



BRIOSAS-S

Die-Cast Aluminum Edge-Lit Exit Sign

Design upgrade: introducing new features:

- Easier installation: component-free back-box housing and canopy can be installed in advance, like a regular junction box.
- 20 – 30% less power consumption: max. 1.4W (AC-only models) and max. 2.3W (Self-Powered)
- Bi-color LED pilot light allows visual diagnostic without the need to open the unit (self-test and diagnostic option)
- Listed by the Underwriting Laboratories UL Listed
- Also available with white LEDs for custom-design legends: pictograms, special wording, etc. (Ask your sales representatives)



Features:

- Designed to achieve superior visual clarity and performance with a red and green LED light source
- Clear acrylic panel provides optimum light transmission. Illumination is 100% in both AC and emergency mode
- Computer engraving is used to crisply define each letter and chevron. LED sensitive inks are formulated to provide a rich color in red or green. Choice of legend background includes clear (for single face), white or mirror (for single or double face signs)
- Clean trim plate design eliminates visible fasteners. Choice of trim plates: circular or angular. Standard finish is brushed aluminum for the housing, trim plate, trim ring and canopy
- Self-Powered models contain a sealed maintenance-free Nickel-Cadmium battery that provides 90 minutes of emergency illumination.
- Two-wire universal 120 through 277VAC, 50/60Hz for AC-only and Self-Powered models. AC-only signs consume maximum 1.4W. Self-Powered signs use 2.3W max while recharging batteries. Solid state transfer automatically and instantly supplies the LED lamps from the back-up battery upon failure of AC supply. Close tolerance electronic circuit activates emergency unit when utility power dips below nominal voltage for brownout protection. Current-limited and short-circuit-proof charger. Full battery recharge is made in compliance with UL924 specifications. Test switch incorporates a green LED AC pilot light
- Self-test and silent diagnostic is optional on all Self-Powered models. It is programmed to ensure product readiness and reliability by continuously monitoring every critical function of the unit. The unit is self-tested for one minute every 30 days, 30 minutes every 60 days and 90 minutes annually. When a fault is detected the pilot light will change color from green to red and blink following a particular code, identifying the cause: battery, charger circuitry, or LED lamps
- Modular design allows for several mounting configurations. A trim ring and two 27-inch bar hangers are used for recessed mounting on walls or ceilings. A canopy allows for surface mounting on ceilings or walls as back- or end-mount. Face panels snap securely into trim plate on all mounting configurations
- UL924 Listed
- 5-year limited warranty

Accessories

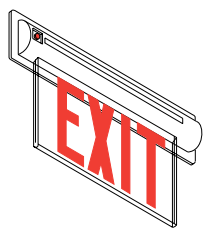
Description	Suffix
White Pendant	P*-WT
Black Pendant	P*-BK
Gray Pendant	P*-GY

Dimensions

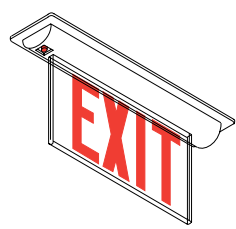
Power requirements: 120 to 277VAC, 50/60Hz. AC-only signs use 1.4 watts max, Self-Powered signs use 2.3 watts max while recharging batteries

Available Models

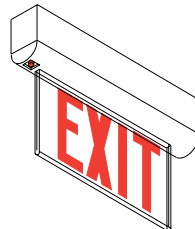
Circular trim plate models shown. Optional Angular trim plate available.



