



SDI

CORRECTIONAL EXIT

The Shat-R-Shield SDI Series Correctional Exit Sign provides rugged cast aluminum heavy duty frame suited for Correctional/Detention/Institutional environments which incorporates a durable 1/8" thick polycarbonate security faceplate cover, tamper resistant access screws and where required, a Heavy-Duty mounting canopy. recyclable at the end of it's useful life.



Ordering Chart Information

Example: SDI-AC-R-1-AB-1B-00-K1-DL

Model	Power Supply		Face Color		No. Of Faces		Housing		Mount	
SDI	AC	120/277 AC Only	R	Red	1	Single	AB	Aluminum on Black	1B	Back Mount
	EM	add Battery Backup	G	Green	2	Double	BB	Black on Black	CI	Canopy Mount
							WW	White on White		
							AA	Aluminum on Aluminum		
							AW	Aluminum on White		
Option 1			Option 2			Option 3				
00	None		00	None		00	None			
_F	Flasher		K1	Two Circuit Input (120V)		DL	Damp Location			
FA	Fire Alarm Interface		K2	Two Circuit Input (277V)						
FB	Fire Alarm + Buzzer									
FZ	Flasher + Buzzer									

For accessories not shown or custom plates, please contact customer service at (800) 223-0853.

Specifications

CONSTRUCTION

- Injection molded internal cavity reflector provides ease of installation and maintenance together with perfectly even legend illumination
- Long-Life Silicone gasket provides IP66 Wet Location Ratings, meets NEMA 4X requirements
- Injection molded internal cavity provides ease of installation and maintenance together with perfectly even legend illumination
- Die cast aluminum housing with a minimum wall thickness of .08", and a 1/8" thick beveled edge polycarbonate security cover over each stencil face
- Security cover and hinged faceplate is secured and locked with tamper resistant stainless steel screws
- Ceiling or end wall mounting installations are provide with an oversized canopy that enables more secure mounting with fixing points over a larger surface area
- Canopy is attached to sign with two die cast 3/8" nipples and lock nuts and is suitable for conduit entry
- Fine grain brushed aluminum stencil face standard
- Other finishes available
- Full size 100' viewing distance field selectable Chevron indicators
- Hidden knock out access points and universal mounting pattern

Specifications Continued

ELECTRICAL

- Maintenance free LED light source with 25+ years life expectancy
- Battery backup models consume just 2.5 watts, .77 power factor
- 4 Hour battery backup runtime with premium long life, high temperature fused nickel cadmium battery pack
- 120 or 277 VAC field selectable input with quick install push-wire connectors
- Circuitry includes - Zero current LVCO, Brownout sensing & Line-Latch
- Self-Diagnostic Battery monitoring on all 'EM' models
- Electronic control circuit applies full wave, low ripple current to each LED thereby optimizing life and light output. A diagnostic self compensating constant current charger circuit monitors the condition of the battery pack and indicates via a flashing LED when battery needs replacing
- Remote capable to power a remote exit sign only

ILLUMINATION

- High intensity LED array provides exceptional energy efficiency with just 1-watt power consumption for both single and double face AC models
- Vivid legend illumination approx. 4 times the minimum UL 924 requirement
- Spectrally matched diffuser for superior visual brightness and uniformity

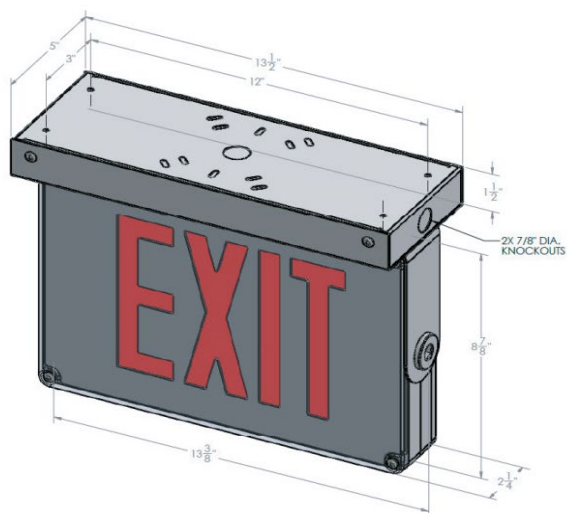
CERTIFICATION

- Tested, approved and listed by Underwriters Laboratories to UL924, meets NFPA 101 Life Safety Code, NFPA 70- NEC, and OSHA requirements
- California Energy Commission (CEC) Title 20 Compliant

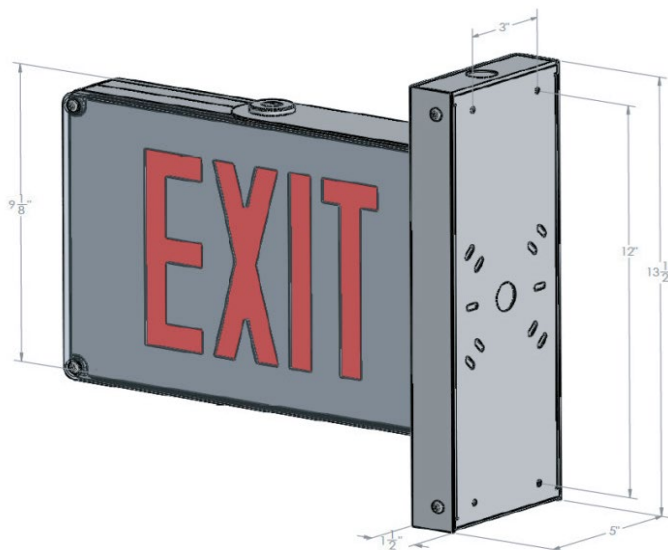
WARRANTY

5-year limited warranty. Complete warranty terms located [here](#).

Dimensional Data



Top Mount



End Mount