



ESLTS SERIES

T-Bar 12V MR16 LED Unit

Type: _____
 Project/Location: _____
 Contractor: _____
 Prepared By: _____
 Date: _____
 Model No.: _____

Fully recessed units for T-Bar mounting in suspended ceilings. The ESLTS Series battery units are designed for T-Bar ceiling grid installation. This slim-line, unobtrusive unit is ideally suited for any commercial location where there is limited wall space and where the greater directional flexibility of ceiling-mounted heads is needed to provide greater light distribution.

FEATURES

- Rugged steel cabinet with corrosion-resistant undercoating
- Battery and charger are concealed above the ceiling level in the unit cabinet
- Removable panel provides easy access to battery and circuitry
- Test switch and LED indicators are mounted on the visible bottom panel
- Units mount quickly and easily in standard 2' x 2' or 2' x 4' grids without any additional hardware
- Solid-state pulse-type charger – current-limited, temperature-compensated, short-circuit proof and reverse-polarity protected
- Unit comes standard with electronic lockout and brownout circuits
- Sealed dust-proof transfer relay, test switch and LED indicator lights
- Long-life, maintenance-free Lead Acid battery
- Standard 120/347VAC input voltage
- NEXUS® compatible (for more information on NEXUS®, please consult your sales representative)
- CSA C22.2 No. 141 certified
- Available with a selection of 4W, 5W or 6W LED lamps
- Vandal resistance clear polycarbonate lens
- Optional tamper-proof screws available

TYPICAL SPECIFICATIONS

Supply and install a complete emergency lighting system as described herein and shown on the drawings. The **Emergi-Lite® Smart Diagnostic** Micro controller board shall supply the rated load for a minimum of 30 minutes to 87.5% of the rated battery voltage. The unit shall be rated 120V or 347V, 60 Hz and be CSA listed. The unit shall have an output of _____ V.

The charger shall be fully computer tested and its charge voltage factory set to ± 1% tolerance. Chargers with field-adjusted potentiometers are not acceptable. A pulse-type charger shall be employed to promote long battery life and reduce the potential for grid corrosion. The charger shall provide a continuous high charge to recharge the battery, when the battery is at full capacity, the charger will shut-off. Periodically the charger shall provide a pulse of energy to keep the battery topped off. The charger shall be current limited, temperature compensated, short-circuit proof and reverse polarity protected. The unit shall be furnished with an electronic lockout circuit, which will connect the battery when the AC circuit is activated, and an electronic brownout circuit, which will activate the emergency lights when utility power dips below 75% of nominal voltage.

A low voltage battery protection circuit shall be provided and will disconnect the battery from the fused output circuit at the end of discharge. The unit shall self-test for 1 minute every 30 days, 10 minutes on the 6th month and 30 minutes every 12 months. The unit shall be capable of full recharge in compliance with CSA specifications. The unit shall be furnished with sealed dust tight relay, a test switch and seven diagnostic LED indicator lights to continuously monitor the status of the unit: Battery Failure, Battery Disconnected, Charger Failure, Lamp Failure, Service Alarm, AC "ON", Charger High Rate. The unit shall be T-bar mounted and come complete with tool-less emergency lighting heads requiring no tools to adjust or aim.

Equipment is **Emergi-Lite®** model: _____

REPLACEMENT LAMPS

| ORDERING CODE | LAMP TYPE | VOLTAGE/WATTAGE |
|---------------|-----------|-----------------|
| 580.0093-EL | MR16, LED | 12V-4W |
| 580.0104-EL | MR16, LED | 12V-5W |
| 580.0106-EL | MR16, LED | 12V-6W |



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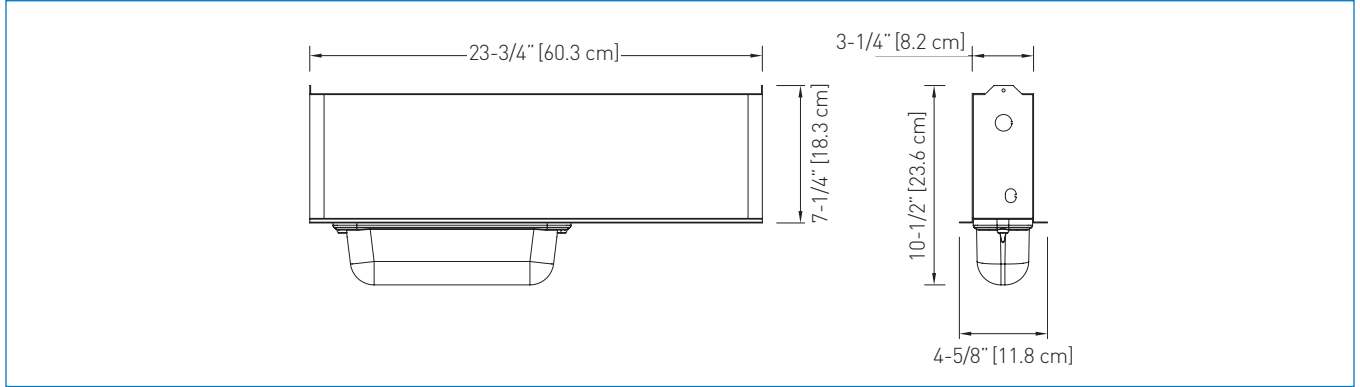
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DIMENSIONS

Dimensions are approximate and subject to change.



POWER CONSUMPTION AND UNIT RATING

| MODEL | AC SPECS | WATTAGE CAPACITY | | | | | |
|-----------|------------|------------------|------|------|------|------|----|
| | | 30MIN | 1H00 | 1H30 | 2H00 | 4H00 | |
| 12ESLTS36 | 120/347VAC | 0.09/0.03A | 36 | 21 | 15 | 12 | - |
| 12ESLTS72 | | 0.15/0.06A | 72 | 42 | 30 | 24 | 12 |

ORDERING INFORMATION

| SERIES | CAPACITY | COLOUR | A.C.VOLTAGE | OPTIONS | # OF HEADS | LAMP WATTAGE |
|--------------|----------------------|----------------------|-------------------------|--|----------------------------------|--|
| 12ESLTS= 12V | 36W= 36W 72W= 72W | Blank= factory white | Blank= 120/347VAC input | U= Auto-Diagnostic, audible UN= Auto-Diagnostic, non-audible NEX= NEXUS® wired system interface* NEXRF= NEXUS® wireless system interface* CT= Cabtire LW= Twist Lock Plug D= Time Delay (programmable) T= Lamp Disconnect P= Light Activated Test Switch TBAC= AC Terminal Block TBACDC= AC/DC Terminal Block TB= DC Terminal Block X2= Remote Test Receiver** TP= Tamper-Proof Screws*** | /2= two heads /3= three heads | LG= MR16 LED, 12V-4W LI= MR16 LED, 12V-5W LJ= MR16 LED, 12V-6W |

* Not all options available with NEXUS® System. Please consult your sales representative.
 **TX2= remote test transmitter (sold separately)
 ***990.0119-E= tamper proof bit (sold separately)

EXAMPLE: 12ESLTS36WU/2LG