

PROJECT NAME:	APPROVED BY:
CATALOG NO:	TYPE NO:

SOVEREIGN - LED Exit Signs

Architectural Edgelit - Flat Trim

EYE APPEAL

Sovereign LED edgelit exit signs set the standard for architectural appeal; always enhancing their surroundings and pleasing even the most discerning eye.

Subtle lines and soft curves create a distinctive “floating” edgelit look. Quality construction includes precision die cast aluminum housings with a unique, crystal clear, laser-formed thin acrylic legend.

The Sovereign has been designed with the latest high efficiency LED light sources to provide vivid pronouncement of its exit legend with exceptional uniformity and luminance levels – 4X the UL requirement.

Engineered for reliability and ease of installation, Sovereign comes in many cost-effective configurations offering superlative quality, performance, and aesthetics.

Construction

- Contoured crystal clear laser formed edgelit lens
- Lens Panel is “Last-to-Assemble” snap-in for versatility and ease of installation
- Full size universal, self-adhesive Chevron arrows with template enable on-site configuration
- Available with a range of information signage or custom graphics to order
- Custom legends with white LED light source available to order
- Precision pressure die cast aluminum legend holder, trim and surface mount housing
- Quality brushed aluminum sealed finish is standard, optional White, Black, brushed painted Brass finishes available.
- Consult factory for custom finishes.
- Hinged retaining springs eliminate exposed mounting hardware on recessed model
- Modular design provides ease of installation and matching configurations
- Low profile recessed housing is suitable for old or new work installations and is Type IC Rated
- Recessed ceiling back box features universal adjustable mounting brackets with quick-fit retaining clips to suit most ceiling types
- Slimline low profile surface mount housing eliminates need for recessing box in wall mount applications

Electrical

- Diagnostic Battery Monitoring on all “EM” models
- Available with Master/Remote combinations
- Battery Diagnostic Circuit monitors battery status, detects cell failure and issues alert of reduced capacity and the need to replace battery
- Unique electronic driver circuit provides current control and protection ensuring optimum LED efficiency and life
- Universal 120/277 VAC field selectable input. All versions feature fully integral electronic components
- Premium long life high temperature rated, fused Nickel Cadmium battery
- Recessed AC Indicator and Test Switch
- Brownout sensing assures emergency illumination during periods of low line voltage
- Self-compensating solid state Constant Current Charger provides extended float life and rapid recharge
- Zero current LVCO ensures positive charge acceptance following extended discharge



Recessed Ceiling Mount

Illumination

- Maintenance free LED Light source with 25+ years life expectancy
- Refractive light guide engineered to optimize LED utilization and illumination uniformity

Certification

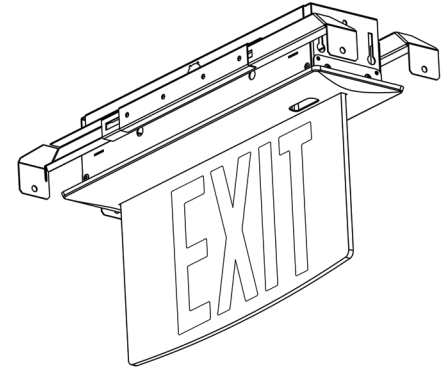
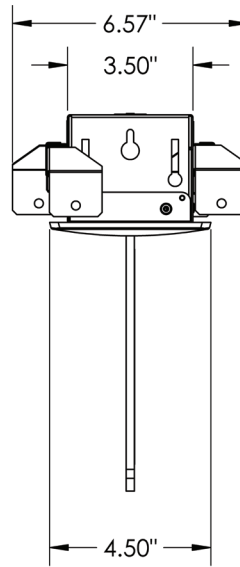
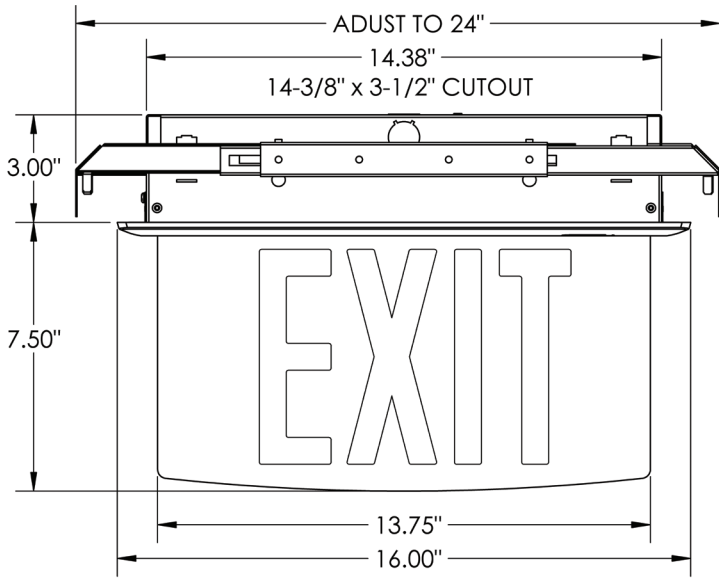
- Approved for use in New York City calendar #48851
- UL Listed 3 hour emergency duration standard
- UL 924 Listed by Underwriters Laboratories and meets or exceeds all performance standards as required by NFPA 101, NFPA 70-NEC and OSHA
- California Energy Commission (CEC) Title 20 Compliant

