EVENLITE
LIVES DEPEND ON US

Project Name:	Approved By:
Catalog No:	Type No:

SENTRY SDI

Institutional LED Exit Sign

TITLE 20 COMPLIANT

BAA COMPLIANT

Introducing the next standard in industrial-grade emergency exit signage – the Sentry SDI. Purpose-built to replace the Sentry CDI, the SDI redefines performance with an ultra-slim 2.5" profile and a virtually unbreakable 1/8" polycarbonate security lens. Engineered for the most demanding conditions, its tamper-resistant design and precision-engineered canopy—adaptable for Top or End mount configurations—ensure uncompromising durability, seamless installation, and a modern aesthetic that speaks to our commitment to protection, reliability, and innovation.

CONSTRUCTION

- Injection-molded internal cavity reflector ensures easy installation and maintenance while delivering perfectly even legend illumination
- Rugged Four-Piece Construction – Engineered with heavy-duty die-cast aluminum and an impact-resistant polycarbonate faceplate, the enclosure features a thick-wall design to ensure long-term structural integrity and resistance to mechanical abuse
- Available in a standard contrast finish of White or Black Frame over a Black, White or Brushed Aluminum architectural finish. See ordering guide for details.
- Ceiling or end wall mounting installations are provided with an oversized canopy that enables more secure mounting with fixing points over a larger surface area.
- Canopy is attached to the sign with two die-cast 3/8" nipples and lock nuts and is suitable for conduit entry
- Also available as a universal field-selectable kit (U), configurable for single or double-face applications
- Single or double-face models can be field-modified to accommodate either configuration, with an additional face, face cover or back, available for separate order

ELECTRICAL

- EM Standard battery backup models are U.L listed with 120-minute emergency runtime, including support for an optional Razor Remote RZRR3 Exit sign where required. They are equipped with a premium long-life high-temperature fused Nickel Cadmium battery, and feature a diagnostic circuit that monitors the battery condition and indicates via a flashing LED when battery needs replacing
- SD Self-Test, Self-Diagnostic Models are U.L. listed with a 120-minute emergency runtime, and compatible with an optional Razor Remote RZRR3 Exit sign or up to a 3 watt remote lamp fixtures. Equipped with a long-life, high-temperature fused Nickel Metal Hydride battery
- SD Option Compatibility – Supports an optional low-voltage remote matching Razor RZRR3 sign (-REX option, ordered separately). When paired with the -RL option, it also supports one remote PRW1.5 head. Alternatively, with only the -RL option, it supports a 3-watt remote load at 3.6V, compatible with Ray-RH or up to two PRW1.5 remote heads.
- 120 or 277 VAC field-selectable input with quick install whip connector system
- Listed for Wet and Damp locations 10°C to 40°C. The CT cold temperature option allows temperatures down to -40°C (-40°F) to 45°C)
- Power Consumption: AC only Models 3.72W, EM Models 4.1W, SD Models 4.56W, CT Models 7W
- Electronic control circuit applies full wave, low ripple current to each LED, thereby optimizing life and light output
- Circuitry includes - zero current LVCO, brownout sensing and line-latch

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 cUL Listed by Underwriters Laboratories Inc. in compliance with UL924, and Canadian CSA-C22.2 No. 141-15
- Meets or exceeds NFPA 101 Life Safety Code, NFPA 70-NEC and OSHA requirements
- California Energy Commission (CEC) Title 20 Compliant
- NEMA 4X Certified (Available only with the -1B option)
- Buy American Act compliant

WARRANTY

- 5 year limited warranty - view complete warranty terms online at www.evenlite.com/terms-warranty.

ORDERING GUIDE

SDI-EM-R-1-W-W-1C-F

MODEL	OPERATION	LETTER COLOR	FACE COUNT	FACE COLOR	FRAME COLOR
SDI	**AC** AC Only (120/277 VAC)	**R** Red	**1** Single Face	**W** White	**W** White
	EM Battery Backup Emergency	**G** Green	**2** Double Face	**B** Black	**B** Black
	HY Hybrid[1]		**U** Universal	**A** Brushed Aluminum	**C** Custom Color[3]
				C Custom Color[2]	
SDI					

