

Attractive and easy-to-install, the RMPC Series combines quality LED illumination with contemporary soft corner styling to complement any application. Universal mounting and included pictograms to fit any installation make this versatile sign perfect for any application.

Model: _____ Date: _____
Accessories: _____
Job Name: _____ Type: _____

FEATURES & BENEFITS

- Rugged, injection-molded ABS thermoplastic housing in an easy to install, snap-together design
- LED emergency lamps can swivel to a top or side position and are interchangeable to a front or back position to direct light where it is needed
- UL 94 5VA flame rated
- CSA Listed with 90 minute emergency run time, 24 hour recharge time
- Suitable for Damp Locations



SPECIFICATIONS

Illumination: EXIT Legend: High-output, long-lasting white LEDs
EM Lights: 1W ultrabright white LEDs, 6000K CCT

Housing: UL 94 5VA flame-retardant, corrosion-proof and UV-stable thermoplastic

Input: 120/347VAC Dual primary, 50/60Hz

Battery: Maintenance-free NiCad battery

Operating Temp: 10°C to 40°C (50°F to 104°F)

Run Time: cCSAus Listed 90 minute emergency run time, 24 hour recharge time

Mounting: Ceiling, end or wall mount, mounting canopy included

Finishes: White

Certifications: cCSAus Listed for Damp Locations, meets or exceeds UL 924, NEC requirements and NFPA 101

Warranty: Any component that fails due to a manufacturing defect is guaranteed for five years with a separate five year prorated warranty on the battery. The warranty does not cover physical damage, abuse or instances of uncontrollable natural forces.



UNIVERSAL PICTOGRAMS

The RMPC provides two pictograms with no directional indicators, a pictogram with a left facing directional indicator and a pictogram with a right facing directional indicator, as well a default blank face.



Arrow Left (1 pc)



Arrow Right (1 pc)



Without Arrow (2 pcs)

ORDERING INFORMATION Example: RMPC-1W-WH

Series	Lamps	Finish	Accessories (Order as separate line item)
RMPC	1W = 1 Watt LED x 2	WH = White	WG-S = Wire Guard (Back Mount)

CONSTRUCTION

The RMPC is constructed of an injection-molded ABS housing made of a UL 94 5VA flame-retardant, corrosion-proof and UV-stable thermoplastic. Units resist denting, peeling and scratching.

ILLUMINATION

Illumination of the RMPC is achieved with high-output, long-lasting white LEDs. The stenciled pictogram legend diffuses light and eliminates hot spots providing optimal light output.

EMERGENCY LIGHTS

Fully adjustable emergency lights are made using 6000K CCT ultrabright white LEDs consuming 1W each. These emergency lights produce a combined 150 lumens and provide 16' on-center spacing at an 8' mounting height.

ELECTRICAL

Input

Dual-voltage input 120/347VAC @ 50/60Hz.

Nickel Cadmium Battery - NiCad

Exitronix NiCad batteries are maintenance-free and continue to perform optimally in temperatures ranging from 10°C to 40°C (50°F to 104°F).

Emergency

The RMPC will operate for a minimum of 90 minutes during loss of power with a 24 hour maximum recharge time for the battery.

Solid-State Transfer

The circuit features solid-state switching for emergency lamps, eliminating concerns of damaged contact or mechanical failures associated with relays. The switching circuit detects a loss of line voltage and automatically switches to emergency mode.

Low Voltage Disconnect

Low Voltage Disconnect (LVD) measures the battery terminal voltage. The LVD continuously monitors the battery terminal voltage and if it should fall below a preset voltage threshold, the LVD will disconnect the load. When the battery is recharging and voltage is raised above another preset voltage threshold, the load is automatically reconnected.

Test Button

The test button is easy to locate and provides manual verification of the transfer circuit and emergency lamps.

INSTALLATION

Simple snap-together universal design allows the faceplate and backplate to be fully interchangeable. Mounting canopy is supplied with all signs and snaps into the housing with four positive locking tabs.

CONFORMANCE TO CODES & STANDARDS

The RMPC is CSA Listed and meets or exceeds the following: UL 924, NEC requirements and NFPA 101.

SAMPLE PHOTOMETRICS

Using multiple units mounted at a typical 8' height delivers 16' on-center spacing with a 3' wide path of egress.

ON-CENTER SPACING (Multiple units mounted at a typical 7.5 foot height)

Model	# of LED Lamps	3' Path, 6' Corridor
LED-60	2	16'

Barron assumes no responsibility for local requirements or specific project variables. This is a guideline to be used as a design aid, not as a guarantee of any code compliance.

