V Series

Explosion Proof Edge Lit LED Exit Light

Certifications:

- Marking ATEX
    - II2 G Ex ib IIC T4 Gb
    - II2 D Ex tb IIIC T80°C Db IP66
- Marking IECEx
    - Ex ib IIC T4 Gb
    - Ex tb IIIC T80°C Db IP66
- Marking Marine
    - UL 924

- Marking UL844 (North American)
    - 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
- Ambient Temperature:
    - -4°F to 140°F(-20°C to 60°C)
- IP66

Standard Materials:

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

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## Key Features:

1. Lightweight and compact structure.
2. Integrated junction box for driver with emergency backup.
3. Ingress protection rating IP66.
4. Low energy consumption (1W/2W/5W)
5. 3-hour emergency operation.
6. Stainless-steel exposed fasteners with high corrosion resistance.
7. High vibration and impact resistance.

Additional Features:

◈ Alternate exit legend and languages available.

◈ 5-year warranty.

◈ Long lifespan up to 50,000 hours.

◈ Working temperature ranges from -4°F(-20℃) to 140°F(60℃).

Catalog Number Logic:

EX - xxxW - V Y Z D

1 = EX
2 = xxxW
3 = V
4 = Y
5 = Z
6 = D
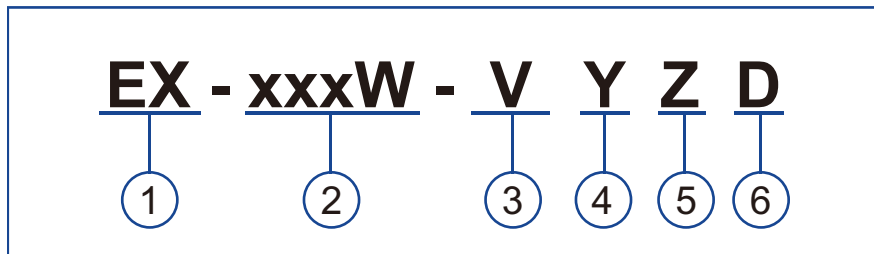
1 PRODUCT CATEGORY
◈ Explosion-proof light

2 WATTAGE
◈ 1W/2W/5W

3 PRODUCT SERIES
◈ V Series

4 DIMMING OPTION
◈ N= Non-dimmable
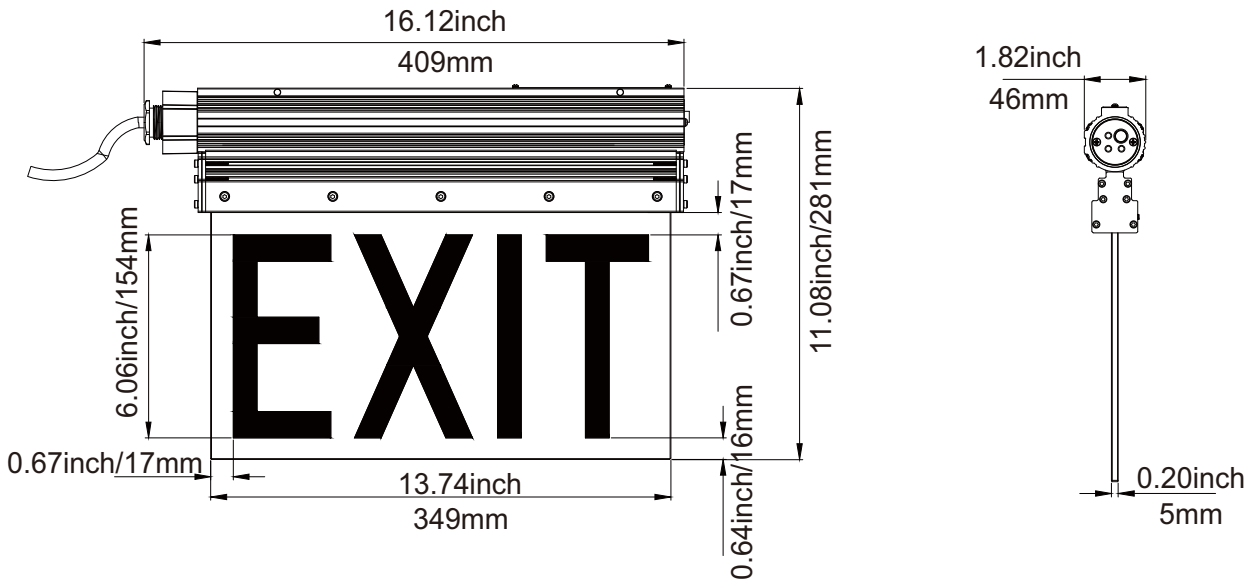
5 CCT
◈ Z=R: Red
◈ Z=G: Green

6 BEAM ANGLE
◈ 180°

Technical Data:

