EcoLite™
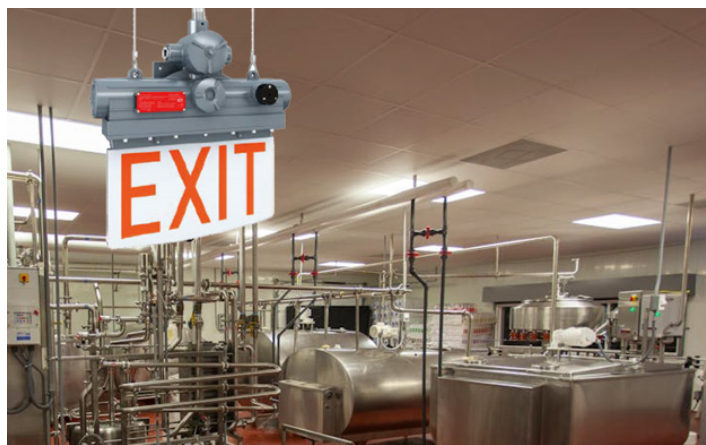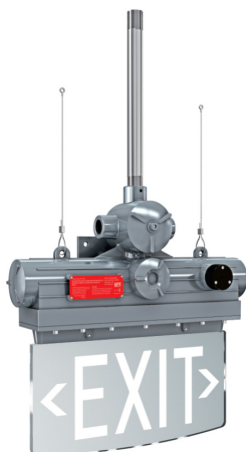## Leader in LED Lighting

Project Name:	Fixture Type:
Complete Catalog #:	Date:
Comments:	

EXPLOSION PROOF OSPREY I EXIT LIGHT

The Explosion Proof Osprey I Exit Light is an explosion-proof LED emergency edge lit exit sign designed for hazardous environments. Multiple Class and Division certifications ensures maximum safety and functionality with extended emergency operation and versatile installation options. This hazloc exit sign has low energy consumption, 3-hour emergency operation, and IP66 rating. Customized legends and alternative language edge-lit signs are available.

FEATURES

- UL844:
  - 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
- UL 121201 / CSA NO. 213
- CSA C22.2 NO. 137-18

- Dual Mode Operation:
  - Model 1: Keeps the EXIT sign illuminated at all times, regardless of mains electricity status.
  - Model 2: Activates the EXIT sign only during power outages, conserving energy when mains power is available.

APPLICATIONS

- Marine environments and coastal areas
- Industrial settings with hazardous materials
- Areas with high exposure to moisture and dust
- Locations requiring durable and reliable exit light solutions

EXPLOSION PROOF OSPREY I EXIT LIGHT

ORDERING INFORMATION

MODEL NUMBER	LETTER COLOR	INPUT POWER	DUAL VOLTAGE	EMERGENCY DURATION	MIN. ORDER QUANTITY	US STOCK
ECO-EX-5W-JCIDI	Red or Green	5W	100-277VAC or 100-347VAC	3 hours	2	Yes

TECHNICAL SPECIFICATIONS

Input Wattage	5W
Input Voltage	100-277VAC or 100-347VAC
Frequency	50-60 Hz
Emergency Duration	3 hours
Operating Temperature	14°F to 140°F
Lifetime	50,000 hours

Safety Certifications	UL844:
	– 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
	UL 121201 / CSA NO. 213
	CSA C22.2 NO. 137-18

IP Rating	IP66
Operational Modes	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.
Construction:	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
Warranty	10 year or 50,000 hour non-prorated
Conduit Hubs	Provided with 3/4" NPT or M25 conduit hubs.
Net Weight	13.23 lbs.

