

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



**HALS-EMG-48-2L-T8-SP0108 T8 Fluorescent Emergency Ballast**

**Type:** Emergency Ballast  
**Dimensions:** 9.40"-L x 2.40"-W x 1.50"-H  
**Weight:** 2.5 lb  
**AC Input Power Rating:** 5W  
**AC Input Voltage:** 120-277 V AC, 50/60 Hz  
**AC Input Current:** 60 mA  
**Emergency Lumens:** 300 - 700  
**Illumination Time:** 90 Minutes  
**Test Switch:** Double Pole  
**Battery:** High-Temperature, Maintenance-Free Nickel-Cadmium Battery  
**Battery Life:** 7 - 10 Years  
**Battery Charging Current:** 280 mA  
**Recharge Time:** 24 Hours  
**Charging Indicator Light:** LED  
**Ambient Temperature Rating:** 0°C to +50°C (32°F to 122°F)

**Quick Summary**

NRTL Certified to UL 924 Emergency Lighting Equipment

**Special Orders - Requirements**

Contact us for special requirements

**Toll Free:** 1-800-369-6671

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**The HALS-EMG-48-2L-T8-SP0108 from Larson Electronics is an Emergency Backup Ballast for (2) 32-watt fluorescent T8 lights. The HALS-EMG-48-2L-T8-SP0108 can be used to replace broken, damaged, missing, or otherwise malfunctioning ballasts in existing emergency T8 fluorescent lights or to add emergency functionality to existing T8 fluorescent lights. This ballast has an AC input power rating of 5 watts and provides 300-700 lumens of emergency illumination for 90 minutes following a power outage or other loss of power. 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 HALS-EMG-48-2L-T8-SP0108 provides power to the input side of the fixture, including the ballast, and can be used with indoor or outdoor emergency fixture applications. This ballast is a direct replacement for HALS-EMG-48-2L-T8 fixtures.**

**\*Please note: This is for the emergency backup ballast ONLY. The fluorescent ballast is a separate component.\***

The HALS-EMG-48-2L-T8-SP0108 supports emergency illumination for a minimum of 90 minutes. The HALS-EMG-48-2L-T8-SP0108 will provide input power to the 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 HALS-EMG-48-2L-T8-SP0108

automatically returns to charge mode. The battery capacity is fully restored in 24 hours. The 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 remote from the fixture (up to 250 feet).

Emergency lighting shall be provided by using a standard fixture equipped with the Larson Electronics HALS-EMG-48-2L-T8-SP0108. Each unit consists of a high-temperature, maintenance free nickel-cadmium battery, charger, and electronic circuitry contained in one 9.4" x 2.4" x 1.5" metal case. Solid-state indicator lights signal operational status. The HALS-EMG-48-2L-T8-SP0108 unit shall be capable of powering any T8 fluorescent lighting fixture rated at a maximum of 5 W (AC input power rating) for a minimum 90 minutes regardless of local switch position. The HALS-EMG-48-2L-T8-SP0108 shall allow the connected fixture(s) to be on, off, switched or dimmed without affecting emergency operation. The HALS-EMG-48-2L-T8-SP0108 unit shall exceed emergency standards set forth by the current NEC. It is suitable for use in damp locations.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com) for more information about our custom options tailored to meet your specific industry needs.



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## Frequently Asked Questions (FAQ)

Links (Click on the below items to view):

- [ISO 9001 Certification](#)
- [Business Certificate](#)