

Project:	
Type:	
Catalog #:	



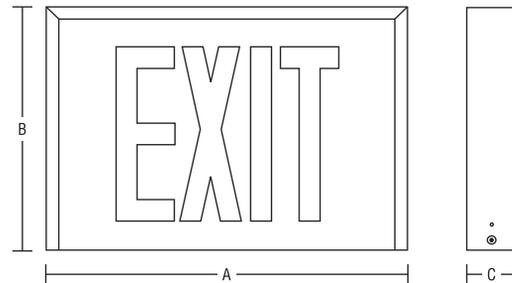
## SPECIFICATIONS: INTERNAL

AC only, and self-powered (B) comes standard configured with high output LED technology, 120/277V input. Nickel-cadmium batteries provide a minimum 90 minutes of emergency duration. Optional 120 minute duration battery is available. Solid state charger & transfer.

## SPECIFICATIONS: EXTERNAL

The ZJE is constructed from durable 20 gauge steel. The ZJE comes standard with a white powder coat finish. Available in custom powder coat finishes (please specify). Single, double or universal face versions must be specified. Universal mounting pattern and key hole slots are stamped into the back plate. Removable chevrons are standard. The self-powered version (B) comes standard with an external LED status indicator and test switch.

## DIMENSIONS(in,mm.)



Series	A	B	C
ZJE	12" (305mm)	7.5" (191mm)	2.25" (57mm)

## ORDERING INFORMATION

Series	Operation	LED	Face No.	Mounting	Options
ZJE	A (AC only)	R (red)	1 (single)	W (wall mount no canopy)	AT <sup>1</sup> (autotest)
	B (self-powered)	G (green)	2 (double)	Blank (universal mount)	BZ (buzzer- specify)
			U (universal)		FL (flashing alarm- specify voltage)
					TPS (tamper proof screws)
					WG (wire guard)
					PK12 (12" pendant kit)
					SW (special wording- specify)
					2CK (dual-circuit)
					FAI <sup>2</sup> (fire alarm interface)
					120SA (120 min. emergency)
					UDC (Universal 6-24VDC)
					CC <sup>3</sup> (custom color)
					B (black finish)

NOTE 1: Autotest option available for B model only.  
 NOTE 2: Specify type- open/closed dry contact.  
 NOTE 3: Minimum quantities may apply.

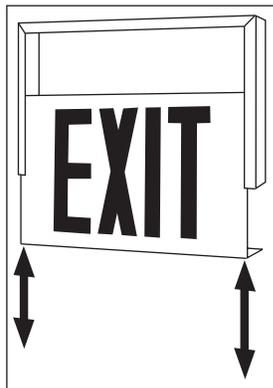
## SPECIFICATIONS: ELECTRICAL

**BATTERY:** The ZJE uses a maintenance free, sealed Nickel-Cadmium battery providing a minimum emergency duration of 90 minutes. An optional 120 minute Nickel-Cadmium battery is available. Recharge time of the battery is twenty four (24) hours. The battery operating temperature is from 50°F up to 104°F (10°C up to 40°C).

**CIRCUIT:** The ZJE is configured with high-output, high-efficiency LED's. LED is standard with 120/277V input. All LED versions consume 2W or less nominal power.

## SPECIFICATIONS: MECHANICAL

The design of the ZJE exit provides a clean and attractive appearance. The 20 gauge steel frame contains no external holes or slots adding to the clean look while eliminating unwanted light leaks, can be securely mounted in any application. The face and back plates are mounted into the frame using a channel system that permits simple and speedy removal during installation.



Faceplate slides out for quick and easy installation.

## SELF-POWERED VERSIONS

The ZJE is designed to operate on battery power in the event of a regular / mains power failure. Both the battery and charger are completely contained within the standard enclosure. There are no external components and no alterations made to the external dimensions of the standard sign. The ZJE utilizes a solid state transformer that eliminates the possibility of relay failure due to particle build up on the relay. Status is easily determined via an LED that indicates AC-ON. A push button test switch allows maintenance personnel to quickly confirm the operational status of the exit on AC fail.

## AUTOTEST

The FME Autotest diagnostic system is optional and provides continuous monitoring of the units main components (battery, charger, transformer, lamps & LED's) and providing instant visual verification of the status.

### AUTO-TEST FEATURES:

- Monitor battery disconnection, charger failure, lamp failure, LED failure and transformer fault every 5 seconds without discharging the battery.
- Automatically indicates lamp, battery and charger status by dual-color LED lamp.
- Factory preset Autotest does not need to be field adjusted or reset for proper operation.

### AUTO-TEST FUNCTIONS:

- Verifies battery disconnect, charger board failure, lamp failure, LED failure and transformer failure every 5 seconds.
- One (1) minute Autotest every month.
- Thirty (30) minute Autotest every six (6) months.
- Ninety (90) minute Autotest every twelve (12) months.

### Autotest VISUAL ALERT

- |                      |  |
|----------------------|--|
| (1) blink red LED =  | Battery not connected                          |
| (2) blinks red LED = | Battery shorted and/or<br>Battery voltage drop |
| (3) blinks red LED = | Charger board fault                            |
| (4) blinks red LED = | Transformer fault                              |
| (5) blinks red LED = | Emergency lamp fault                           |
| (6) blinks red LED = | Remote lamp fault                              |
| (7) blinks red LED = | LED lamp fault                                 |

### Autotest MANUAL FUNCTIONS:

- Press test button 1x (within 2 sec.) = 1 minute test
- Press test button 2x (within 2 sec.) = 5 minute test
- Press test button 3x (within 2 sec.) = 30 minute test
- Press test button 4x (within 2 sec.) = 90 minute test

## WARRANTY

The ZJE comes with a 5-year factory warranty. Lamps are not covered under the warranty. Deliberate damage, misuse, improper installation effectively cancel the warranty.