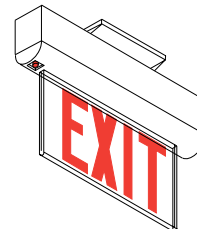
Recessed Wall Mount



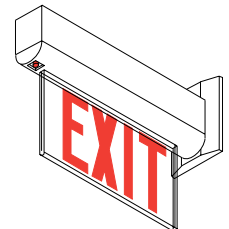
Recessed Ceiling Mount



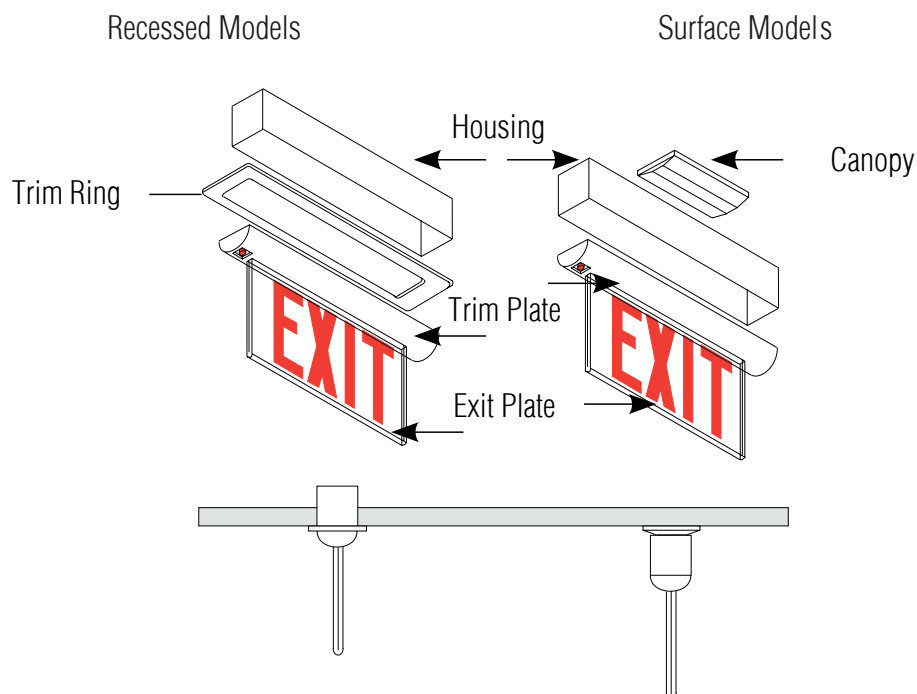
Surface Wall Mount



Surface Ceiling Mount



Surface End Mount





Backbox (order as a separate item)

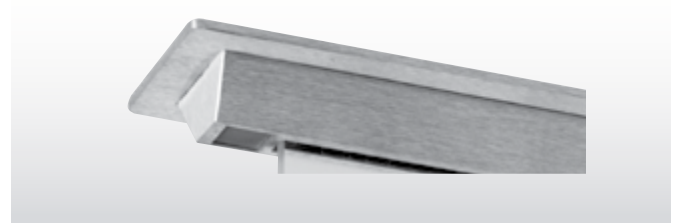
Description	Suffix
Backbox Kit white	BBKTS-WT-E
Backbox Kit black	BBKTS-BK-E
Backbox kit brushed aluminum	BBKTS-BA-E
Backbox kit chrome	BBKTS-CH-E
Backbox kit dark bronze	BBKTS-BR-E
Backbox kit polished brass	BBKTS-PB-E

Power Consumption

Model	AC Specs		DC Specs	
AC-only	120 to 277VAC, 50/60Hz	Less than 1.4W		
AC/DC-remote	120 to 277VAC, 50/60Hz	Less than 1.4W	6 to 24VDC	Less than 1.4W
Self-Powered	120 to 277VAC, 50/60Hz	Less than 2.3W	Ni-Cd battery	Min. 90 minutes
Self-Powered diagnostic	120 to 277VAC, 50/60Hz	Less than 2.3W	Ni-Cd battery	Min. 90 minutes

