

# CHLORIDE

by @ignify

## Exit/Emergency

Faze 180

Concealed emergency unit  
with Xtest



Project: \_\_\_\_\_  
Location: \_\_\_\_\_  
Cat.No: \_\_\_\_\_  
Type: \_\_\_\_\_  
Lamps: \_\_\_\_\_ Qty: \_\_\_\_\_  
Notes: \_\_\_\_\_

### Example: FX12L24W12

Catalog Number	Voltage	Total Wattage	Remote	Housing Color <sup>1</sup>	Lamp Wattage(per lamp)
<b>Lead Calcium:</b>					
FX12L24W12	12v	24W	none	white	MR16 12W
FX12L40W12	12v	40W	16	white	MR16 12W
FX12L70W35	12v	70W	none	white	MR16 35W
<b>Ni-Cad:</b>					
FX12N24W12	12v	24W	none	white	MR16 12W

Complete Unit	BREAKDOWN		
	Back Box	Battery Pak	Trim/Lamp Unit <sup>1,2,3</sup>
FX12L24W12=	FXBBL	FXBP24L	FXTL12W
FX12L40W12=	FXBBL	FXBP40L	FXTL12W
FX12L70W35=	FXBBL	FXBP70L	FXTL35W
<b>Ni-Cad:</b>			
FX12N24W12=	FXBBN	FXBP24N	FXTL12W

### Xtest

**Xtest** self-diagnostic/self-testing management system is standard.

- Multiple LED indicators flash warnings when attention is needed
- Micro-controller verifies all systems operation
- Exceeds all UL and NFPA requirements for self-testing.
- **Xtest** circuitry monitors all key components every hour.

### Footnotes

<sup>1</sup>For black finish substitute "W" in catalog number with "B". Example: FX12L24B12. For Primer coat substitute with "P" or for custom color, "CC", consult factory.

<sup>2</sup>When ordering "TD" option it must be added as a suffix to the backbox number.

<sup>3</sup>When ordering "LX" option it must be added as a suffix to the lamp/trim catalog number.

### Accessories

RLT - Remote Laser Transmitter

### Options<sup>2,3</sup>

LX - Laser activation of manual test via handheld remote control transmitter; RLT (sold separately).

TD - Time Delay 15 min.

### codes and standards

- ETL Listed to UL924 Standard
- NFPA 101 (Life Safety Code)
- NFPA 70 (National Electric Code)

### voltage input

- Dual Voltage 120/277 VAC
- Selectable Input

### construction

- The unit back box is constructed of code gauge cold rolled galvanized steel.
- The back box requires an 8-1/4" long x 7-7/8" wide cutout.
- Back box is universal to accommodate ceiling or wall mount applications.
- The trim plate and door assembly are constructed of die-cast aluminum.

### installation

- Ceiling or wall mounting in new construction.
- Easy installation via the single enclosure back box.
- Backbox has built-in grid clips for use in T-grid ceilings.
- The FAZE180 unit is mounted in a wall or ceiling and the door is closed under normal power conditions.

### electronics Xtest

- All units utilize a micro-processor and contain the **Xtest** self-test/self-diagnostic circuit.
- Each unit includes low voltage disconnect, AC lockout, and brownout protection.
- The FAZE180 unit will automatically conduct a self-test once a month to verify all systems are functioning properly.
- Several manual tests can also be initiated or cancelled at any time by pressing the test switch.
- During automatic self-test or manual test, the green AC status indicator will flash.
- Any malfunction is immediately reported via the appropriate external LED indicators.
- Upon loss of utility power, the door on the unit rotates 180° exposing two MR16 lamps which are immediately illuminated.
- When power is restored, the lamps are turned off and the door rotates back to the closed position.

### motor

- The door of the FAZE180 series is actuated by a direct drive bi-directional heavy-duty motor.
- This motor has a lifetime guarantee.

# FX12 Faze 180 concealed emergency unit with Xtest

## lamps

- Fully adjustable MR16 halogen lamps with GU-10 bi-pin twist-lock base and are available in choice of 12W or 35W.
- Lamps have expected life of 2000-plus hours.

## battery

- Choice of 12V maintenance free sealed lead calcium battery with a service life of 5 to 7 years and an operating temperature range of 65°F (19°C) to 85°F (30°C) or 12V maintenance free nickel cadmium battery with a service life of 8 to 10 years and an operating temperature range of 20°F (-7°C) to 95°F (35°C).
- Both provide a minimum of 90 minutes emergency illumination.

## remote capacity

- Select units have remote capability which can be used to power 12 volt remote lamp heads.

## warranty

- Five full year warranty on units. (Lamps not included.)
- Lifetime warranty on direct drive motor.

## automatic test

- The system charger and lamps are continually being controlled via pre-determined parameters specific to each model configuration automatically. The battery is controlled via a true open circuit test each hour after initial installation. Once each month the **Xtest** System illuminates lamps under load for 60 seconds behind closed door, simulating a power outage with a true charger off condition, without affecting long-term battery life. This is above and beyond the requirements of the National Electric Code and/or the National Fire Protection Association, which only requires a 30 second automatic test once every month. This gives you unequalled control and confidence, knowing you are meeting self-test code requirements each and every month.

