

NEMA 4X EMERGENCY LIGHT

Code: ELCEL-BEDT



The ELCEL-BEDT Light of industrial emergency lighting units are designed to be affordable, durable and dependable. The NEMA 4x rated fiberglass housing can be used in most damp, wet and hose down applications.



FEATURES

- Made to Order. Please Allow 6 Weeks Lead Time.
- UL 924, NEC requirements and NFPA 101
- NEMA 4X rated fiberglass housing
- Automatic low voltage disconnect
- Universal 120/277 VAC input
- Includes two adjustable 9W PAR36 lamp heads
- Brownout and short circuit protection
- Maintenance-free sealed lead calcium battery
- Maximum working temperature at 45°C

WARRANTY INFORMATION

Any component that fails due to manufacturer's defect is guaranteed for 1 year. The warranty only covers products installed and maintained in accordance with the instructions provided by their respective manufacturer and no warranty is made with respect to any of our products that are otherwise installed or maintained. For full warranty details, visit our Warranty Section.

Conformance to Codes and Standards

The ELCEL-BEDT Industrial Emergency is ETL Listed and meets or exceeds the following: UL 924, NEC requirements and NFPA 101.

ORDERING INFORMATION

Series	Housing Color	Voltage	Wattage	Options
ELCEL-BEDT	G (Gray)	6V (6 Volt)	18W (6V Only)	ST (Self-Testing)
		12V (12 Volt)	27W (6V Only)	TD (Time Delay)
		24V (24 Volt)	36W (6V and 12V)	VM (Voltmeter)
			60W (6V and 12V)	AM (Ammeter)
			72W (6V and 12V)	IH (Internal Heater)
			100W (6V Only)	FPL (Floor Prep Lens)
			120W (6V and 12V)	
			200W (6V Only)	
			280W (24V Only)	
			360W (12V and 24V)	

Example: ELCEL-BEDT-G-6V-18W-ST

CONSTRUCTION

The ELCEL-BEDT Heavy Duty Emergency Light is constructed with a durable, fully gasketed NEMA 4x rated fiberglass cabinet. Industrial gray finish is standard.

ELECTRICAL COMPONENTS

The ELCEL-BEDT Emergency Light 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.

EMERGENCY OPERATION

Upon failure of the normal utility power, a solidstate transfer switch automatically provides uninterrupted emergency operation for at least 90 minutes. The battery is protected from deep discharge through the use of a low voltage disconnect circuit. Upon resumption of the normal utility power the battery is disconnected from the load and recharged through a solid-state charging circuit. Emergency lighting unit features a fully automatic pulse charger designed to recharge the battery within 24 hours.

BATTERY - BATTERY BACKUP

The ELCEL-BEDT NEMA Rated emergency light 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 45° C.

SELF-TESTING OPTION

The ELCEL-BEDT Light auto-test feature automatically monitors the functional operation of the unit. Autotest 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 indicator.

INSTALLATION

The ELCEL-BEDT NEMA Rated Light is suitable for surface wall mounting and includes integrated mounting feet to ensure proper, secure and accurate wall or ceiling installation onto most surfaces.

DIMENSIONS



Weight : 15.00 lb

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