

FEATURES & SPECIFICATIONS

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.

OPTICS — Glass sealed-beam PAR36 lamps in thermoplastic housing, available in incandescent and halogen lamp types.

ELECTRICAL — Dual-voltage input capability (120/277V).

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

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

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.

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

LISTINGS — UL listed. Meets UL 924, NFPA 101 (current Life Safety Code), NEC and OSHA illumination standards.

BUY AMERICAN — Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT. Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY — 3-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice.

Catalog Number
Notes
Type

TITAN®

Industrial Steel Emergency Lighting

ELT16, ELT24, ELT36, ELT50



Standard Lead-acid (SLA) Battery
Optional Nickel-Cadmium



ORDERING INFORMATION

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

Example: ELT16 H

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

Accessories: Order as separate catalog number.

ELA WG2	Small wireguard (16-50W) ^{7,8}
ELA MST5	Mounting shelf (standard color instrument tan) ⁹

NOTES:

- When ordering H lamp type with ELT16, ELT24, ELT36 will be 8W6V halogen lamp.
- When ordering H lamp type with ELT50 will be 8W12V halogen lamp.
- ELT50 uses larger housing when ordered with these options (see [ELT-125-180-275](#) spec sheet for larger housing dimensions).
- Available on ELT50 only.
- N is not available with ELT36.
- AM and VM must be ordered together.
- Not available with ELT50 when ordered with TD option.
- See spec sheet [ELA-WG](#).
- See spec sheet [ELA-RTLP-MS](#).

ELT16/ELT24/ELT36/ELT50 Industrial Steel Emergency Lighting

SPECIFICATIONS

ELECTRICAL Primary Circuit								
Type	AC Input			Output Volts	Watts Output ¹			
	Volts	Amps	Watts		1-1/2 hrs.	2 hrs.	3 hrs.	4 hrs.
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					
ELT50	120	.287	30	12	50	37	25	18
	277	.108	30					

BATTERY Sealed Lead-acid (SLA)					
	Voltage	Typical shelf life ¹	Typical life ¹	Maintenance ³	Temperature range ⁴
ELT16	6	12 mos.	4-5 yrs.	none	60°-90°F
ELT24	6				
ELT36	6				
ELT50	12				

BATTERY Nickel-Cadmium					
	Voltage	Typical shelf life ¹	Typical life ¹	Maintenance ³	Temperature range ⁴
ELT16	6	3 yrs.	6-8 yrs.	none	32°-100°F
ELT24	6				
ELT50	12				

NOTES

- Watts to 87.5% of nominal voltage.
- At 77°F (25°C).
- All life safety equipment, including emergency lighting for path of egress must be maintained, serviced, and tested in accordance with all National Fire Protection Association (NFPA) and local codes. Failure to perform the required maintenance, service, or testing could jeopardize the safety of occupants and will void all warranties.
- Temperature range where unit will provide rated capacity for 90 minutes. Higher and lower temperatures affect life and capacity.

MOUNTING

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#: [ELT125-180-275](#)

