



**MECHANICAL SPECIFICATIONS**

The LDT is constructed from a solid and durable 16 gauge steel housing. The integrated mounting feet allow for direct and secure mounting to most surfaces. A fully gasketed and hinged front access panel allow for trouble-free installation and maintenance. Remote lamp loads are connected to the emergency power supply with sturdy magnum terminal connectors. These connectors allow for a large gauge of wire to be used increasing the flexibility of installation. The LDT is supplied standard in a durable industrial grey powder coat finish.

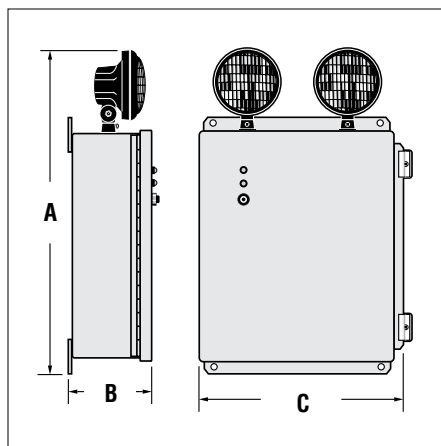
**CHARGER SPECIFICATIONS**

The LDT series utilizes a pulse switching charger that is up to 70% more efficient than traditional constant voltage chargers. The charger is a fully automatic current limited charger with solid state line-latched low voltage disconnect protection. All components used in the circuitry are temperature compensated. The charger also has brownout and short circuit protection. Charger status is easily determined via a dual diagnostic LED display which indicates AC/ON and High Charge. An external push button test switch allows maintenance personnel to quickly determine the operational status of the unit and lamp load.

**LAMP HEAD FEATURES**

The LDT series is normally supplied with two (2) top mounted (LR) Par36 style 9w heads. Optional (SR) Par18 style heads are available. Both lamp head styles are constructed of high impact thermoplastic. Both head types feature a unique twist locking collar that securely holds the lens and facilitates quick and easy re-lamping. Please note: (LR) Par36 style metal heads and food-pre approved lenses are also available when ordering.

**DIMENSIONS (in.)**



Wattage	A"	B"	C"
27W-100W	18"	5.4"	12.7"

**BATTERY TECHNOLOGY**

The LDT series 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 twenty-four (24) hours. The maximum working temperature is 50° C.

**MODEL RATING GUIDE**

Model	Voltage	Wattage				Cabinet
		90min	120min	180min	240min	
LDT-6-27	6	27	18	12	8	A
LDT-6-36	6	36	27	18	12	A
LDT-6-54	6	54	36	27	18	A
LDT-6-72	6	72	54	36	27	A
LDT-6-100	6	100	72	54	36	A
LDT-12-36	12	36	27	18	12	A
LDT-12-54	12	54	36	27	18	A
LDT-12-72	12	72	54	36	27	A
LDT-12-100	12	100	72	54	36	A

**BEGHELLI AUTO-TEST**

The LDT auto-test feature automatically monitors the functional operation of the unit. Auto-test monitors the operation of the lamps, battery and circuitry and displays any alerts. Periodic emergency tests, up to ninety (90) minutes duration are simulated to ensure proper operation during an actual power failure. Operating status is visually indicated by multi-function LED indication.

**WARRANTY**

The LDT Series comes with a 5-year factory warranty. Lamps are not covered under the warranty. Deliberate damage, misuse, improper installation effectively cancel the warranty.