



FEATURES

INTENDED USE

Ideal for applications where steel housings or metal lamp heads are a requirement.

CONSTRUCTION

18-gauge steel housing finished in instrument tan color.

Hinged faceplate for easy maintenance.

Two 8-watt (ELT16, ELT24, ELT36) or 12-watt (ELT50) incandescent glass sealed-beam lamps in thermoplastic housings.

Dual-voltage input capability (120 or 277 volts)

BATTERY

Batteries are sealed, maintenance-free, lead-calcium with wattage capacities for 90 minutes of emergency operation. 16-watts (ELT16), 24-watts (ELT24), 36-watts (ELT36) and 50-watts (ELT50).

Low-voltage disconnect prevents excessively deep discharge that can permanently damage the battery.

ELECTRONICS

AC/LVD reset allows battery connection before AC power is applied and prevents battery damage from deep discharge.

Current limiting charger maximizes battery life and minimizes energy consumption.

Thermal protection senses circuitry temperature and adjust charge current to prevent overheating and charger failure.

Thermal compensation adjusts charger output to provide optimum charge voltage relative to ambient temperature.

LISTING

UL listed. Meets UL 924, NFPA 101, NEC and OSHA illumination standards.

WARRANTY

Three-year total customer satisfaction warranty. (For complete details, see warranty sheet in Product Selection Guide).

Catalog Number

Notes

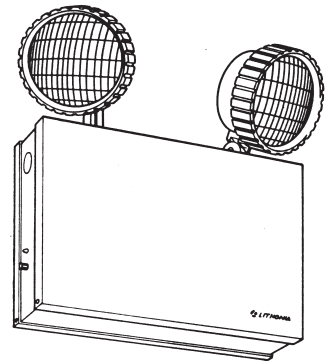
Type

TITAN®

Industrial Steel Emergency Lighting

ELT16, ELT24, ELT36, ELT50

STANDARD LEAD-CALCIUM BATTERY
OPTIONAL NICKEL-CADMIUM



ORDERING INFORMATION

For shortest lead times, configure product using **standard options (shown in bold)**.

Example: ELT36

Family	Input voltage ¹	Housing color	Lamp heads	Lamp type	Options
ELT16 16W/6V ELT24 24W/6V ELT36 36W/6V ELT50 50W/12V	(blank) 120V/277V	(blank) Instrument tan W White	(blank) Two heads RO Less heads MT Metal lamp heads	<u>PAR36 sealed-beam</u> 6 Volts (blank) 8W/6V incandescent N1806 18W/6V incandescent H1206 12W/6V halogen 12 Volts (blank) 12W/12V incandescent N2512 25W/12V incandescent H1212 12W/12V halogen	(blank) None LD Load disconnect switch TD Integral time delay ^{3,5} N Nickel-cadmium battery ² AM Ammeter ^{3,4} VM Voltmeter ^{3,4} H 8W halogen lamps ⁶ NOM NOM Certified

NOTES:

1 Other voltages available. Consult factory.

2 N is not available with ELT36.

3 ELT50 uses larger housing when ordered with these options (see ELT-125-180-275 spec sheet for larger housing dimensions).

4 AM and VM must be ordered together.

5 Available on ELT50 only.

6 H option is a 6W lamp on the ELT24.

Accessories

Order as separate items.

ELA WG2 Small wireguard (16W-50W)

ELA MSTS Mounting shelf

ELT16/ELT24/ELT36/ELT50 Industrial Steel Emergency Lighting

SPECIFICATIONS

ELECTRICAL

Primary Circuit

Type	Volts	AC Input Amps	Watts	Output Volts	Watts Output 1-1/2hr.	2hr.	3hrs.	4hrs.
ELT16	120	.163	16.6	6	16	12	8	6
	277	.069	16.4					
ELT24	120	.167	20	6	24	24	16	12
	277	.072	20					
ELT36	120	.172	17.8	6	36	27	18	13.5
	277	.075	18.0					
ELT50	120	.287	30	12	50	37	25	18
	277	.108	30					

* Watts to 87-1/2% of nominal wattage.