## manual test

- A manual test switch allows for the system to perform the following tests at any time:

### Press Button:

**Once** – 5 second test, charger off, no load

**Twice** – 60 second test, charger off, lamps on

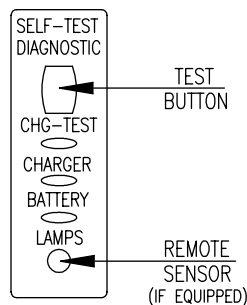
**Three** – 90 minute test, charger off, lamps on

**6-Second Hold** – Fully reinitializes micro-processor.

Pressing once during any test will cancel/abort testing.

## fault indications:

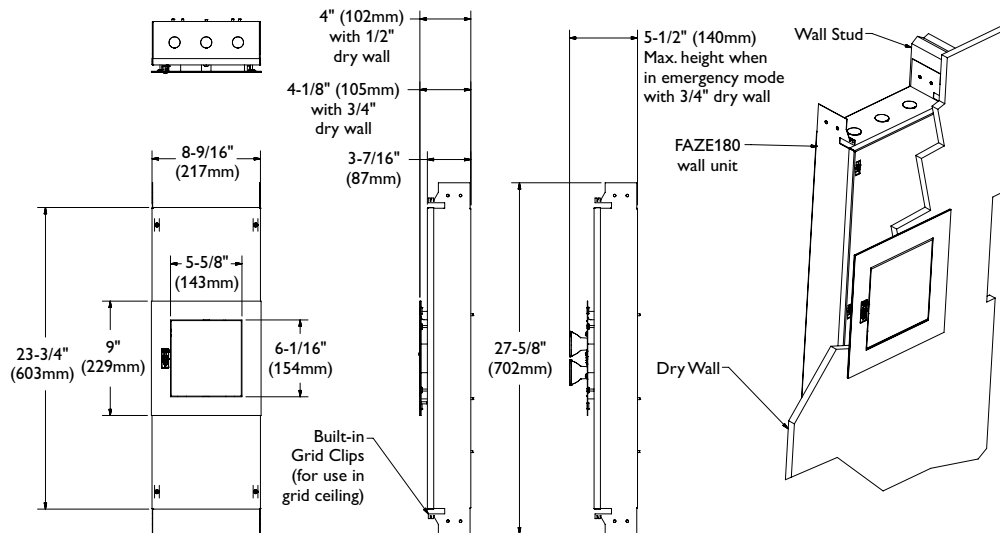
Four LED indicators provide visible indication of system status:



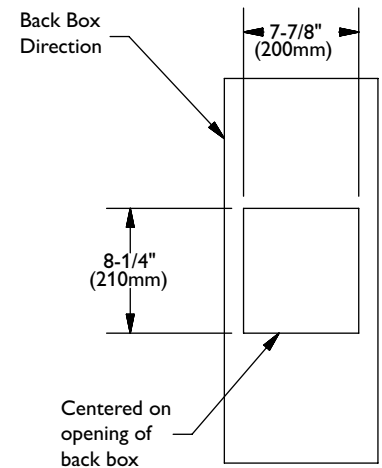
<b>Test:</b>	Green – Solid indicates system normal and AC power is on. Green – Flashing indicates a manual or automatic test cycle.
<b>Charger:</b>	Red – Solid indicates inadequate battery charge before testing. Allow battery to fully charge. Red – Flashing indicates a charger failure. Requires the power supply board to be replaced.
<b>Battery:</b>	Red – Flashing indicates the battery is disconnected or if it is connected and has been charged for 72 hours, then a replacement is needed.
<b>Lamp:</b>	Red – Flashing indicates a lamp(s) is disconnected or if it is connected, then it should be replaced.
<b>All 3:</b>	Charger, Battery, & Lamp LED's flashing 2 times per second indicates a bad transfer function. A replacement power supply board is needed. Charger, Battery, & Lamp LED's flashing 4 times per second indicates improper door opening. Consult factory.

# FX12 Faze 180 concealed emergency unit with Xtest

## dimensions



## cutout dimensions



## photometry



### 10' Wall Mount

12W MR16 lamp 35ft. spacing avg. fc. = 1.13 max. fc. = 3.0 min. fc. = 0.2  
35W MR16 lamp 65ft. spacing avg. fc. = 1.40 max. fc. = 4.7 min. fc. = 0.1

### 12' Wall Mount

12W MR16 lamp 30ft. spacing avg. fc. = 1.02 max. fc. = 2.0 min. fc. = 0.4  
35W MR16 lamp 65ft. spacing avg. fc. = 1.16 max. fc. = 3.1 min. fc. = 0.1

### 16' Wall Mount

12W MR16 lamp 22ft. spacing avg. fc. = 1.01 max. fc. = 1.7 min. fc. = 0.4

### Test Numbers:

12W – 26427A

35W – 26431A

**Note:** Meets Life Safety Code standard minimum illuminance of 0.1 fc and average illuminance of 1.0 fc. Illustration shown is a guideline for corridor center-to-center spacing with 10, 12, or 16 foot mounting heights and minimum 80-50-20 reflectance values. This is a guideline to be used as a design aid, not as guarantee.

The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract.

