

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

SOVEREIGN - LED Exit Signs

Chicago Approved Architectural Edgelit

EYE APPEAL

Sovereign LED edgelit exit signs are approved for use in the City of Chicago and 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, 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. Unique City of Chicago approved field installable directional arrows or can be factory installed. Engineered for reliability and ease of installation, Sovereign comes in many cost-effective configurations offering superlative quality, performance, and aesthetics.

- Field applied directional arrows reduce inventory to just single and double face signs
- Three hour run time is standard
- Both legend characters and background are illuminated
- Excellent uniformity: legend 1.4:1, avg. 6cd/m², Background 2.5:1, avg. 31 mcd/m²
- Last to assemble snap in lens
- <3 watt power consumption



ORDERING GUIDE – SOC

Example: SOC-EM-3UA-BA-RC-SD-FT

Model	Operation	Legend Code Number Single Face	Legend Code Number Double Face	Trim/Housing Color	Mounting	Options
SOC	AC AC Only EM NiCad Battery Backup	3 Exit (No Arrow)	18 Exit (No Arrow)	BA Brushed Aluminum (standard)	Standard Mounting RC Reaccessed Ceiling RP RC w/Pre-shippedbackbox SC Surface Ceiling SW Surface Wall SE Surface End Optional Mounting MM Mullion Mount PA 12" Swivel Pendant Mount PB 24" Swivel Pendant Mount PC 36" Swivel Pendant Mount PD 48" Swivel Pendant Mount	DL Damp location listed
		3UA Exit (w/Field Installed Universal Arrow Kit)	18UA Exit (w/Field Installed Universal Arrow Kit)	WH White Finish		SD Self-Test / Self Diagnostics (EM Models Only)
		6 Exit (Right Arrow)	21 Exit (Right or Left Arrow)	BK Black Finish		F Flash in Emergency Mode (EM Models) or continuous Flash in AC models
		9 Exit (Left Arrow)	24 Exit (Double Arrow)	BR Brushed Brass Painted Finish		FZ F Option including Buzzer
		12 Exit (Double Arrow)	17 Stairs (No Arrow)	CC Custom Color (specify)		FA Flash in AC and Emergency mode on 12-24V (AC or DC) normally-off fire alarm signal (Available for AC and EM models)
		2 Stairs (No Arrow)	17UA Stairs W/Field Installed Universal Arrow Kit)			FB FA Option including Buzzer
		2UA Stairs (w/Field Installed Universal Arrow Kit)	20 Stairs (Right or Left Arrow)			DK Two Circuit Input, 120 or 277 (specify Voltage AC Models Only)
		5 Stairs (Right Arrow)	23 Stairs (Double Arrow)			FP Flat Panel (no curve on panel bottom)
		8 Stairs (Left Arrow)				FT Flat Trim for Recessed Ceiling Mount
		11 Stairs (Double Arrow)				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)			

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

Type Number:

Full Part Number:

Sovereign LED Exit Signs

Construction

- Plenum rated back-box can be pre-shipped for early installation
- Contoured crystal clear laser formed edgelit lens
- Lens Panel is “Last-to-Assemble” snap-in for versatility and ease of installation
- Field applied directional arrow kit includes locating template, arrow adheres to lens to prevent removal
- Field applied bidirectional arrows reduce inventory to just single or double face
- 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 ceilings
- Slimline low profile surface mount housing eliminates need for recessing box in wall mount applications

Electrical

- Diagnostic Battery Monitoring on all “EM” models
- Maintenance free LED Light source with 25+ years life expectancy
- Red letters are 6” high with 3/4” stroke, power consumption is < 3 Watts for all models
- 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, operating temperature 10° to 40°C
- Recessed AC Indicator 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

Illumination

- Refractive light guide engineered to optimize LED utilization and illumination uniformity
- Both the legend and characters are illuminated with excellent legend uniformity 1-4:1 background, 2.5:1 Avg. 31cd/m², avg. 6cd/m²
- Available with a range of information signage or custom graphics to order

Certification

- City of Chicago approved with field-installable universal arrows
- UL Listed 3 hour emergency duration standard
- City of Chicago approved, UL 924 Listed by Underwriters Laboratories and meets or exceeds all performance standards as required by NFPA 101, NFPA 70-NEC and OSHA



Warranty

- 5 year limited warranty

Dimensions

