



# 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
- Advanced diagnostics capabilities (specific load requirements)

See warranty details at: [www.tnb.ca/en/brands/ready-lite](http://www.tnb.ca/en/brands/ready-lite)



## 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.

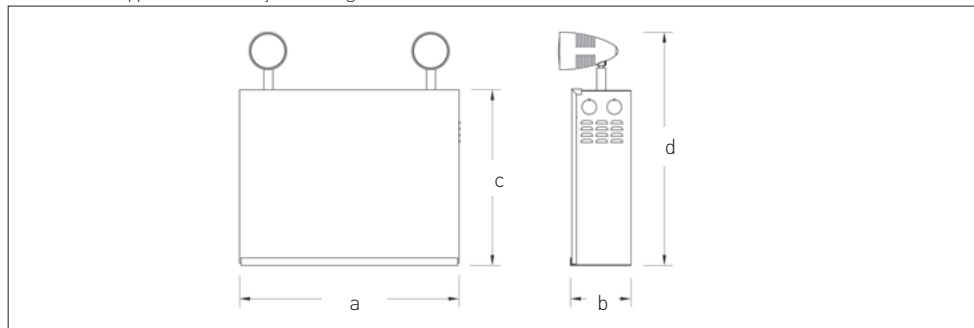
The unit shall be furnished with an electronic lockout circuit, which will connect the battery when the AC circuit is activated, and an electronic brownout circuit, which will activate the emergency lights when utility power dips below 75% of nominal voltage.

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
580.0097-RL	MR16, LED	6V-4W
580.0122-RL	MR16, LED	6V-5W
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

## 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



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## ORDERING INFORMATION

SERIES	CAPACITY & CABINET SIZE <sup>1</sup>	SPECIAL OPTIONS	# OF HEADS	HEAD STYLE	LAMP VOLTAGE-WATTAGE	COLOUR	AC VOLTAGE	OPTIONS
<b>LDX6=</b> 6V	-36= 36W (A) -72= 72W (A) -108= 108W (A) -180= 180W (B)	<b>AD</b> = auto-diagnostic, audible <sup>1</sup> <b>ADN</b> = auto-diagnostic, non-audible <sup>1</sup>	1= one head 2= two heads 3= three heads	150= closed	<b>LD1</b> = MR16 LED, 6V-4W <b>LD2</b> = MR16 LED, 6V-5W <b>LD7</b> = MR16 LED, 12V-4W <b>LD9</b> = MR16 LED, 12V-5W <b>LD10</b> = MR16 LED, 12V-6W <b>LD13</b> = MR16 LED, 24V-4W <b>LD14</b> = MR16 LED, 24V-6W	<b>BK</b> = black <b>Blank</b> = polar white	<b>Blank</b> = 120/347VAC input <b>U277</b> = 277VAC input	<b>A</b> = ammeter <b>CPS3</b> = constant power supply 3 Amps, 24V only <sup>1</sup> <b>CT</b> = cab-tire <b>D3</b> = time delay (15 mins.) <b>IT</b> = AC terminal block <b>IT0T</b> = AC/DC terminal block <b>LB</b> = light activated test switch <b>LD</b> = lamp disconnect <b>OT</b> = DC terminal block <b>RFI</b> = radio frequency interference filter, 120VAC <b>RF3</b> = radio frequency interference filter, 347VAC <b>TL</b> = twist-lock plug (120V) <sup>2</sup> <b>V</b> = voltmeter <b>ZCP</b> = zone control panel <sup>3</sup>
<b>LDX12=</b> 12V	-72= 72W (A) -100= 100W (A) -144= 144W (A) -200= 200W (B) -250= 250W (B) -360= 360W (B)	<b>Blank</b> = standard <b>NEX</b> = NEXUS® system interface <sup>1</sup> <b>NEXP</b> = Nexus®Pro IoT <sup>1</sup> <b>NEXRF</b> = wireless NEXUS® system interface <sup>1</sup>						
<b>LDX24=</b> 24V	-144= 144W (A) -200= 200W (B) -288= 288W (B) -350= 350W (C) -432= 432W (C) -550= 550W (C) -720= 720W (C)							

<sup>1</sup> Minimum lamp load required: 20% of unit capacity

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

<sup>1</sup> Cabinet size in not part of nomenclature

<sup>1</sup> "C" Cabinet only. 24V, 144W-720W.

<sup>2</sup> 120V is standard

<sup>3</sup> See zone control panel in battery unit section. B & C cabinet only.

EXAMPLE: LDX12-722150LD9