



LX Series

Industrial Application Emergency



PROJECT: _____
 FIXTURE TYPE: _____
 LOCATION: _____
 CONTACT/PHONE: _____



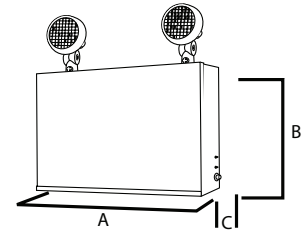
SPECIFICATIONS: INTERNAL

The LX is configured with 120/277V input and a high-efficiency two stage charger providing precise float voltage control with low voltage disconnect protection. All components used in the circuitry are temperature compensated. Charger status is easily determined via a dual diagnostic LED display. Standard features include low voltage disconnect, AC lockout and brownout protection.

SPECIFICATIONS: EXTERNAL

The LX cabinet is constructed with 20 gauge steel for models below 42W and 18 gauge for > 42W. Terminal connectors allow for larger gauge wires to be connected for remote loads. A universal knockout pattern with keyhole slots on the back of the unit optimizes mounting flexibility. Standard conduit knockouts provide the LX with the widest range of options for AC power source connection.

DIMENSIONS



Unit Size	A	B	C
(6V 27-36W) (12V 36W)	10" (254mm)	9" (229mm)	3 1/4" (82mm)
(12V 27W)	12 1/4" (311mm)	5" (127mm)	3" (76mm)
(6V 42W-100W) (12V 60-90W) (24V 100W)	13 1/2" (343mm)	10 1/8" (257mm)	4 1/4" (108mm)
(12V 120-140W)	13" (330mm)	10 1/8" (257mm)	8 1/2" (216mm)

*NOTE: Cabinet size may vary based on product configuration. Dimension D in drawing above will vary based on heads supplied.



ORDERING INFORMATION

Series	Operation	Pb-A (Capacity)	Ni-Cd ³ (Capacity)	Emergency Heads	Lamps	Options
LX	6 (6V)	27 (6V, 12V)	42 (6V, 12V)	1MRB (Single MR16 bullet style)	See Lamp Selection on the next page	ACTB (terminal block AC)
		36 (6V, 12V)	54 (6V)	2MRB (Double, MR16 bullet style)		AM (ammeter)
	12 (12V)	60 (6V, 12V)	90 (6V, 12V)	1LR (Single PAR36)	SD (self-diagnostic)	
		72 (6V, 12V)	100 (24V)	2LR (Double PAR36, std)	BLK (black finish)	
		100 (6V)	130 (12V)	1SR (Single PAR18)	BZ (buzzer)	
		120 (6V, 12V)		2SR (Double PAR18)	CC (custom color- specify)	
		140 (12V)		1MEGASQ (Single, MEGA)	DCTB (terminal black DC)	
				2MEGASQ (Double, MEGA)	FAI ¹ (fire alarm interface)	
				0 (no heads)	IRT ² (infrared testing- specify input voltage)	
					LC (line cord set, 120V only)	
			NC ³ (Ni-Cd)			
			TD ⁴ (time delay - specify 5, 10, 15 min)			
			TP (tamper proof screws)			
			VM (voltmeter)			

NOTE 1: Specify type of fire alarm signal: normally open, normally closed or 6, 12, 24VDC (specify voltage used)
 NOTE 2: HHC (hand held controller for IRT) should be ordered separately
 NOTE 3: For nickel-cadmium battery, select NC from options and capacity from Ni-Cd column
 NOTE 4: Must specify input voltage and delay time (10 min standard)
 ** Aluminum heads not rated for wet location.

EXAMPLE: LX-6-36-2LR9W



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EMERGENCY HEADS

The LX is supplied with two (2) top-mounted heads in incandescent and LED lamp options. LED options include: MR16 lamps in die-cast aluminum MRB heads or thermoplastic SR heads, sealed beam LED lamps in thermoplastic LR PAR36 heads or square die-cast MEGA lamp heads. Lamp heads can be mounted on the top or the sides of the unit. The LR lamp heads are available in standard white finish to match the cabinet. MRB, MEGA and SR lamp heads are available in black and white finish only. LR and MRB heads feature a unique twist-locking collar that securely holds the lens and facilitates quick and easy re-lamping.

SPECIFICATIONS: ELECTRICAL

BATTERY: The LX is designed with a maintenance free, sealed valve regulated lead acid battery that provides a minimum emergency duration of 90 minutes (for the listed rating). Recharge time of the battery is 24 hours. An optional Nickel-Cadmium battery is available. The operating temperature is 50°F to 104°F (10°C to 40°C).

SPECIFICATIONS: MECHANICAL

The LX is supplied standard in a durable white powder coat finish. Black and custom color options are available, please specify. Remote lamp loads are connected to the emergency power supply with sturdy terminal connectors. These connectors allow for a large gauge of wire to be used increasing the flexibility of installation. Compatible with MRB and MEGA remotes. Consult factory for additional options.

SELF-DIAGNOSTIC

The Mule self-diagnostic system (optional) performs one 5 minute discharge test monthly. Every 6 months two 90 minute discharge tests are performed. This tests both full battery capacity and recharge capability, as required by the fire code. The information is communicated simply and intuitively to maintenance personnel via a single multi-color LED. The Mule self-diagnostic system also includes 0, 5, 10 or 20 minute time delay function to allow HID lighting to re-strike. IRT one button press tests unit for 90 minutes per code.

WARRANTY

The LX comes with a 3-year factory warranty. Lamps are not covered under warranty. Deliberate damage, misuse, improper installation effectively cancel the warranty.

LAMP SELECTION

	6V	12V	24V
Incandescent ¹	7.2, 9W	9, 12, 18W	9, 18W
Quartz Halogen (H) ²	12W	12, 20W	n/a
MR16 LED (MRB) ³	5, 7W	2, 5, 7W	5, 7W
MEGASQ ⁴	n/a	5, 9, 14, 30W	5, 9, 14, 30W
Sealed Beam LED ⁵	n/a	6W	6W

NOTE 1: Available in LR lamp heads (ex: 2LR9W) and SR lamp heads (ex: 2SR18W)

NOTE 2: Available in LR lamp heads (ex: 2LR12Q) and SR lamp heads (2SR20Q)

NOTE 3: Available in SR lamp heads (ex: 2SR7WLED) and MRB lamp heads (ex: 2BTMR2WLED)

NOTE 4: Nomenclature example: 2MEGASQ9W

NOTE 5: Available in LR lamp heads (ex: 2LR6WLEDSB)

MODEL RATING GUIDE PB-A (CAPACITY)

Model	Input Voltage	Wattage Rating 90 Minutes
LX-6-27	6	27
LX-6-36	6	36
LX-6-60	6	60
LX-6-72	6	72
LX-6-100	6	100
LX-6-120	6	120
LX-12-27	12	27
LX-12-36	12	36
LX-12-60	12	60
LX-12-72	12	72
LX-12-120	12	120
LX-12-140	12	140

MODEL RATING GUIDE NI-CD (CAPACITY)

Model	Input Voltage	Wattage Rating 90 Minutes
LX-6-42	6	42
LX-6-54	6	54
LX-6-90	6	90
LX-12-42	12	42
LX-12-90	12	90
LX-12-130	12	130
LX-24-100	24	100