Warranty

- 5 year limited warranty



Sovereign LED Exit Signs



Power Consumption			
Type	Volts	Max Watts	Power Factor
RED AC Only	120 / 277	1.5	.70
RED Battery Backup	120 / 277	2.5	.70
RED Battery Backup with Remote	120 / 277	3.0	.73
GREEN AC Only	120 / 277	2.3	.70
GREEN Battery Backup	120 / 277	3.0	.76
GREEN Battery Backup with Remote	120 / 277	4.0	.81

ORDERING GUIDE – SOV

Example: SOV-EM-R-1W-BA-RC-UC-SD-FT-FP

Model	Operation	Legend Size/ Letter Color	Faces/ Background	Trim/ Housing Color	Mounting	Chevron Direction	Options
SOV	AC AC Only 120/277 VAC EM Battery Backup Emergency	R RED Standard 6" EXIT G GREEN Standard 6" EXIT NR RED 8" EXIT NG GREEN 8" EXIT	1C Single Face, Clear Background (standard) 1M Single Face, Mirror Background 2M Double Face, Mirror Background (Mirror simulates clear background for double face exits) 1W Single Face, White Background 2W Double Face, White Background	BA Brushed Alumi- num (standard) WH White Finish BK Black Finish BR Brushed Brass Painted Finish CC Custom Color (specify)	Standard Mounting RC Recessed Ceiling Optional Mounting UP Back Box Pre Shipped	UC Field Installed Adhesive Chevron Indicators AR Arrow Right EXIT> AL Arrow Left <EXIT AA Double Arrow <EXIT> LR Arrow Left/Arrow Right <EXIT/EXIT> (Double Face units only) <i>Factory installation of Chevrons is recommended for Double Face Signs</i>	DK Two Circuit Input –Specify Input Voltage (AC Models only) DL Damp location listed EU Euro Legends (Consult factory for full range) F Flash in Emergency Mode (EM Models) or continuous Flash in AC models FA Flash in AC and Emergency mode on 12-24V (AC or DC) normally-off fire alarm signal (Available for AC and EM models) FB FA Option including Buzzer FZ F Option including Buzzer FT Flat Trim for Recessed Ceiling Mount FP Flat Panel (no curve on panel bottom) IN Inverted Legend – Use with Mullion Mount IR Self-Diagnostics with Infrared remote Testing (EM models only) TLRT Infrared hand held Trans- mitter (order separately) LL Remote is the Razor Mk3 LL model with security cover SD Self-Test / Self- Diagnostic(EM models Only) VA Other Input Supply Voltage (Consult Factory)
SOV							

Fill in fields from categories above and complete type and part number.

Type Number:

Full Part Number:

