# RXL 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

**Emgergency 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.
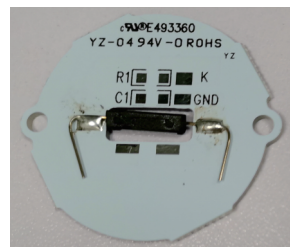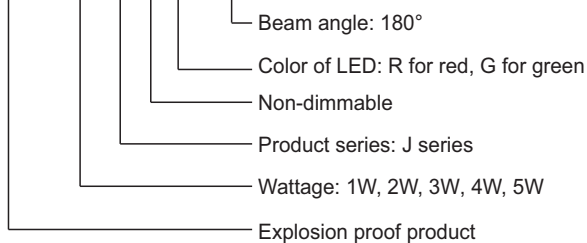


Image: Magnetic switch

## Standard Materials:

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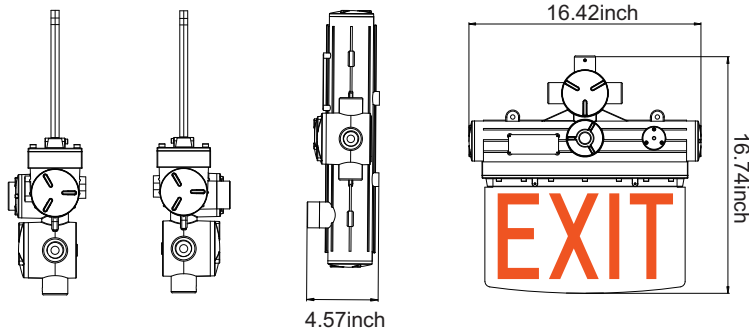- EXIT Sign Plate: Tempered glass

## J Series Explosion Proof Edge Lit LED Exit Sign
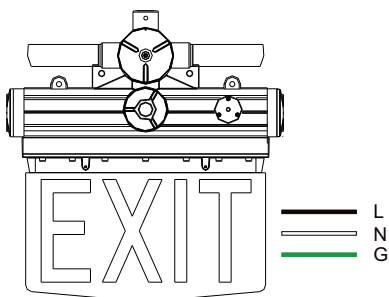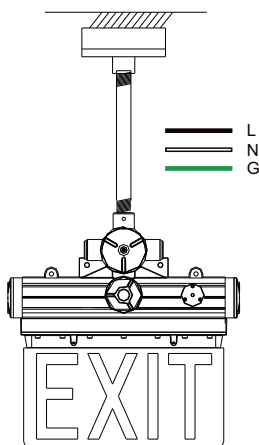
## Model Encoding:

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

- Beam angle: 180°
- Color of LED: R for red, G for green
- Non-dimmable
- Product series: J series
- Wattage: 1W, 2W, 3W, 4W, 5W
- Explosion proof product

## Dimension:

16.42inch

16.74inch

4.57inch

EXIT

## Mounting Methods and Accessories:

### Wall Mounting:

EXIT

L
N
G

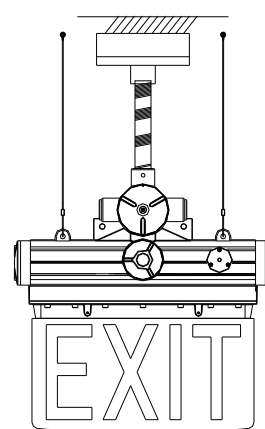### Pendant Mounting:

L
N
G

EXIT

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

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

### Pendant with Safe Wires:

EXIT

- **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 |