

Project/Location: _____

Contractor: _____

Date: _____

Prepared by: _____

ESLPK Series

NEMA-12 Classified,
6, 12 and 24 Volts Battery Units



Typical Specification

Supply and install a complete emergency lighting system as described herein and shown on the drawings.

The Emergi-lite auto diagnostic Micro Controller Board shall supply the rated load for a minimum of a 1/2 hour to 87.5% of the rated battery voltage. The unit shall be rated 120V-347V, 60Hz and be CSA listed.

The charger shall be fully computer tested and its charge voltage factory set to $\pm 1\%$ 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 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.

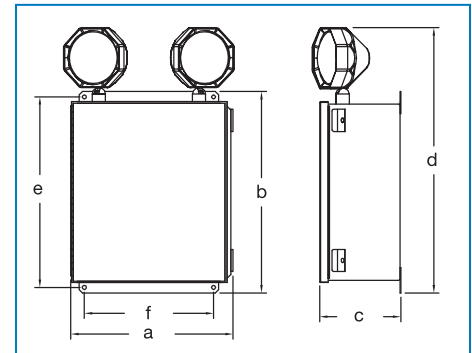
The unit shall be Emergi-lite model: _____.

Features

- 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 sealed lead acid battery
- NEXUS® compatible



Dimensions



Wire Guards

460.0034-E	Wall Mount
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Replacement Lamps

Model	Lamp Type	Voltage-Wattage
570.0016-E	Tungsten (LH9W)	6V - 9W
570.0025-E		12V - 9W
570.0045-E		24V - 9W

Dimensions

Cabinet	Dimensions					
	a	b	c	d	e	f
Size 1 Thermoplastic	11 1/8 in. [29.5 cm]	13 in. [32.9 cm]	5 in. [12.7 cm]	18 1/4 in. [46.4 cm]	13 1/8 in. [35.0 cm]	8 in. [20.3 cm]
Size 2 Fiberglass	11 1/8 in. [29.0 cm]	13 1/8 in. [34.3 cm]	5 1/8 in. [13.2 cm]	18 1/4 in. [47.9 cm]	13 1/8 in. [34.3 cm]	8 1/8 in. [20.5 cm]
Size 3 Fiberglass	13 1/8 in. [34.3 cm]	15 1/8 in. [39.4 cm]	6 1/8 in. [15.9 cm]	20 1/4 in. [52.9 cm]	—	—
Size 4 Fiberglass	17 1/8 in. [44.7 cm]	19 1/8 in. [49.8 cm]	8 1/8 in. [22.4 cm]	25 in. [63.5 cm]	—	—
Size 5 Steel	10 3/8 in. [27.4 cm]	13 1/8 in. [34.1 cm]	5 1/8 in. [13.4 cm]	18 1/2 in. [47.1 cm]	12 1/2 in. [32.0 cm]	9 in. [22.7 cm]
Size 6 Steel	12 1/2 in. [31.9 cm]	15 1/8 in. [39.6 cm]	6 1/8 in. [15.9 cm]	20 1/2 in. [52.1 cm]	14 1/8 in. [37.5 cm]	10 in. [25.4 cm]

Ordering Information

Series	Housing	Capacity and Cabinet Size	Voltage	Options	Number of Heads	Head Style and Lamp Wattage	Head Style and Wattage
06ESL= 6 volts	K= Metal PK= PVC	36= 36 watts (1,4) 72= 72 watts (1,4) 108= 108 watts (1,4) 180= 180 watts (1,4)	Blank= 120/347Vac input -2= 277Vac input -3= 347Vac input -8= 240Vac input -9= 220/50hz Vac input	A= ammeter D= time delay(programmable) L= line cord (120V only) LW= cab-tire+twist lock plug NEX= Nexus system interface (6 & 12 volt only) P= light activated test switch T= lamp disconnect TB= DC terminal block U= auto diagnostic V= voltmeter X= remote test receiver* H= heater&thermostat** TXC= remote test transmitter	/0= no heads /1= one head /2= two heads	Blank= large tungsten, 6V, 12V, 24V - 9 watts, wedge base -18= large tungsten, 12V, 24V - 18 watts, wedge base -25= large halogen, 6V, 12V - 24 watts, DCB Q8= large halogen, 6V, 12V - 8 watts, quartz bi-pin Q12= large halogen, 6V, 12V - 12 watts, quartz bi-pin Q20= large halogen, 6V, 12V, 24V - 20 watts, quartz bi-pin Q55= large halogen, 12V - 55 watts, quartz bi-pin Q70= large halogen, 24V - 70 watts, quartz bi-pin S= large halogen, 6V, 12V - 9watt, sealed beam S18= large tungsten, 6V, 12V - 18 watts, sealed beam S25= large tungsten, 6V, 12V - 25 watts, sealed beam H= large halogen, 6V, 12V - 8 watts, quartz sealed beam H12= large halogen, 6V, 12V - 12 watts, quartz sealed beam H20= large halogen, 6V - 20 watts, quartz sealed beam RS= large rubber tungsten, 6V - 9 watts, sealed beam RS18= large rubber tungsten, 6V, 12V - 18 watt, sealed beam RS25= large rubber tungsten, 6V, 12V - 25 watts, sealed beam RH= large rubber halogen, 6V, 12V - 8 watts, quartz sealed beam RH12= large rubber halogen, 6V, 12V - 12 watts, quartz sealed beam RH20= large halogen, 6V - 20 watts, quartz sealed beam	FP= food processing lens 20/347Vac input
12ESL= 12 volts		36= 36 watts (1,4) 72= 72 watts (1,4) 100= 100 watts (1,4) 144= 144 watts (1,4) 216= 216 watts (1,4) 250= 250 watts (1,4) 360= 360 watts (2,4)					
24ESL= 24 volts		144= 144 watts (1,4) 288= 288 watts (1,4) 350= 350 watts (3,5) 432= 432 watts (3,5) 550= 550 watts (3,5) 720= 720 watts (3,5)		* Remote test transmitter needed. **120 or 347V.			