

## Explosion Proof Remote Emergency Ballast for EPL-48-2L-LED Explosion Proof Fixtures - C1D1 EPL-EMG-RBALL-C1D1



### EPL-EMG-RBALL-C1D1 Explosion Proof Emergency Backup Ballast

UL Listing: United States - Canada

Dimensions: 17.75" L x 6" W x 5" H

Weight: 30 Lbs

Total Watts: N/A

AC Input Voltage: 120/277 VAC (Auto Select), 60hz

AC Input Current: 90 mA

AC Input Power Rating: 9.5 W

Maximum Load Power: 20 W (Including AC Ballast/Driver)

Output Current: 120 V, 165 mA - 277 V, 72 mA

Illumination Time: 90 Minutes

Test Switch: Single Pole (Momentary)

Battery: High-Temperature, Maintenance Free Nickel-Cadmium

Battery Life: 7 to 10 Year Life Expectancy

Battery Charging Current: 250 mA

Recharge Time: 24 Hours

Charging Indicator Light: LED

Special Features: Fused Output Load Connections

Wiring Hubs: (2) 3/4" EYS w/ Cord Grips

Wiring: Customer Provided

Made in the USA

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### U.L. Ratings

Class 1 Division 1 Explosion Proof

Special Orders - Requirements

Contact us for special requirements

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**The Larson Electronics EPL-EMG-RBALL-C1D1 Explosion Proof Emergency Backup Ballast works in conjunction with a LED fixture to create an emergency lighting system. This explosion proof Ballast operates a maximum load of 20 W at unity power factor. It allows the connected fixture(s) to be on, off, switched or dimmed without affecting emergency operation. Each unit consists of a high-temperature nickel-cadmium battery, charger and electronic circuitry in one steel case. The EPL-EMG-RBALL-C1D1 provides power to the input side of the fixture, including the ballast, can be used with indoor or outdoor emergency fixture applications and offers remote mounting.**

The EPL-EMG-RBALL-C1D1 supports emergency illumination for a minimum of 90 minutes. At a maximum of 20 W at unity power factor, the EPL-EMG-RBALL-C1D1 will provide input power to ballasted lamp supporting it at 100% of the AC rated output throughout the 90-minute emergency illumination period. Upon failure of normal power, the ballast instantly begins providing emergency

power to the connected lighting load for a minimum of 90 minutes. A solid-state low voltage disconnect circuit protects the inverter battery from severe damage by deep discharge during prolonged power failures. When normal power is restored, the EPL-EMG-RBALL-C1D1 automatically returns to charge mode. The battery capacity is fully restored in 24 hours. The explosion proof ballast does not affect normal fixture operation and may be used with a switched or unswitched fixture. It can be installed in close proximity to the fixture or remotely, away from the fixture (up to 250 feet).

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Emergency lighting shall be provided by using a standard fixture equipped with the Larson Electronics EPL-EMG-RBALL-C1D1. Each unit consists of a high-temperature, maintenance free nickel-cadmium battery, charger and electronic circuitry contained in one 16.6" x 2.8" x 2.85" metal case. Solid-state indicator lights signal operational status. The EPL-EMG-RBALL-C1D1 unit shall be capable of powering any fluorescent or LED lighting fixture rated at a maximum of 20 W (at unity power factor) for a minimum 90 minutes regardless of local switch position. The EPL-EMG-RBALL-C1D1 shall allow the connected fixture(s) to be on, off, switched or dimmed without affecting emergency operation. The EPL-EMG-RBALL-C1D1 unit shall exceed emergency standards set forth by the current NEC. It shall be UL Listed, suitable for damp location.

Links (Click on the below items to view):

- [large](#)
- [medium](#)
- [SpecSheet](#)
- [HigResPic1](#)