



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.



Ordering Chart Information

Example: RZR3-AC-R-1-BA-1B-00-SD-_F-00-RS-O2

Model	Operation		Face Color		No. Of Faces		Housing		Mount		Option 1		
RZR3	AC	120/277 AC Only	R	Red	1	Single	BA	Brushed Aluminum	1B	Back Mount	00	None	
	EM	add Battery Backup	G	Green	2	Double	BK	Black	CN	Canopy Mount	RC	Remote Capacity 2W 3.6V	
					U	Universal	WH	White	Swivel Pendant				
									PA	12 Inch			
									PB	24 Inch			
									PC	36 Inch			
									PD	48 Inch			
									PE	60 Inch			
									PF	72 Inch			
Option 2				Option 3			Option 4			Option 5			
00	None		00	None		00	None		00	None			
SD	Self Diagnostics		_F	Flasher		DK	Two Circuit Input ¹		RS	Polycarbonate Security Cover			
IR	Self Diagnostics w/ Infrared Remote		FA	Fire Alarm Interface					M9	M990010 Wire Guard			
Option 6													
00	None												
I1	TCRH1 Single Indoor LED Remote Head												
I2	TCRH2 Double Indoor LED Remote Head												
O1	PRWLED1 MV Single Outdoor LED Remote Head												
O2	PRWLED2MV Double Outdoor LED Remote Head												
Notes:													
1. Selectable 120/277V													

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

Specifications

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

ILLUMINATION

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

Dimensional Data