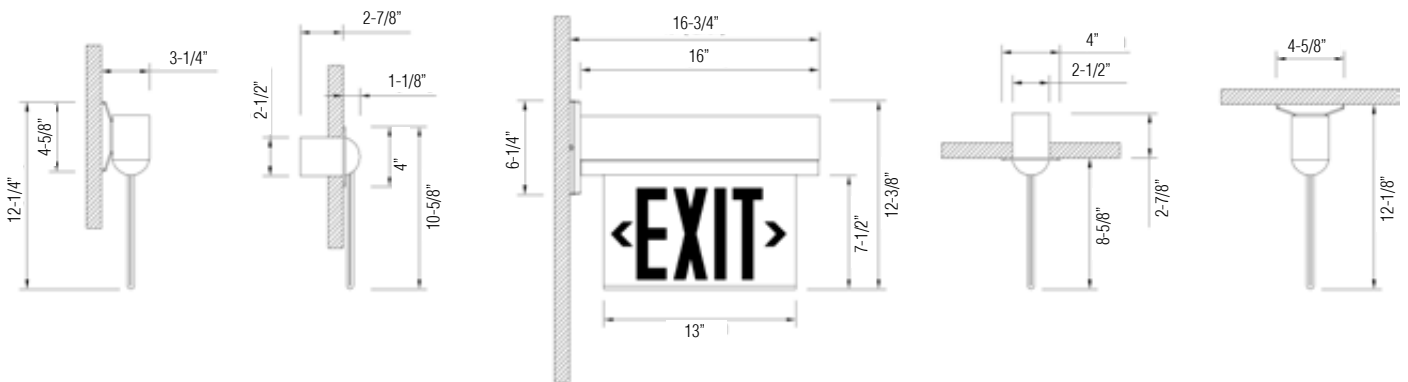


Standard - Circular Trim Plate



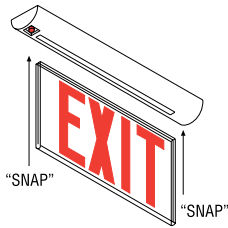
Optional - Angular Trim Plate

Dimensions

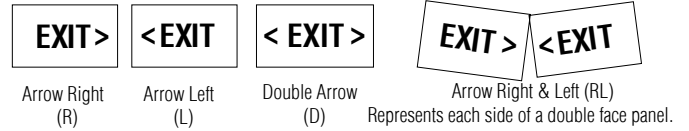


Mounting Configurations

All mounting configurations use the same basic components. Inserting a trim ring allows for recessed mounting on walls or ceilings. Applying a canopy allows for surface mounting on ceilings or walls as back or end mount.



Arrow (Chevron) Designation



How To Order

Sample Part Number: EEBELS-W-1-N-C-L-A-S-D-8

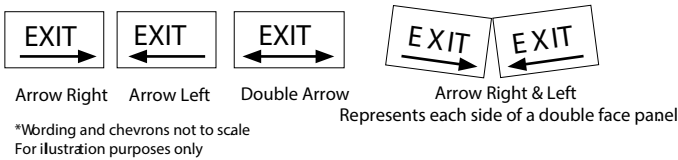
Series	Housing Color	Faces	Designation	Legend Color	Background Color	Arrows	Trim	Mounting	Options	Legend Size				
EEBELS	W= White	1= Single face	N= New Design	R= Red	C= Clear (single face only)	Blank= No arrow	-A= angular	U= universal mount	Blank= No option	Blank= 6" EXIT legend				
	B= Black					L= Arrow left			-FA= Fire alarm					
	Blank= Brushed aluminum					R= Arrow right			-D= Self-Test and diagnostic					
	PB= Polished brass					RL= Right and left Double face			-DC= AC/DC remote 6-24 VDC					
	CH= Polished chrome	2= Double face				G= Green			W= White	D= Double arrow	-C= circular	S= Surface mount	-2CKT= Two circuit, AC only	-8= 8" EXIT legend (red only)
	BR= Bronze									UA= Universal field installed arrows			-FZ= Flasher & buzzer (Self-Powered only)	-LP= Panel shipped separately
					-X= Back box shipped separately									



