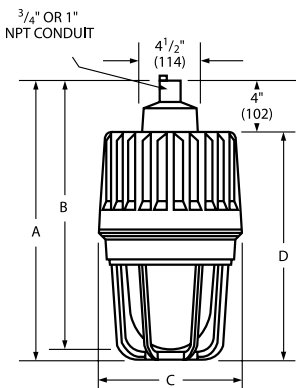


Typical vertical ISO foot candle distribution. One 20 watt lamp aimed at 20° below horizontal. Note: Some minor variations in light spread will occur as each lamp is rotated up/down within the glass globe.

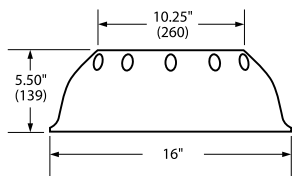
MOUNTING OPTIONS



DIMENSIONS



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



ACCESSORIES



VEXA400
EXIT Housing-
Sold separately



VMPSD40
Dome Reflector



EZG1
Globe Guard



Remote Test
Station Included