RAZOR MK3
Ultra-Thin Die-Cast LED Exit Sign

The Razor MK3 Classic'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. The 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 adapters and canopy simplify installation and improve versatility.

CONSTRUCTION

- Razor thin 5/8" Pressure Die Cast Aluminum. Available in Fine Grain Brushed Aluminum or powder coated pure White or Black finishes. Other finishes available to order
- 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
- Unique snap fit housing design eliminates unsightly hardware
- Removable face with field selectable Chevron directional indicators
- Low profile canopy for universal end or top mount applications
- Hang Straight ½" Extruded Aluminum matching Tube Pendant and adapters.
- Optional 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.
- Self-Diagnostic Battery monitoring on all 'EM' models
- 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 and 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° to 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. 14115. Razor 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
- Buy American Act compliant

WARRANTY

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

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ORDERING GUIDE

RZR3-EM-R-1-WH-CN-SD

MODEL	OPERATION	LETTER COLOR	NO. OF FACES	FACE & BODY COLOR	MOUNTING
RZR3	**AC** AC Only (120/277 VAC)	**R** Red	**1** Single	**BA** All Brushed Aluminum	**SURFACE MOUNT**
	EM Battery Backup	**G** Green	**2** Double	**BK** All Black	**1B** Wall Mount, No Canopy
			U Universal[1]	**WH** All White	**CN** Canopy Universal, Top, Left, Right End
				CC Custom Color[2]	**PENDANT MOUNT**
					PA 12" Hang Straight Pendant Mount
					PB 24" Hang Straight Pendant Mount
					PC 36" Hang Straight Pendant Mount
					PD 48" Hang Straight Pendant Mount
					PE 60" Hang Straight Pendant Mount
					PF 72" Hang Straight Pendant Mount
RZR3					

OPTIONS

OPTIONS	COMPATIBLE REMOTE HEADS[9]
SD Self-Test/Self-Diagnostic[3]	**M990010** Wire Guard[10]
IR Self-Diagnostics with Infrared Remote Testing[3]	**TCRH1** 1 Watt Single Indoor LED Head
F Flash in Emergency Mode[4]	**TCRH2** 1 Watt Each Double Indoor LED Head
FA Flash in AC and Emergency mode[5]	**PRWLED1MV** 1 Watt Single Outdoor LED Head
DK Two Circuit Input[6]	**PRWLED2MV** 1 Watt Each Double Outdoor Remote Head
RC Remote Lamp Head Capacity (2 Watt, 3.6 Volts)	
RS Razor Polycarbonate Security Cover[7]	
TLRT Infrared Transmitter[8]	

ORDERING NOTES
1. Universal includes two faces, backplate and canopy
2. Specify Color by RAL # or Manufacture detail
3. EM models only
4. Flash in Emergency Mode (EM Models) or Continuous Flash (AC models)
5. On 12-24V (AC or DC). Normally-off Fire Alarm signal (AC or EM models)
6. Field Selectable 120 or 277 VAC (AC models only)
7. Vandal-resistant snap lock clear polycarbonate cover. Available for Single or Double face signs in all mounting configurations. Listed for floor proximity installation
8. Order separately
9. Remote Lamp Head Options. Order Separately (Not to exceed 2 watts per master sign)
10. Wall mount only

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

Type No:

Full Part No:
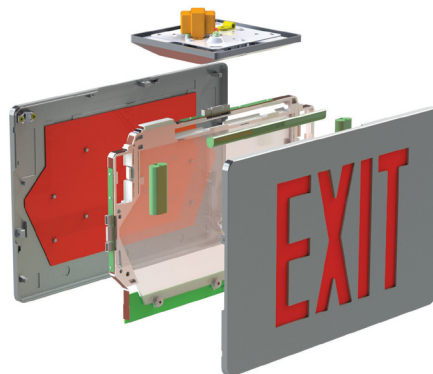
ADDITIONAL IMAGES

WHITE HOUSING FINISH

BLACK HOUSING FINISH

POLYCARBONATE SECURITY COVER

CONSTRUCTION VIEW

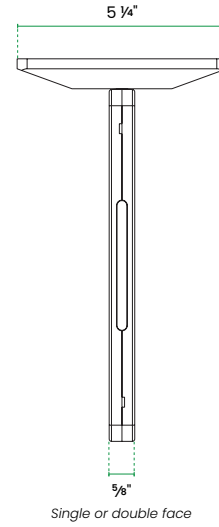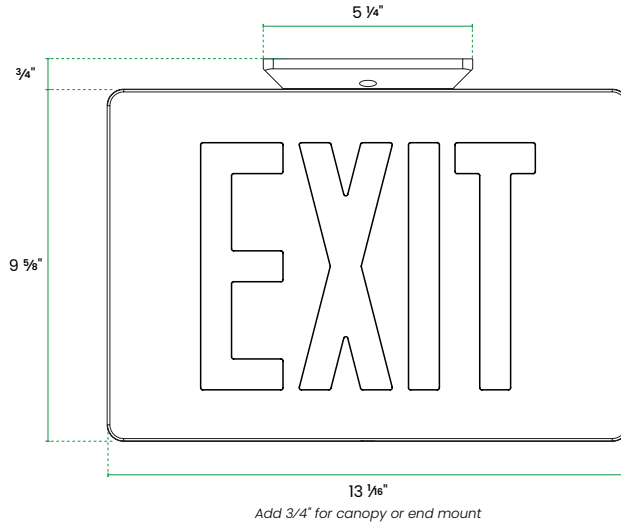**OPTIONAL PRWLED1MV**
Outdoor LED Remote Lamp Head

OPTIONAL TCRH1
Indoor LED Remote Lamp Head

BRUSHED ALUMINUM FINISH
With Hang Straight Pendant

DIMENSIONS & MOUNTING

SURFACE MOUNT

5 ¼"

¾"

9 ⅝"

13 1⁄16"

Add 3/4" for canopy or end mount

5 ¼"

⅝"

Single or double face

UNIVERSAL MOUNT

Ceiling Mount

Right and Left End Mount

Surface Mount to Standard
4S Junction Box

Test Switch / Status Indicator
EM and SD Models Only

Pendant Lengths
12", 24", 30", 36", 48", 60", 72"

PENDANT MOUNT

EVENLITE.COM | 2575 METROPOLITAN DRIVE TREVOSE, PA 19053 | O: 1.800.872.0879 | F: 215.244.4208
SPECIFICATIONS AND DETAILS ARE SUBJECT TO CHANGE WITHOUT NOTIFICATION. CONTACT EVENLITE FOR UP TO DATE DETAILS.

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