



Project		Date	
Type		Notes	

Ironclad® RZ Exit Signs

The Ironclad® RZ's 5/8" profile provides a modern, inconspicuous LED exit sign with wall, canopy or pendant mounting options. Sophisticated electronics provide impressive energy efficiency consuming just 2 watts. Illumination of 18fL is 7 times the minimum code requirements with a unique refractive-pattern light guide that distributes the LED evenly for flawless legend uniformity. Field-selectable top or end canopy mounting, snap-lock assembly and optional square pendant rod with matching slim profile adaptors and canopy, simplifies install and improves versatility.

Construction

- Ultra-Slim 5/8" Die Cast Aluminum Housing. Available in Fine Grain, Brushed Aluminum or powder coated White or Black finishes.
- Unique snap fit housing design eliminates unsightly hardware
- Removable face with field selectable Chevron directional indicators
- Light Guide, light engine, batteries and electrical connectors are neatly housed in a single injection-molded frame assembly with flexible circuit board and simple mating connector.
- Mounts to standard 4S Junction box in Wall, Canopy or Pendant mount configurations

Options:

- Low profile canopy for end or top mount applications
- Hang Straight 1/2" Square Extruded Aluminum Tube Pendant and mating adaptors.
- Polycarbonate face shield with snap-fit installation ideal for vandal resistant and low level applications (U.L. listed for floor proximity installation)
- Also available with an additional remote powered sign (see data sheet RZMR3) or open face custom graphic (see data sheet RCG3)

Electrical

- Unique High intensity LED array provides exceptional energy efficiency with just 2 watts power consumption for both single and double face AC models. Battery backup models consume just 2.4 watts.
- Solid State circuitry provides optimum condition power supply for the LED's which are powered at less than 50% of their rated operating current ensuring minimal heat dissipation and subsequent exceptional LED life predicated to maintain 80% luminosity after 20 years continuous operation.
- Optional Self-Diagnostic Battery monitoring on all 'EM' models
- Optional Self-compensating constant current charger circuit monitors the condition of the battery pack and indicates via a flashing LED when battery needs replacing

- 120 or 277 VAC field selectable input
- Circuitry includes - Zero current LVCO, Brownout Sensing & Line-Latch
- Optional functions available: Self-Test, Self-Diagnostics, Fire Alarm Interface, Flash in Emergency Mode or Continuous Flash in AC mode, Infrared Remote testing (up to 40 feet away), Dual AC input and 2 Watt Remote Lamp Head Capacity.
- Premium High Temperature Maintenance free, eco-friendly Nickel Metal Hydride battery with fuse protection.
- Standard Battery Backup models are U.L. listed with 240 minutes emergency run time, 2.6 times longer than the 90 minute code requirement and assures optimum battery capacity over many years of natural depreciation. Remote lamp head rated models are U.L. listed for 90 minutes emergency run time.
- UL and CSA listed as standard "Suitable for use in damp locations 10° - 40° C"

Illumination

- Unique injection molded 3mm refractive light guide produces flawless uniformity and vibrantly illuminated 18fL legend - 7 times the minimum UL 924 requirement at a 100' viewing distance
- Red or Green LED with 6" letters and 3/4" stroke
- Maintenance free LED light source with 25+ year's life expectancy

Certification

- Tested and Listed by Underwriters Laboratories in compliance with UL924 and CSA-C22.2 No. 141-15. RZ also meets or exceeds all performance standards as required by NFPA 101 Life Safety Code, NFPA 70-NEC and OSHA
- California Energy Commission (CEC) Title 20 Compliant

Warranty

- 5 Year Limited Warranty

Ordering Guide

Model	Operation	Letter Color	No. of Faces	Body Color	Mounting
RZR3					
RZR3	AC = AC Only 120/277 VAC	R = Red	1 = Single	BA = All Brushed Aluminum	1B = Wall Mount, No Canopy
					CN = Canopy Universal, Top, Left, Right end
			EM = Battery Backup	G = Green	2 = Double
		PB = 24" Hang Straight Pendant Mount			
					U = Universal <i>Universal includes two faces, backplate and canopy</i>
					PD = 48" Hang Straight Pendant Mount
				PE = 60" Hang Straight Pendant Mount	
					PF = 72" Hang Straight Pendant Mount

Option 1	Option 2	Option 3	Option 4	Option 5	Option 6
00 = None	00 = None	00 = None	000 = None	00 = None	00 = None
RC = Remote Lamp Capacity, 2W, 3.6V	SD = Self-Test / Diagnostic (EM Models)	F = Flash in Emergency Mode (EM models) or continuous Flash in AC models	DK1 = Two Circuit Input 120V (AC models)	RS = Razor Polycarbonate Security Cover	I1 = TCRH1 1W single indoor LED Head
	IR = Self-Diagnostics with Infrared Remote Testing (EM Models)	FA = Flash in AC & Emergency mode on 12-24V (AC or DC) normally off Fire Alarm signal (For AC & EM models)	DK2 = Two Circuit Input 277V (AC models)	M9 = M990010 Wire Guard (Wall mount only)	I2 = TCRH2 1W double indoor LED head
					O1 = PRWLED1MV 1W single outdoor LED head
					O2 = PRWLED2MV 1W double outdoor remote head

TLRT = Infrared Transmitter (order separately)

Dimensional Drawing