BRIOSAR

Edge-lit recessed ceiling-mount exit sign

Arrow (Chevron) Designation



Construction

- Trim plate, trim ring and canopy made of die-cast aluminum
- U-shaped clear acrylic Legend panel features laser-etched letters and chevrons
- 6 inch EXIT lettering legend, available in red or green
- 8 inch EXIT lettering legend, available in red
- Choice of finishes: white, black or brushed aluminum, polished brass, polished chrome or bronze

Mounting

- Hanger bars included for lay-in installation in t-bar grid
- Housing provided with conduit knock-out 1/2", top, back and end
- Flat trim plate used for recessed ceiling mount only applications

Warranty

- Unit has a five-year limited warranty

Approvals

- UL 924 listed
- Meets NFPA101 (Life Safety Code), NFPA 70 NEC, OSHA illumination standards
- E-California Energy Commission Title 20

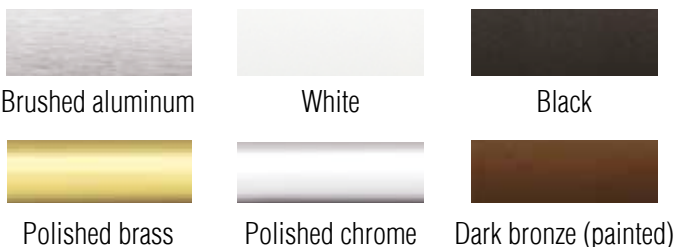
Electronics

- Optional Advanced Diagnostics
- Optional Nexus® monitoring system
- 120-277 60Hz

Special wording panels

- Available. Contact your sales representative with your design requirements

Housing color

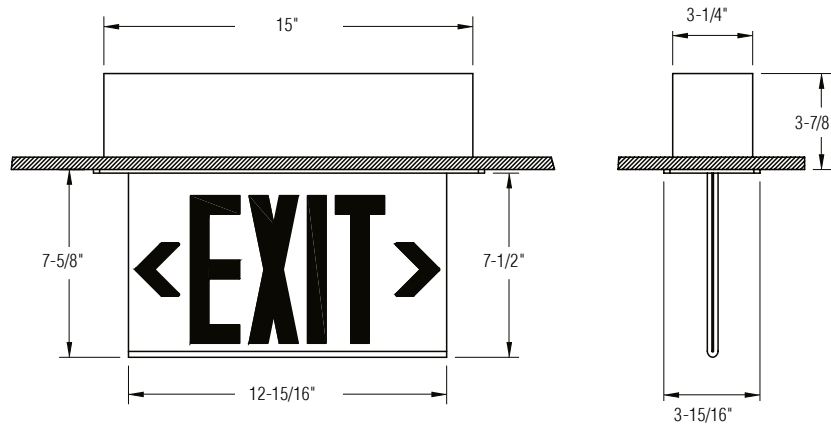


Accessories (order as a separate item)

* Bar hangers supplied with unit, order as replacement only

Description	Suffix ¹
Special wording	Contact your sales representative
Two 27-inch adjustable bar hangers ¹	TBH

Dimensions



How To Order

Example: W-LGBELRSNX-42-N-R-W-R-AD

Housing	Series	Faces	Designation	Legend color	Background color	Arrows	Options	Legend size
BA= Brushed aluminum	LGBELRX= AC-only	40= Less panel	N= New design	R= Red	C= Clear (single face only)	NA= No arrow	Blank= No option	Blank= 6" EXIT legend
W= White						D= Double arrow	-AD= Advanced Diagnostics (non-audible) ¹	
PB= Polished brass	42= Single face	W= White				L= Arrow left	-2CKT= Two circuit, AC only	-8= 8" EXIT legend (red only)
CH= Polished chrome				R= Arrow right	-DC= AC/DC remote 6-24 VDC			
BR= Bronze	LGBELRSNX= Self-powered	43= Double face		G= Green	M= Mirror	RL= Right & left (double face)	-FA= Fire alarm ¹	-LP= Panel shipped separately
						UA= Universal field installed arrows		