

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



# LEGEND™ DECOCAB SERIES

Decorative 6, 12 and 24V

## HIGH PERFORMANCE AND ENERGY EFFICIENCY IN A CONTEMPORARY DESIGN.

The **Legend™ DecoCab Series** decorative battery units combine a contemporary design with the latest in high-tech security capability.

Designed to meet the needs of interior design professionals, these battery units are also high performance and energy-efficient.

## FEATURES

- Rugged steel cabinet with corrosion-resistant undercoating
- Removable front panel on cabinet provides easy access and allows unit to be mounted at ceiling height
- Solid-state pulse-type charger – current-limited, temperature-compensated
- Unit comes standard with electronic lockout and brownout circuits
- Sealed dust-proof transfer relay, test switch and LED indicator lights continuously monitor unit status
- Long-life, maintenance-free lead acid battery
- NEXUS® compatible (for more information on NEXUS®, please consult your sales representative)
- CSA C22.2 No. 141-15 certified

## TYPICAL SPECIFICATIONS

Supply and install the **Ready-Lite® Legend™ DecoCab Series** battery units.

The battery unit will supply the rated load for a minimum of \_\_\_\_\_ hour to 87.5% of the rated battery/voltage. The unit shall be rated 120 or 347V, 60 Hz and be CSA No.141-15 listed. The charger shall be fully computer tested and its charge voltage factory set to + or – 1% tolerance. A pulse type charger shall be employed to promote long battery life and reduce the potential for grid corrosion. The charger shall provide continuous high charge to recharge the battery. When the battery is at full capacity the charger will shut off. The pulse charge shall be current limited and precisely regulated by an electronic circuit which samples the battery in relation to its temperature, state of charge and input voltage fluctuations. The charger shall be current limited, temperature compensated, short-circuit proof and reverse polarity protected.

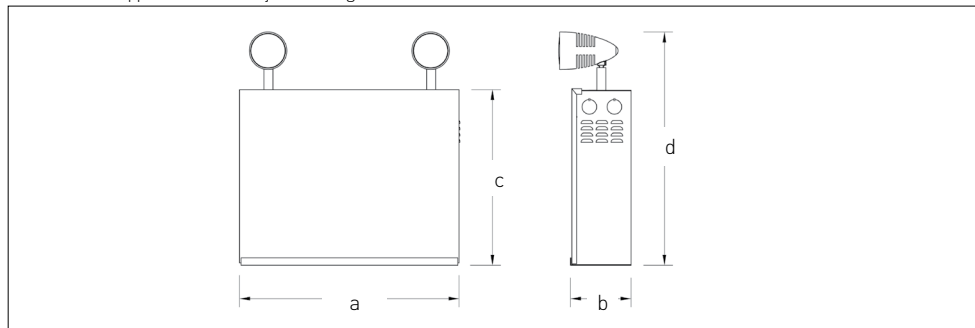
The unit shall be furnished with an electronic lockout circuit, which will connect the battery when the AC circuit is activated, and an electronic brownout circuit, which will activate the emergency lights when utility power dips below 75% of nominal voltage.

A low voltage battery protection circuit will disconnect the battery at end of the discharge. The unit will come complete with the **Legend™ DecoCab Series** diagnostics micro-controller board option. 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 furnished with a sealed dust tight relay, a selectable test switch 1 minute, 5 minutes, 10 minutes or 20 minutes and diagnostics LED indicator lights to continuously monitor the status of the unit: battery failed, battery disconnect, charger failure, lamp failure, service alarm, AC “ON” and charger “ON”.

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

## DIMENSIONS

Dimensions are approximate and subject to change.



| CABINET | DIMENSIONS        |                  |                   |                   |
|---------|-------------------|------------------|-------------------|-------------------|
|         | a                 | b                | c                 | d                 |
| A       | 13-1/4" (33.7 cm) | 3-5/8" (9.2 cm)  | 10-1/2" (26.7 cm) | 14-1/4" (36.2 cm) |
| B       | 16-1/8" (40.9 cm) | 5-1/2" (13.9 cm) | 10-1/4" (26.0 cm) | 13-7/8" (35.2 cm) |
| C       | 23-1/8" (58.7 cm) | 5-1/2" (13.9 cm) | 10-1/4" (26.0 cm) | 13-7/8" (35.2 cm) |

## WIRE GUARDS

|             |            |             |
|-------------|------------|-------------|
| 460.0078-RL | wall mount | "A" cabinet |
| 460.0081-RL | wall mount | "B" cabinet |
| 460.0034-RL | wall mount | "C" cabinet |

## REPLACEMENT LAMPS

| ORDERING CODE | LAMP TYPE     | VOLTAGE/ WATTAGE |
|---------------|---------------|------------------|
| 580.0074-RL   | MR16, halogen | 6V-6W            |
| 580.0079-RL   | MR16, halogen | 6V-10W           |
| 580.0080-RL   | MR16, halogen | 12V-12W          |
| 580.0097-RL   | MR16, LED     | 6V-4W            |
| 580.0093-RL   | MR16, LED     | 12V-4W           |
| 580.0104-RL   | MR16, LED     | 12V-5W           |
| 580.0106-RL   | MR16, LED     | 12V-6W           |
| 580.0098-RL   | MR16, LED     | 24V-4W           |
| 580.0100-RL   | MR16, LED     | 24V-6W           |

