



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.

Specifications: **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

WARRANTY

5-year limited warranty.

Certifications: UL Listed, NEMA4X, IP66, BAA, Title 20 Compliant

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