



READY-LITE
EMERGENCY LIGHTING

12V LDX Series 200, 220, 250 and 360 Watts



Unit equipment certified to CSA standard C22.2 - No. 141 and recognized by section 46 part 1 of the Canadian Electrical Code.



**12 VOLT
SEALED
BATTERY
UNITS**

Application

Ideal emergency lighting battery units for commercial, institutional and light industrial applications where larger capacity and longer remote fixture runs are required.

Standard Features

- Sealed long life batteries • Voltage sensitive demand charger • Sealed dust-tight transfer relays • Brownout protection circuit • Low voltage battery disconnect • Dual diagnostic LED indicator lights • Test switch • Temperature compensated
- Current regulated • Fuse protected output circuits • Voltage regulated • Solid state.

Battery

Sealed long life lead batteries. Completely maintenance free.

Charger

120/347 volts AC input requirement. Charger is voltage regulated, temperature compensated and current regulated. Charger is capable of recharge in accordance with CSA standard C22.2 No. 141. AC to DC transfer is achieved by a sealed, dust tight relay for automatic and instantaneous energizing of lamp load upon failure of normal AC power supply. Brownout protection circuit will activate transfer to DC power when AC voltage drops to a point where normal lighting may not function. Low voltage battery disconnect circuitry (LVD) senses low battery voltage and automatically disconnects lamp load from the battery to prevent deep discharge and permanent damage to the battery. Battery output circuit is rated at 12 volts DC and is fuse protected. All components are centrally located on a printed circuit board including momentary test switch, AC power and charge monitor LED indicator lights. AC power supply is by direct wiring method or 4 foot (122 cm.) power cord included.

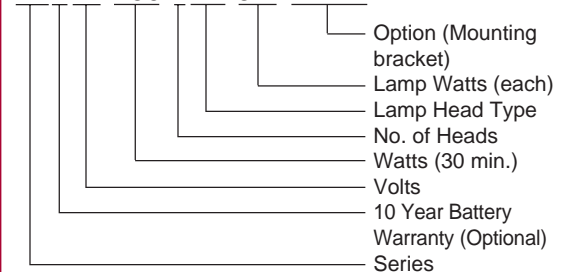
Warranty

READY-LITE emergency lighting unit equipment is fully warranted to be free of defects in material and workmanship for a period of ONE YEAR.

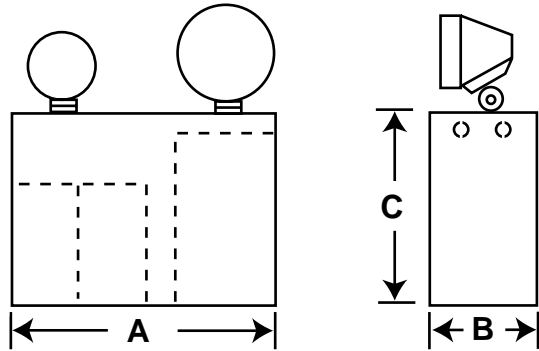
LDX SERIES BATTERIES are fully warranted for ONE YEAR plus an additional NINE YEARS on a PRO-RATA BASIS. All warranties are subject to proper installation, proper maintenance and normal operating conditions.

ORDERING GUIDE

LDX12-250-2RT-9W-WBL2



OUTLINE & DIMENSIONS



A	B	C
16.1" (40.8 cm.)	5.5" (14 cm.)	10.25" (26 cm.)

OPTIONS

Description	Add Suffix	Description	Add Suffix
277 Volt Input	U277	Paint adder	PA
Ammeter	A	Radio controlled receiver	R1
Voltmeter	V	Radio controlled transmitter	R2
Lamp disconnect switch	LD	Time delay relay 5 minutes 10 minutes	D1 D5
6 Circuit distribution panel	D6	Twist lock cap for power cord	TLC
Input terminal blocks	IT	Cable power cord	CT
Output terminal blocks	OT	Advanced diagnostic	AD
Light beam activated test switch	LB		

ACCESSORIES

Description	Add Suffix
Wire guard	AWG
Polycarbonate guard	LXG
Wall mounting bracket	*WBL2

* An approved seismic wall bracket is also available for this series of unit equipment - Order option as WBS2.

Add prefix NEX for Nexus System Interphase.

UNIT RATING AND WEIGHT

Model	Volts	Total load in watts to 87.5% of rated battery voltage				Shipping Weight
		(Minute)				
		30	60	90	120	Lbs.
LDX12-200	12	200	100	67	50	35.75
LDX12-220	12	220	110	73	55	35.75
LDX12-250	12	250	125	84	63	35.75
LDX12-360	12	360	180	120	90	35.75

ELECTRICAL INPUT:

LDX12-200 - 120/347 Volts AC, 60 Hz.,
 LDX12-220 - 120/347 Volts AC, 60 Hz.,
 LDX12-250 - 120/347 Volts AC, 60 Hz.,
 LDX12-360 - 120/347 Volts AC, 60 Hz.,

CSA C22.2 No.141 recommends all battery units be checked and tested once every 30 days.

CABINET

Heavy-duty CEMA 1 enclosure. 20 gauge satin coat steel construction finished in white powder coat paint (other optional colours available). Removable front cover to provide full access to the battery and charger compartment for ease of installation. The unit is designed to be plugged into a 120 volt AC receptacle. 4 foot (122cm.) power cord is included. Unit has 1/2 inch conduit knockouts and provisions for mounting up to three lamp heads on the top of the cabinet.

ILLUMINATION

Standard lamp heads supplied when specified are READY-LITE "RT" miniature series complete with 9 watt TUNGSTEN lamp. Lampshell is constructed of injection moulded corrosion resistant thermoplastic.

Additional lamp types available are:

- RQ 8 watts or 12 watts QUARTZ (mini plastic)
- LT 9 watts, 18 watts or 25 watts TUNGSTEN (large plastic)
- LQ 8 watts, 12 watts or 20 watts QUARTZ (large plastic)
- LS 9 watts, 18 watts or 25 watts SEALED BEAM (large plastic)
- LH 8 watts or 12 watts HALOGEN SEALED BEAM (large plastic)
- LQ 55 watts 12V
- RM 12 watts or 20 watts MR16 lamp