For the complete list, please see the lamp chart on pages 166 to 168

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

**new features**



## LEGEND™ DECOCAB SERIES

Decorative, 6, 12 and 24V

### POWER CONSUMPTION AND UNIT RATING

| MODEL    | AC SPECS   |               | WATTAGE CAPACITY |      |      |      |      |
|----------|------------|---------------|------------------|------|------|------|------|
|          |            |               | 30MIN            | 1H00 | 1H30 | 2H00 | 4H00 |
| LDX636   | 120/347VAC | 0.10/0.04 A   | 36               | 21   | 15   | 12   | 6    |
| LDX672   |            | 0.22/0.08 A   | 72               | 42   | 30   | 24   | 12   |
| LDX6108  |            | 0.22/0.08 A   | 108              | 63   | 45   | 36   | 18   |
| LDX6180  |            | 0.22/0.08 A   | 180              | 105  | 75   | 60   | 30   |
| LDX1272  |            | 0.15/0.06 A   | 72               | 42   | 30   | 24   | 12   |
| LDX12100 |            | 0.34/0.12 A   | 100              | 58   | 42   | 33   | 17   |
| LDX12144 |            | 0.40/0.14 A   | 144              | 84   | 60   | 48   | 24   |
| LDX12200 |            | 0.41/0.14 A   | 216              | 120  | 90   | 72   | 36   |
| LDX12250 |            | 0.41/0.14 A   | 250              | 144  | 100  | 83   | 42   |
| LDX12360 |            | 0.43/0.15 A   | 360              | 300  | 210  | 170  | 80   |
| LDX24144 |            | 0.55 / 0.20 A | 144              | 84   | 60   | 48   | 24   |
| LDX24200 |            | 0.67 / 0.23 A | 200              | 117  | 83   | 67   | 33   |
| LDX24288 |            | 0.67 / 0.23 A | 288              | 168  | 120  | 96   | 48   |
| LDX24350 |            | 0.67 / 0.23 A | 350              | 200  | 144  | 120  | 60   |
| LDX24432 |            | 0.67 / 0.23 A | 432              | 250  | 180  | 144  | 72   |
| LDX24550 |            | 0.88 / 0.33 A | 550              | 320  | 230  | 180  | 90   |
| LDX24720 |            | 0.88 / 0.33 A | 700              | 420  | 300  | 240  | 120  |

### ORDERING INFORMATION

| SERIES     | CAPACITY & CABINET SIZE*   | SPECIAL OPTIONS   | # OF HEADS                                    | HEAD STYLE    | LAMP VOLTAGE-WATTAGE  | COLOUR                          | AC VOLTAGE                                    | OPTIONS   |
|------------|--|---|---|---------------|---|---------------------------------|---|---|
| LDX6= 6V   | -36= 36W (A)<br>-72= 72W (A)<br>-108= 108W (A)<br>-180= 180W (B)   | Blank= standard<br>AD= auto-diagnostic, audible*<br>ADN= auto-diagnostic, non-audible*<br>NEX= NEXUS® system interface*<br>NEXRF= wireless NEXUS® system interface* | 1= one head<br>2= two heads<br>3= three heads | RL150= closed | LD1= MR16 LED, 6V-4W<br>LD7= MR16 LED, 12V-4W<br>LD9= MR16 LED, 12V-5W<br>LD10= MR16 LED, 12V-6W<br>LD13= MR16 LED, 24V-4W<br>LD14= MR16 LED, 24V-6W<br>6= MR16 halogen, 6V-6W<br>10= MR16 halogen, 6V-10W<br>12= MR16 halogen, 12V, 24V-12W<br>20= MR16 halogen, 12V, 24V-20W<br>35= MR16 halogen, 12V, 24V-35W<br>50= MR16 halogen, 12V, 24V-50W<br>H20= MR16-IR, 12V-20W high output | Blank= polar white<br>BK= black | Blank= 120/347VAC input<br>U277= 277VAC input | A= ammeter<br>CPS3= constant power supply 3 Amps, 24V only***** n<br>CT= cab-tire<br>D3= time delay (15 mins.)<br>FB6= 6 cct. fuse panel*<br>IT= AC terminal block<br>ITOT= AC/DC terminal block<br>LB= light activated test switch<br>LD= lamp disconnect<br>OT= DC terminal block<br>RFI= radio frequency interference filter, 120VAC n<br>RF3= radio frequency interference filter, 347VAC n<br>TL= twist-lock plug (120V)***<br>V= voltmeter<br>ZCP= zone control panel**** n |
| LDX12= 12V | -72= 72W (A)<br>-100= 100W (A)<br>-144= 144W (A)<br>-200= 200W (B)<br>-250= 250W (B)<br>-360= 360W (B)                     |   |   |               |   |                                 |   |   |
| LDX24= 24V | -144= 144W (A)<br>-200= 200W (B)<br>-288= 288W (B)<br>-350= 350W (C)<br>-432= 432W (C)<br>-550= 550W (C)<br>-720= 720W (C) |   |   |               |   |                                 |   |   |

\*Minimum lamp load required: 20% of unit capacity

\*Cabinet size in not part of nomenclature

\*Not all options available with NEXUS® System. Please consult your sales representative

\*Cabinet size may vary, not available with OT, ITOT  
 \*\*\*120V is standard  
 \*\*\*\*See zone control panel in options section. B & C cabinet only.  
 \*\*\*\*\* "C" Cabinet only. 24V, 144W-720W.

EXAMPLE: LDX6-361RL1506, LDX12-721RL15012, LDX24-1441RL15020