

The Exitronix S900 Series LED Edge-Lit Exit features a pivoting design for simple installation in any application, including wall, ceiling, sloped ceilings. Includes surface mounting canopy as well as hardware for recessed mounting applications, making this the most versatile Edge-Lit sign available. The S900U option includes both single and double face configurations for easy ordering and stocking.

**FEATURES**

- Pivoting design for simple installation in any application, including wall, ceiling, sloped ceiling or recessed mounting
- Suitable for installation in existing drywall applications
- S900U option includes both single and double face panel configurations
- Includes surface mounting canopy as well as back box for recessed mounting applications
- Extruded aluminum housing with high-grade, acrylic panel
- Compact, low profile design
- Maintenance-free NiCad battery
- Mirror panel supplied as a standard on all double-faced signs
- UL 924 listed 90 minute emergency run time, 24 hour recharge time
- Low voltage disconnect eliminates deep discharge
- Optional Guardian Self-Test/Self-Diagnostics (G2) available
- Constant, uniform illumination by long-life, high intensity, red or green LEDs
- Fully-illuminated 6" characters with 3/4" stroke
- Field selectable directional chevrons included for all configurations
- 120/277V dual primary, 60Hz input
- Standard finishes: White or Brushed Aluminum
- Suitable for damp location



**WARRANTY**

Any component that fails due to manufacturers defect is guaranteed for 3 years with a separate 2 year pro-rated warranty on the battery. The warranty does not cover physical damage, abuse or instances of uncontrollable natural forces. See the full Exitronix warranty document for detailed information.



**ORDERING INFORMATION Example: S902-WB-SR-RC-BA-G2**

Series	Power Source	Mounting	Panel	Finish	Options (Factory Installed)
S902 = Single Face	LB = AC Only	SR <sup>1</sup> = Universal	Single Face	WH = White	G2 <sup>2</sup> = Self-Test/Self-Diagnostics
S903 = Double Face	WB = With Battery		RC = Red Letters/Clear Panel	AG = Brushed Aluminum (gray endcaps)	
S900U <sup>3,6</sup> = Universal			GC = Green Letters/Clear Panel	BA <sup>4</sup> = Brushed Aluminum (black endcaps)	
			<b>Double Face</b>		
			RM = Red Letters/Mirror Panel		
			GM = Green Letters/Mirror Panel		
			<b>Universal</b>		
<b>Notes</b>			G = Green		
<sup>1</sup> SR includes kits for surface & recessed mounting			R = Red		
<sup>2</sup> Not available on S900U or LB configurations					
<sup>3</sup> Includes (1) single face clear and (1) double face mirrored panel in selected colors					
<sup>4</sup> BA finish available while supplies last				<b>Accessories<sup>5</sup></b> (Field Installed)	
<sup>5</sup> Order as separate line item				S900U-R-FP = Red Single Mirror Panel	
<sup>6</sup> S900U with battery only				S900U-G-FP = Green Single Mirror Panel	

## CONSTRUCTION

### Housing

Available in either a powder coated or brushed aluminum finish.

### Surface and Recessed Mounting

Engineering grade aluminum extrusion with mounting canopy.

Extruded aluminum housing supplied with galvanized steel adjustable bar hanger assembly.

### Panels

Constructed of clear acrylic. Stencil letters are 6" high with 3/4" stroke, with minimum of 100 ft. viewing distance rating as required by UL 924 standard. Double face panels are supplied with a mirror insert. Units are supplied with press-on directional arrows for placement in all applications.

## ILLUMINATION

High output red or green LEDs provide superior brightness. Energy consumption of less than 3W for AC only and less than 5W for battery back-up units. LEDs are a maintenance-free solution, providing up to 100,000 hours of use without failure.

## ELECTRICAL

### Input

Dual-voltage input 120 or 277VAC at 60Hz.

### Nickel Cadmium Battery - NiCad (With Battery Only)

Exitronix NiCad batteries are maintenance-free with a life expectancy of 15 years. NiCad batteries offer high discharge rates and continue to perform in a vast temperature range from 32°F to 104°F (0°C to 40°C).

### Low Voltage Disconnect

When the battery's terminal voltage falls below predetermined levels, the low-voltage circuit disconnects the emergency lighting load. The disconnect remains in effect until normal power is restored, preventing deep battery discharge and improving the life of the battery. The disconnect will also automatically reconnect the load circuit once the battery voltage returns to a normal value after charging.

### Test Button

Test button is easy to locate and allows for manual verification of proper operation of the transfer circuit and emergency lamps.

## INSTALLATION

**Surface Mounting:** Completely universal canopy provides for end or ceiling mounting. All hardware is included.

**Recessed Mounting:** Recessed ceiling mount, accessible above the plenum. Electronics and battery contained in housing. Plug-in battery connector supplied for easy installation. All hardware is included.

## OPTIONS

### Guardian Self-Test/Self-Diagnostics (Option: G2)

The Guardian circuit continuously monitors the operating condition of the AC power, battery supply voltage and charging circuit.

The purpose of this option is to provide visual signaling in response to a fault at the EXIT sign battery and/or battery charger. If a failure is detected, visual status will occur immediately via the CHARGER LED and/or the BATTERY FAULT LED. The LEDs will stay illuminated until the fault is corrected.

The Guardian circuit also monitors the transfer circuit as well as performing automatic code compliance testing. The Guardian circuit will perform a 30 second discharge and self-test every 28-30 days. A 90 minute discharge and self-test is performed every 6 months.

## CONFORMANCE TO CODES AND STANDARDS

The S900 Series is UL 924 listed and meets or exceeds the following: NEC requirements and NFPA 101.

## DIMENSIONS

