

## DEL Series

Decorative 6, 12 and 24V thermoplastic cube units



### Features

- Impact-resistant steel center cabinet contains the battery and charger
- Frosted, thermoplastic light cubes protect light modules against vandalism while providing visual masking and light diffusion
- Units can be wall or ceiling mounted
- Maintenance-free, sealed lead-calcium battery
- Fully automatic, solid-state charger with low voltage battery disconnect, brownout protection, integral test switch and LED AC-On pilot lights
- Also available as a remote fixture; see the Remote Fixtures section of this catalogue
- CSA C22.2 No. 141 certified
- Nexus® compatible
- **Warranty details at: [www.emergi-lite.ca](http://www.emergi-lite.ca)**

nexus®



Made in Canada

### In the same family



EF26/EF26DS/EF26D Series

### Typical specifications

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

The **Emergi-Lite® DEL Smart Diagnostic** micro-controller board shall supply the rated load for a minimum of 1/2 hour 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  $\pm 1\%$  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, and 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 heads 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 every 6 months 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 a 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 come complete with fully adjustable 12V or 24V/12W or 20W quartz halogen lamps. Each lamp shall be housed in an impact-resistant polycarbonate cube. The cube lens shall be frosted to diffuse light.

The unit shall be **Emergi-Lite®** model: \_\_\_\_\_.

### Wire guards

Ordering code	Description
460.0097-E	Wall or ceiling mount

### Replacement lamps

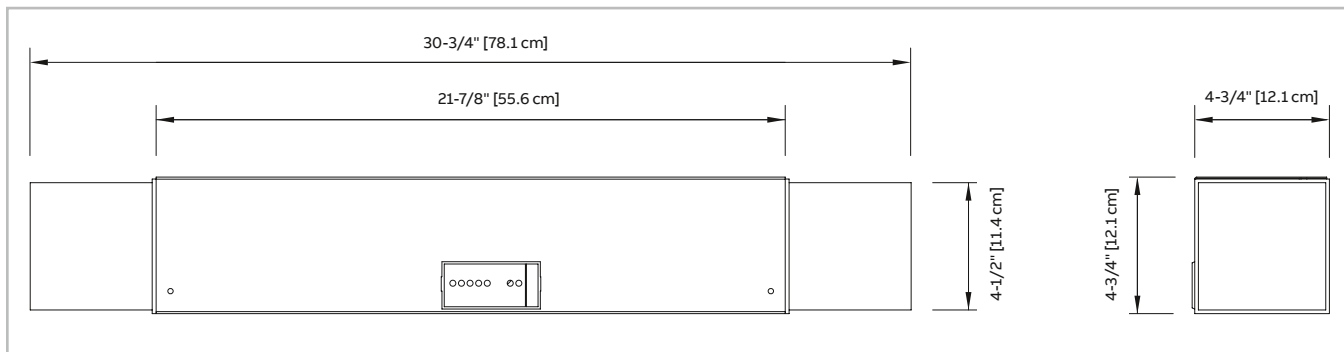
Ordering code	Lamp type	Voltage/wattage
580.0097-E	MR16, LED	6V-4W
580.0122-E	MR16, LED	6V-5W
580.0093-E	MR16, LED	12V-4W
580.0098-E	MR16, LED	24V-4W
580.0100-E	MR16, LED	24V-6W
580.0104-E	MR16, LED	12V-5W
580.0106-E	MR16, LED	120V-4W

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### Dimensions

Dimensions are approximate and subject to change.



### Power consumption and unit rating

Model	AC specs	Wattage capacity				
		30 min	1H00	1H30	2H00	4H00
06DEL36	0.10/0.04 A	36	21	15	12	6
06DEL72	0.22/0.08 A	72	42	30	24	12
12DEL36	0.10/0.04 A	36	21	15	12	6
12DEL72	0.15/0.06 A	72	42	30	24	12
12DEL144	0.41/0.14 A	144	84	60	48	24
24DEL144	0.55/0.20 A	144	84	60	48	24

### Ordering information

Series	Capacity	Voltage	Options	# of lamps	Lamp style/wattage
06DEL= 6V	36= 36W	-2= 277VAC input Blank= 120/347VAC input	CT= cabtire D= time delay L= line cord (120V) <sup>1</sup> LW= cord and twist-lock plug (120V) <sup>1</sup> NEXRF= wireless Nexus® system interface <sup>2</sup> T= lamp disconnect TB= DC terminal block TBAC= AC terminal block TBACDC= AC/DC terminal block <sup>3</sup> TP= tamper-proof screws <sup>4</sup> U= auto-diagnostics <sup>2</sup> UN= auto-diagnostics, non-audible <sup>2</sup>	/2= two lamps	LA= MR16 LED, 6V-4W
	72= 72W				LB= MR16 LED, 6V-5W LG= MR16 LED, 12V-4W LI= MR16 LED, 12V-5W LJ= MR16 LED, 12V-6W LL= MR16 LED, 24V-4W LM= MR16 LED, 24V-6W
12DEL= 12V	36= 36W				
	72= 72W				
	144= 144W				
24DEL= 24V	144= 144W				

<sup>1</sup>120V is standard

<sup>2</sup>Minimum lamp load required: 20% of unit capacity.

Not all options available with the Nexus® system. Please consult your sales representative.

<sup>3</sup>Only available with maximum 6V, 12V-144W.

<sup>4</sup>990.0119-E= tamper-proof bit (sold separately)

Example: 06DEL36U/2

BATTERY UNITS