MOUNTING	OPTIONS
1B Back Mount (No Canopy)	**SD** Self Diagnostic[4]
IC Institutional Top Mount Canopy	**IR** Self-Diagnostics with Infrared Remote Testing[4]
IW Institutional End Wall Mount Canopy	**DK** Two Circuit Input 120/277[5]
	2H 2 Hour Runtime
	F Flasher[6]
	FA Fire Alarm Interface[7]
	REX Low Voltage Remote Razor Exit[8]
	RL Remote Load[9]
	TLRT Infrared Remote Hand Held Transmitter[10]

ORDERING NOTES

1 Hybrid can only be configured with green letter color
2 Specify RAL #
3 Contact Factory
4 EM models only
5 AC models only
6 Flash in emergency mode (EM models) or continuous flash (AC models)
7 For 12-24V (AC or DC) normally-off fire alarm signal
8 Requires SDI-SD option – Order RZRR3 separately. See data sheet.
9 Requires SDI-SD option – Order Ray-RH or PRW1.5 separately. See data sheet.
10 Order separately

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

Type No:	Full Part No:

ADDITIONAL IMAGES

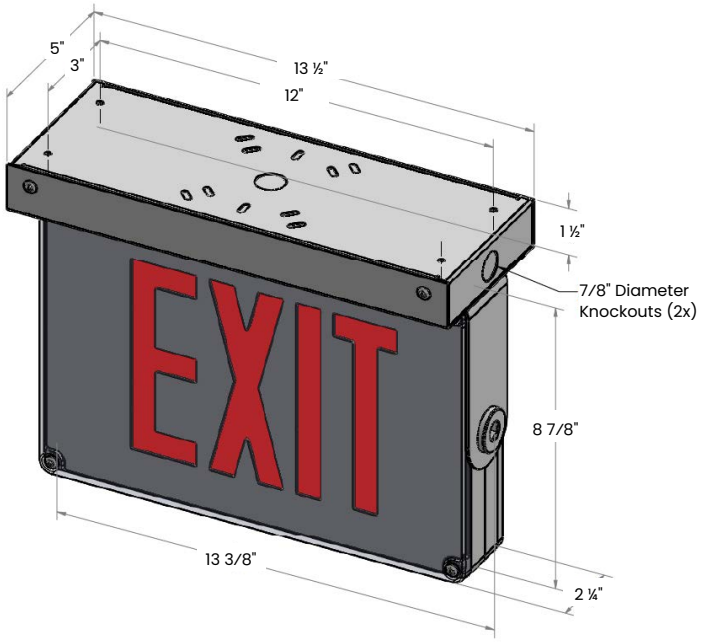
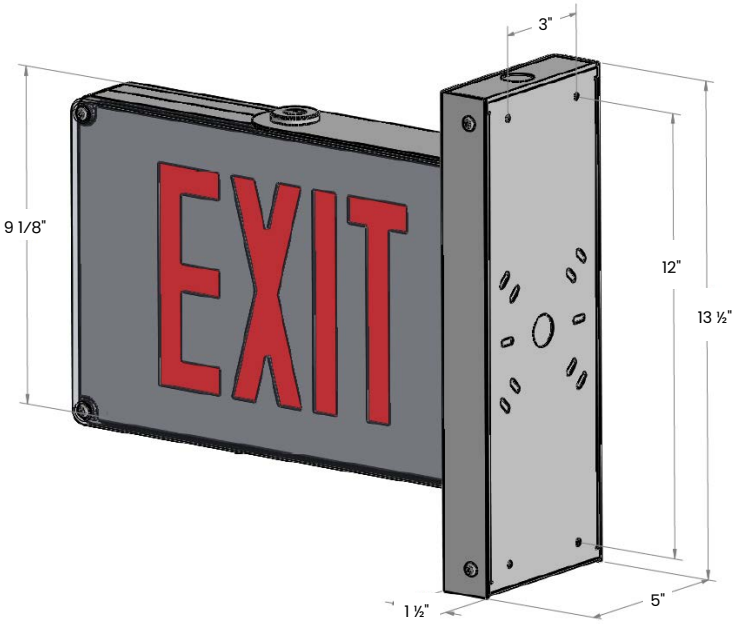
TOP MOUNT
Black Housing with Red Legend

TOP MOUNT
White Housing with Red Legend

END MOUNT
White Housing with Red Legend

DIMENSIONS

TOP MOUNT



END MOUNT