

# V Series

Explosion Proof Edge Lit LED Exit Sign



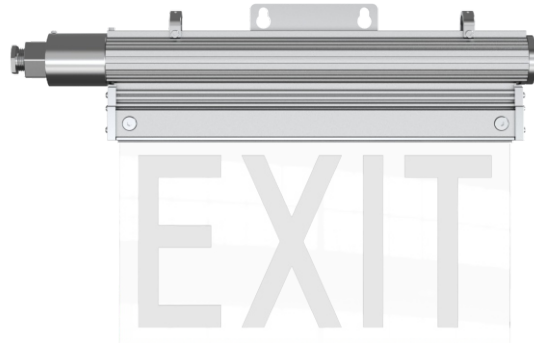
# V Series

## Explosion Proof Edge Lit LED Exit Sign



### Features:

- Suitable for wet location.
- Light weight and compact structure.
- Integrated junction box for driver with emergency backup.
- Ingress protection rating IP66.
- Low energy consumption.
- 3-hour emergency operation.
- Stainless-steel exposed fasteners with high corrosion resistance.
- Alternate exit legend and languages available.
- Sealed unit. BATTERY not replaceable. Replace entire exit sign unit when necessary.



### 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:

|                            |                                                                      |
|----------------------------|----------------------------------------------------------------------|
| <b>Models</b>              | EX-5WVNRD180 (utilize red LEDs)<br>EX-5WVNGD180 (utilize green LEDs) |
| <b>Electrical Ratings</b>  | 100-277VAC, 60Hz, 0.5A, 5W                                           |
| <b>Emergency Time</b>      | 3 hours                                                              |
| <b>Lifespan</b>            | 50,000 hours                                                         |
| <b>Warranty</b>            | 5-year limited warranty                                              |
| <b>Ambient Temperature</b> | -20°C to +60°C                                                       |
| <b>Charge Time</b>         | 24 hours                                                             |

### Explanation of 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.

### Certifications:

- UL 844 Hazardous Locations  
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
- UL 924
- ABS

### Standard Materials:

- Housing: Aluminum
- EXIT sign plate: Tempered glass
- Hardware: Stainless steel
- Mounting Sling: Stainless steel

### 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.

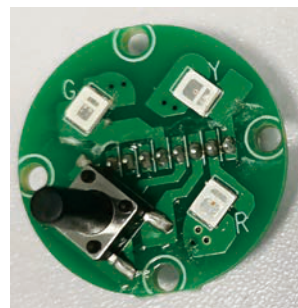


Image: Indicator light LED and Tact Switch

# V Series Explosion Proof Edge Lit LED Exit Sign

## Model Encoding:

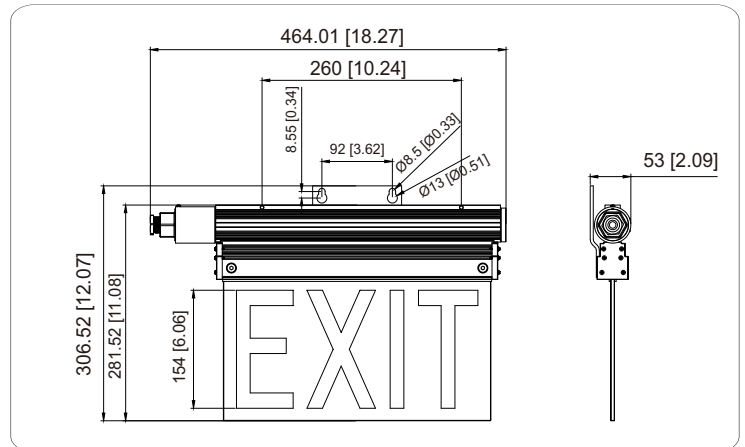
**EX - 5W V N \* D180**

- ↑ Beam angle: 180°
- ↑ Color of LED: R for red, G for green
- ↑ Non-dimmable
- ↑ Product series: V series
- ↑ Wattage: 5W
- ↑ Explosion proof product

Model number list:

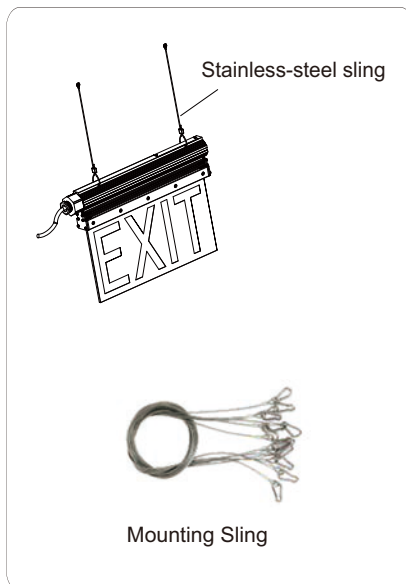
EX-5WVNRD180, EX-5WVNGD180

## Dimension:

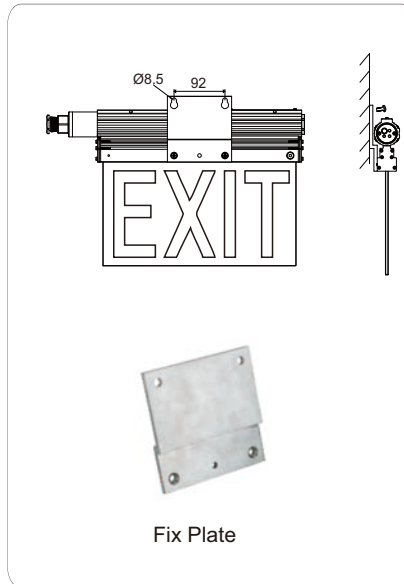


## Mounting:

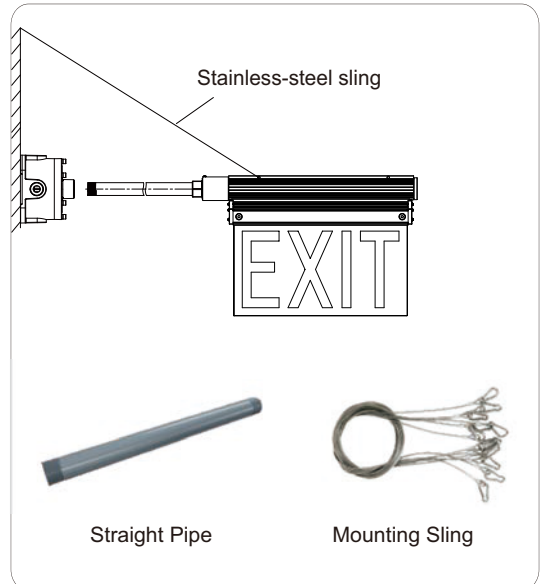
### Pendant Mounting:



### Wall Mounting:



### Pipe Mounting:



## Packing Information:

| Model    | Quantity/Carton | Packing Size          | Net Weight | Gross Weight |
|----------|-----------------|-----------------------|------------|--------------|
| V Series | 2 Pcs           | 18.50x18.50x10.24inch | 7.28 lbs   | 15.43 lbs    |