Model	Wattage	Operating Voltage	CCT	Emergency Time
EX-1W VNRD180; EX-1W VNGD180	1W	AC100-277V/DC12-48V 50/60 Hz	2200K-7000K	3 hours
EX-2W VNRD180; EX-2W VNGD180	2W			
EX-5W VNRD180; EX-5W VNGD180	5W			

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Dimension:

Unit: inch/mm

16.12inch
409mm

11.08inch/281mm

0.67inch/17mm

0.64inch/16mm

6.06inch/154mm

0.67inch/17mm

13.74inch
349mm

EXIT

1.82inch
46mm

0.20inch
5mm

Mounting:

Pendant Mounting:

Stainless-steel sling

EXIT

Mounting Sling

Wall Mounting:

EXIT

Fix Plate

Pipe Mounting:

Stainless-steel sling

EXIT

Straight Pipe

Mounting Sling
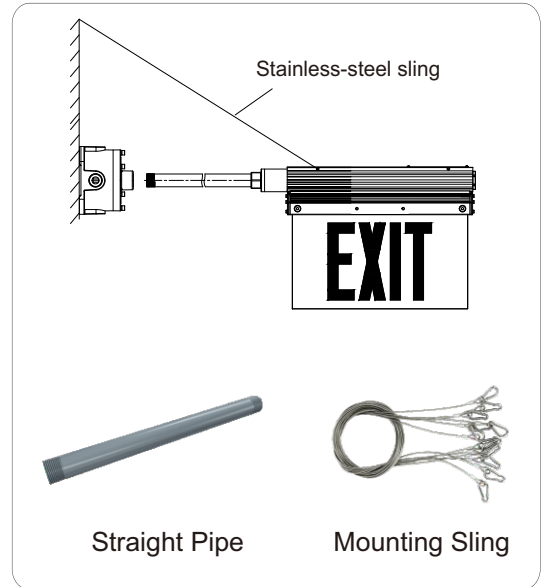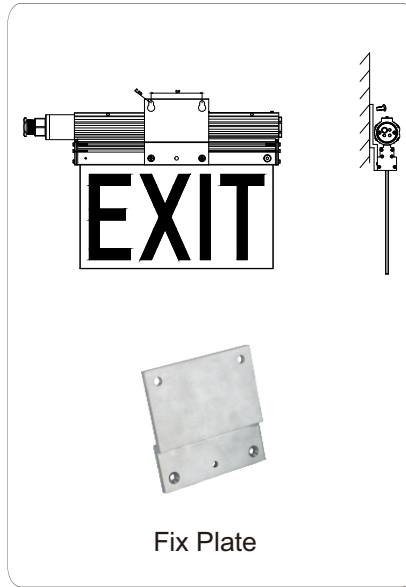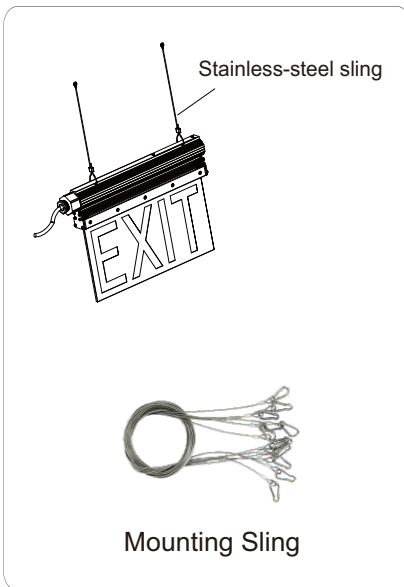
Packing Information:

Model	Quantity/Carton	Packing Size	Net Weight	Gross Weight
V Series	2 Pcs	18.50x18.50x10.24inch/470x470x260mm	3.3 kg/ 7.28 lbs	7 kg/ 15.43 lbs