

Description

Architectural grade edge lite exits in surface and recess mount models offer field installed applique arrows and a choice of three housing/trim finishes.

Features

All Models

- Surface and recess mount models
- Heavy gauge extruded aluminum housings
- Choice of white, black or anodized aluminum housing/trim color
- Acrylic exit panel with etched letter edges for superior visibility
- High output, long life LED lamps
- Red or green letter models
- Universal directional chevrons provided by means of field appliques
- AC only and emergency models
- Single or double 6" letter faces
- Surface mount models offer universal wall, ceiling or end mounting
- Universal 120/277VAC field selectable input

Emergency Models

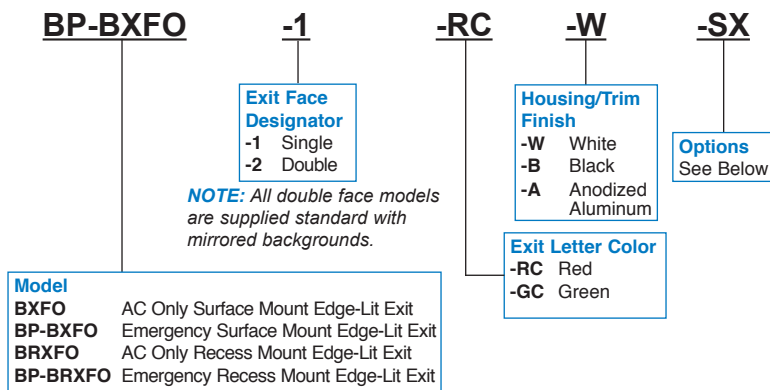
- 1 1/2 hours of emergency illumination
- Solid-state charging and switching circuits
- Maintenance free nickel cadmium battery
- Automatic low voltage battery disconnect
- AC Lockout feature reduces installation time
- Momentary test switch
- LED status indicator
- Meets NFPA Life Safety Code 101, NEC, OSHA, State and local codes
- UL924 listed



Surface Mount Models



Ordering Guide



NOTE: All product specifications shown are subject to change without notice.

Specifier Reference

Project: _____

Fixture Type: _____

Model No.: _____

Comments: _____

Options ⁽¹⁾⁽²⁾

Add Suffix	Description
-SX	Self-Diagnostic Circuit (emergency models only)

(1) Other options available. Consult factory.

(2) Some options may impact product UL listing. Consult factory.

Construction

Housing and Trim: BXFO Series surface mount edge lit model housings are constructed of a heavy gauge aluminum extrusion finished in a choice of white, black and anodized aluminum finishes.

BXFO Series recess mount edge lit model housings are constructed of a heavy gauge aluminum extrusion with an aluminum ceiling trim plate finished in a choice of white, black and anodized aluminum finishes.

Exit Panels: All models utilize acrylic exit panels with etched letter edges for superior visibility. Double face model panels are supplied with a mirrored mylar background.

Exit Face

Letter Size: 6" letters with 3/4" stroke

Directional Indicators: Applique chevron arrows sized to meet UL visibility requirements.

Illumination

Each exit face is illuminated by a special high intensity indirect LED panel, providing even illumination, contrast and visibility.

Installation

Surface Mounting: Mounting canopies are provided with all models for attachment to standard 3 1/2" and 4" electrical boxes in wall, ceiling or end mount applications.

Recess Mounting: Recess models are provided with a mounting bar kit which allows unit installation in suspended T-grid ceiling applications.

Power Consumption

	120VAC	277VAC
AC-Only Models	2.4 W	2.4 W
Emergency Models	3.3 W	3.7 W

Code Information

All models are UL Listed and meet NFPA 101 Life Safety Code, NEC, OSHA, Local and State Codes. Emergency models are UL924 Listed.

Charger and Electronics

Charger Type: Emergency models utilize a fully automatic, temperature compensating, constant current type charger

Utility Input: 120/277VAC, 60 Hz.

Temperature Range: 68°F to 86°F (20°C to 30°C)

Recharge Duty Cycle: 24 hours

Load Transfer: Solid state transfer circuit

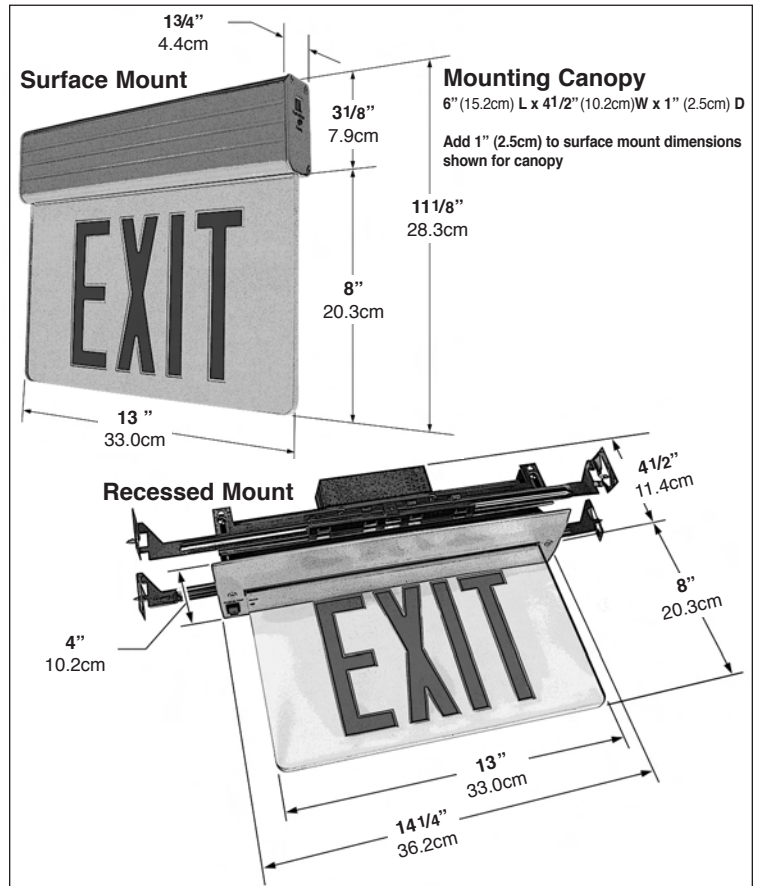
Controls: Momentary test switch and LED AC-On indicator light

Safety Circuitry:

AC Lockout: Prevents battery discharge prior to initial unit power-up saving installation time.

Low Voltage Battery Disconnect: Protects the battery from being severely damaged by deep discharge during prolonged power failures.

Dimensions



Emergency Operation

Upon failure of the normal utility power, a solid-state transfer switch automatically activates the LED lamps. The battery is protected from deep discharge through the use of a low voltage disconnect circuit. Upon resumption of the normal utility power the battery is disconnected from the load and recharged through a solid-state charging circuit.

Emergency exit signs feature a fully automatic, temperature compensating, constant current charger designed to recharge the battery within 24 hours.

Optional Self-Diagnostic Circuit

The optional SX self-diagnostics circuit automatically performs a 15-minute diagnostic/discharge test of the unit every 30 days. The SX circuit checks for proper battery capacity and emergency lamp operation. Malfunction of the battery or lamp(s) detected during diagnostic cycles will be indicated by the units LED status indicator.

Battery

Provided standard on each Highlites emergency BXFO Series exit is a premium grade, sealed maintenance free nickel-cadmium battery that will provide many years of dependable service.

Warranty

Highlites Emergency Lighting products carry a full 3 year warranty from date of shipment. Upon expiration of the primary warranty, the battery continues to carry an additional seven (7) year pro-rata warranty.