

# J Series

## Explosion Proof Edge Lit LED Exit Sign



### Features:

- Low energy consumption.
- 3-hour emergency operation.
- Alternate exit legend and languages available.
- Provided with 3/4" NPT or M25 conduit hubs.
- Long lifespan up to 50,000 hours.
- Edge-lit sign.
- Ingress protection rating IP66.

### Two Options of Function:

- Model 1: EXIT sign remains on with or without mains electricity.
- Model 2: EXIT sign does not light up when there is mains electricity, but only lights up when there is a power outage.

### Specifications:

#### Universal Input Voltage

100-277VAC or 100-347VAC, 50/60Hz

#### Rated Wattage

1W, 2W, 3W, 4W, 5W

#### Emergency Time

3H

#### Warranty

5-year limited warranty

#### Temperature Rating (Ambient)

14°F to +140°F (-10°C to +60°C)

### Certifications:

- Marking UL844 (North American)
  - Class I, Division 1, Groups B, C, D
  - Class I, Division 2, Groups A, B, C, D
  - Class II, Division 1, Groups E, F, G
  - Class II, Division 2, Groups F, G
  - Class III
- UL924
- UL844
- UL 121201/CSA NO.213
- CSA C22.2 No.137-18

### Explanation of Indicator Light:



Image: RGY three-color indicator light

- If three or two indicator lights remain on during initial power on, it is necessary to reset them by detecting the switch: press the switch "ON" for 5 to 6 seconds ->OFF ->ON.
- **RED:**
  1. Fast charging for 2 hours.
  2. Charging indicator, displaying 20% -80% battery capacity.
- **GREEN:**
  1. Trickle charging.
  2. Charging indicator, displaying 80% -100% battery capacity.
  3. Green light on when disconnecting the battery.
- **RED and GREEN:**

Red and Green flashes alternately for 5 minutes, indicating that it is at 80% battery capacity.
- **YELLOW:**
  1. Discharge below 20%.
  2. If the yellow light is on in any state, the product is out of order.

### Description of Switch:

- 1. Press the switch "ON" once, the EXIT sign and indicator light will flash once, with an ON/OFF interval of 10 seconds.
- 2. With mains electricity disconnected, long press and hold the switch for 3 to 5 seconds to turn off the product. If the EXIT sign needs to be turned on again, it will be activated through mains electricity.
- 3. The product will automatically have monthly inspection. EXIT sign and indicator light will flash once every 30 or 31 days.
- 4. The product will automatically have an annual inspection. EXIT sign and indicator light will flash twice every year.

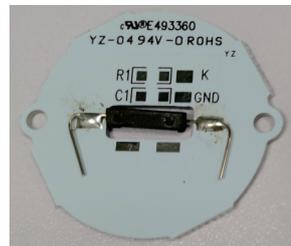


Image: Magnetic switch

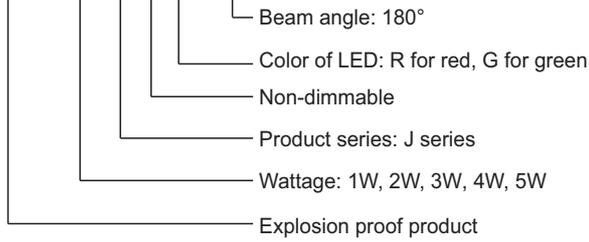
### Standard Materials:

- Housing: A356T6 aluminum with baked-on gray epoxy finish
- Gasket: One-piece silicone
- Hardware: Stainless steel
- Mounting Sling: Stainless steel
- EXIT Sign Plate: Tempered glass

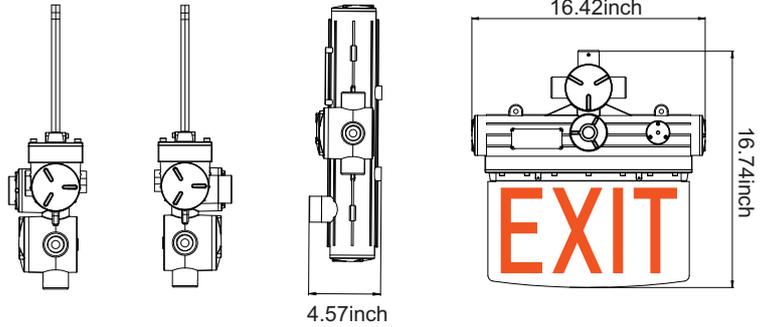
# J Series Explosion Proof Edge Lit LED Exit Sign

## Model Encoding:

**EX- \* W J N \* D180**

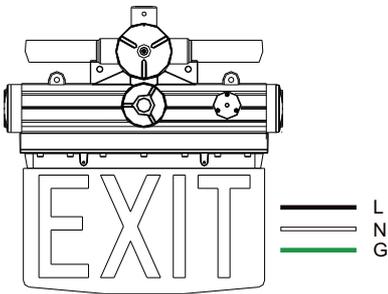


## Dimension:

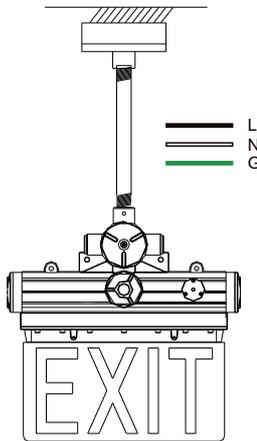


## Mounting Methods and Accessories:

### Wall Mounting:



### Pendant Mounting:

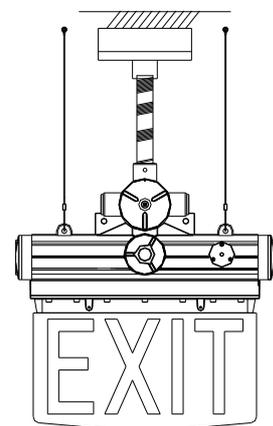


- Model: Ex-Straight Pipe  
Name: Straight Pipe  
Material: Iron



- Model: EX-HD51-KBI  
Name: Junction Box  
Material: Aircraft Aluminum A383

### Pendant with Safe Wires:



- Model: Ex-Straight Pipe  
Name: Straight Pipe  
Material: Iron



- Model: EX-HD51-KBI  
Name: Junction Box  
Material: Aircraft Aluminum A383



- Model: Ex-Straight Chain  
Name: Pendant Chain  
Material: Stainless Steel S30400



- Model: Ex-Hook  
Name: Installation Hook  
Material: Aircraft Aluminum A383

## Packing Information:

Model	Quantity/Carton	Packing Size	Net Weight	Gross Weight
J Series	2 Pcs	18.50x18.50x10.24inch/470x470x260mm	6.0 kg/13.23 lbs	14.0 kg/30.86 lbs