BATTERY

Sealed Lead-Calcium

	Voltage	Shelf Life ¹	Expected Life ¹	Maintenance ²	Optimum temperature ³
ELT16	6				
ELT24	6	6 mos.	5-8 yrs.	none	60°-90°F
ELT36	6				
ELT50	12				

Nickel-Cadmium

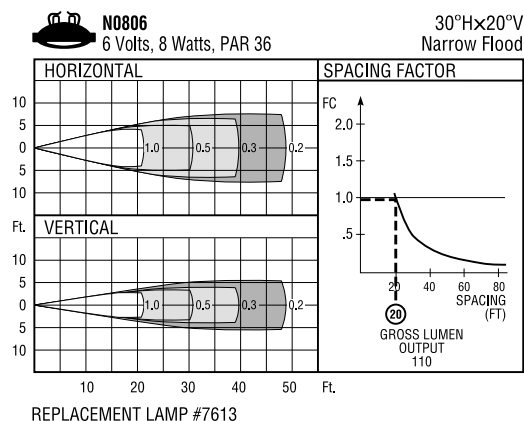
	Voltage	Shelf life ¹	Expected life ¹	Maintenance ²	Optimum temperature ³
ELT16	6				
ELT24	6	3 yrs.	10 yrs.	none	32°-100°F
ELT50	12				

1 At 77°C.

2 Periodic system status test recommended.

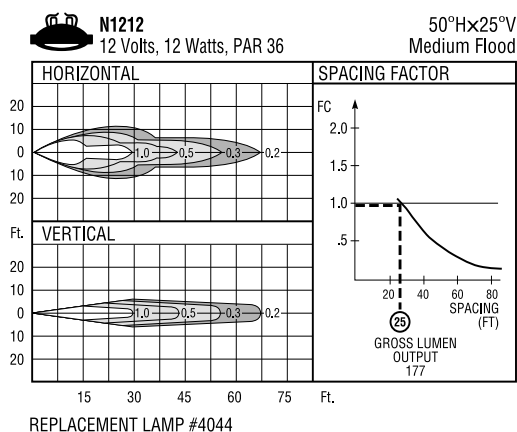
3 Optimum ambient temperature range where unit will provide rated capacity for 90 minutes. Higher and lower temperatures affect life and capacity. Consult factory for more details.

LAMP SPECIFICATIONS



Spacing Factor:
Indicates the proper spacing between lamps to the chosen illuminance level (fc) ± 20%.

Footcandle Curves:
Show distances in feet and isocurves in footcandles.



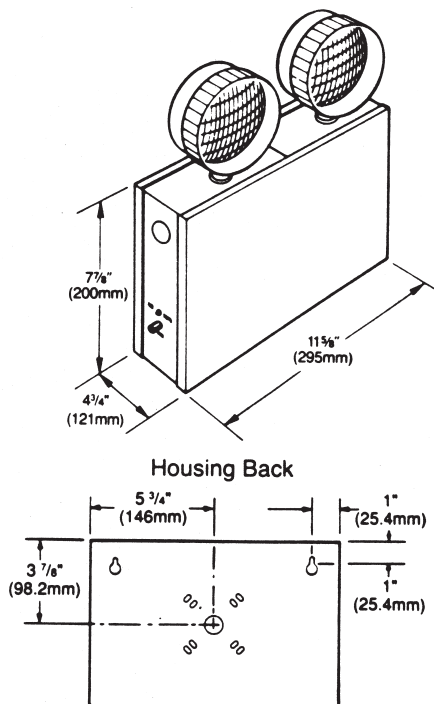
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MOUNTING

All dimensions are inches (millimeters).

Shipping weight: ELT16 - 12.8 lbs. (5.8 kgs.)
ELT24 - 12.8 lbs. (5.8 kgs.)
ELT36 - 17.3 lbs. (7.8 kgs.)
ELT50 - 17.3 lbs. (7.8 kgs.)
ELT50 - (large housing) 30.5 lbs. (13.8 kgs.)*



* For ELT50 (large housing) dimensions, reference spec sheet#: UE205.