*Data is based upon tests performed in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.
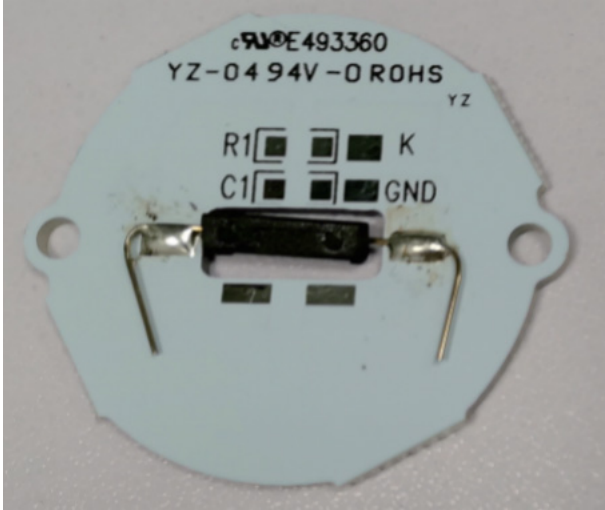
*IES files provided on request.

EXPLOSION PROOF OSPREY I EXIT LIGHT

CONTROL OPTIONS

Two Operation Modes:

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.

Magnetic Switch Operation:

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.

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:

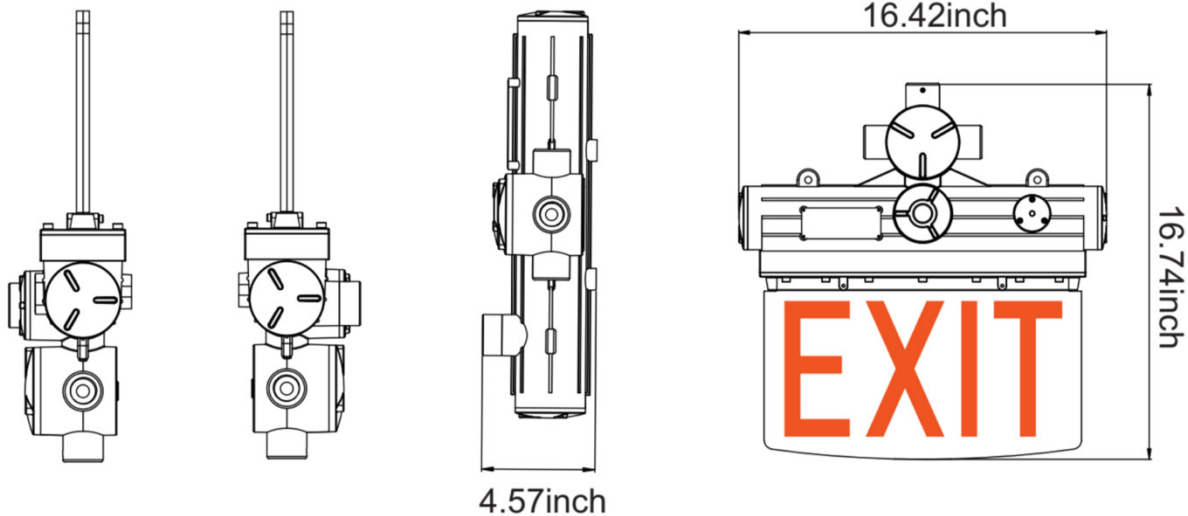Red and Green flashes alternately for 5 minutes, indicating that it is at 80% battery capacity.

YELLOW:

1. Discharge below 20%.
2. If the yellow light is on in any state, the product is out of order.
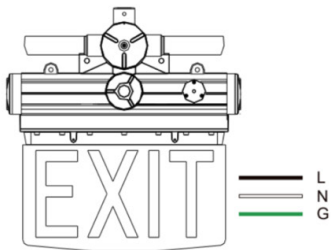
EXPLOSION PROOF OSPREY I EXIT LIGHT
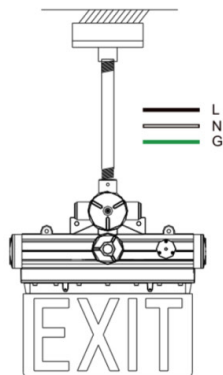
DIMENSIONS

Unit: inch

16.42inch

16.74inch

4.57inch

MOUNTING OPTIONS

Wall Mounting:

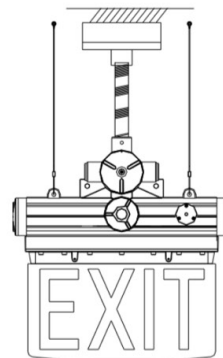

L
N
G

Pendant Mounting:

L
N
G

- **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