

C1D1 Explosion Proof LED Exit Sign



Date:_____ Location: _____

Product:_____ Project:_____

Quantity:_____ Catalog# _____

FEATURES:

- Class I, Division 1, Groups B,C,D
- 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.
- Working Temperature: 0°C-40°C
- Ingress protection rating IP66.

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

Explanation of Indicator Light:

RGY: three-colors indicator light

If two or three indicator lights remain ON during initial power-up, the unit must reset using the switch, press and hold the ON switch for 5-6s until unit turns off, release the switch, press ON switch again to turn the unit ON, the indicator lights should turn to normal operation after reset.

●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

●YELLOW:

1. Discharge below 20%.
2. If the yellow light is on in any state, the product is out of order.

Explanation of Switch:

Magnetic Switch:

1. Press the ON Switch once, the EXIT sign and indicator light will flash

once, the flashing cycle has an ON/OFF interval of 10 seconds.

2. When the main power is disconnected, press and hold the switch for 3 to 5 seconds to turn off the product. To turn EXIT sign ON again, restore the main power, the unit will activate automatically.

Two Options of Function:

Model 1: EXIT sign remains illuminated whether the main power is ON or OFF

Model 2: EXIT sign does not illuminate when the main power is on, but turns ON immediately during a power outage.

Certifications:

Marking UL844 (North America)

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/UL121201/CSA NO.213/CSA C22.2 No.137-18

PERFORMANCE:

Model NO	Input Voltage	Rated Wattage	Emergency Time	Temperature Rating (Ambient)
EX-5W JNRD180	120-277V/AC	1W, 2W, 3W, 4W, 5W	3Hour	0°C to +40°C

PRODUCT ORDERING GUIDE

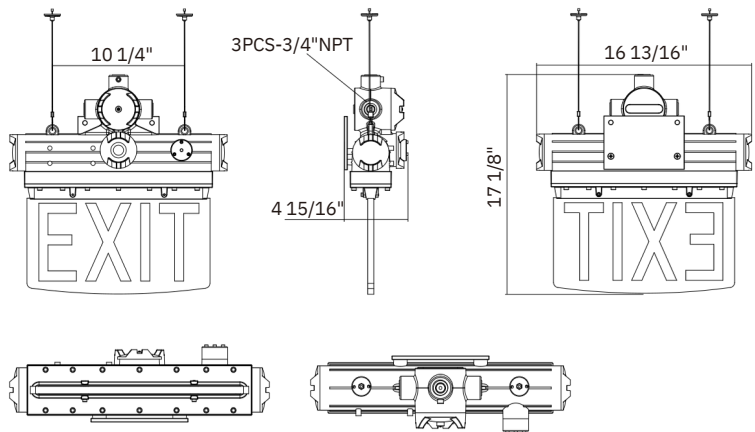
EX-5WJNRD180

1 2 3 4 5 6

EX - 5W J N R D180

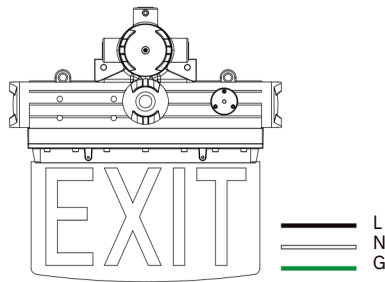
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|--|--------------------------------------|
| ☒ EX | Explosion Proof product |
| ☒ 5W | Wattage: 1W, 2W, 3W, 4W, 5W |
| ☒ J | Product series: J series |
| ☒ N | Non-dimmable |
| ☒ R | Color of LED: R for red, G for green |
| ☒ D180 | Beam angle: 180° |

► DIMENSION

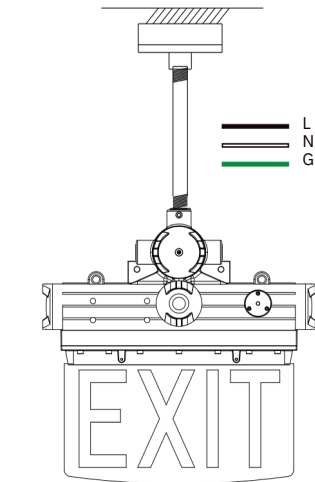


► Mounting Methods and Accessories:

Wall Mounting:



Pendant Pipe Mounting :

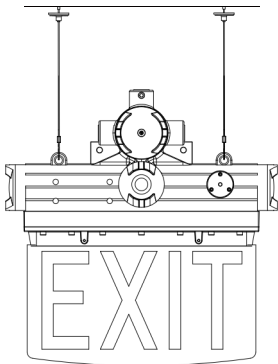


- **Model: Ex-Straight Pipe**
Name: Straight Pipe
Material: Iron



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

Pendant Chain Mounting:



- **Model: Ex-Mounting Sling**
Name: Mounting Sling
Material: Stainless Steel S30400