



TAMLITE LIGHTING

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SPECIFICATION & FEATURES

Catalog Number
Notes
Job/Title

ESR-1 Series Thermoplastic Emergency Light



DESCRIPTION:

Tamco ESR-1 series thermoplastic emergency lighting unit offers easy installation and premium options.

CONSTRUCTION:

Injection molded, engineering-grade, UV-stable thermoplastic, UL94V-0 flame rating, high-impact and corrosion-resistant.

ILLUMINATION:

Two fully-adjustable, glare free heads with high-performance smooth thermoplastic reflectors and plastic lens for optimal light distribution. Supplied with 6V 5.4W incandescent wedge base lamps.

ELECTRICAL:

Dual voltage 120V/277V has charge rate/power "ON" LED indicator light and push-to-test switch for mandated code compliance testing. LVD (low voltage disconnect) prevents battery from deep discharge. Fully automatic solid-state, two-rate charger initiates battery charging to recharge a discharged battery in 24 hours. Internal solid-state transfer switch automatically connects the internal battery to LED board for minimum 90-minute emergency illumination. 6V 4.5Ah, sealed lead acid, maintenance-free, rechargeable battery.

OPTIONS:

SD: Self-Diagnostic (option SD) continually diagnoses unit's performance and tests system (auto battery discharge once every 30 days and once every 12 months) to ensure reliable operation and to meet electrical and life safety codes.
HO: Dual maintenance-free, 6-volt premium grade, pure lead acid battery. The HO version will operate the sign and two 5.4W heads plus an additional 11W remote load for a minimum of 90 minutes.

CODE COMPLIANCE:

UL listed for damp locations (excluding SD and HO options) & meets UL924, NFPA 101 Life Safety Code compliant, NEC and OSHA compliant.

MOUNTING:

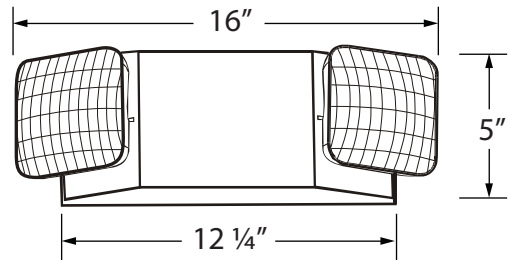
Surface mount via "easy connect" backplate; which fits most standard junction boxes. Snaps into place making internal electrical connections. Conduit mounts using knockouts on the backplate.

WARRANTY:

Guaranteed for five year against mechanical defects in manufacturing. Batteries are pro-rated warranted for 5 years.

*** SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE***

DIMENSIONS DATA



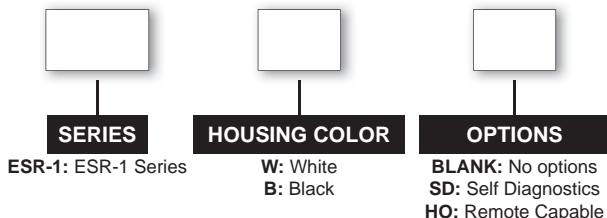
ENGINEERING DATA

	INPUT VOLTAGE	MAX. AMPS	MAX. WATTS
ESR-1	120	0.04	3.4
ESR-1	277	0.02	4.2

ORDERING INFORMATION

ESR-1

Sample Part Code: ESR-1W





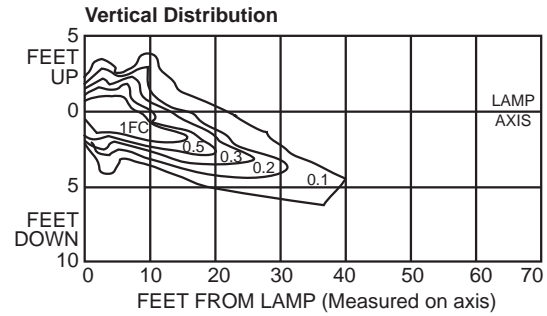
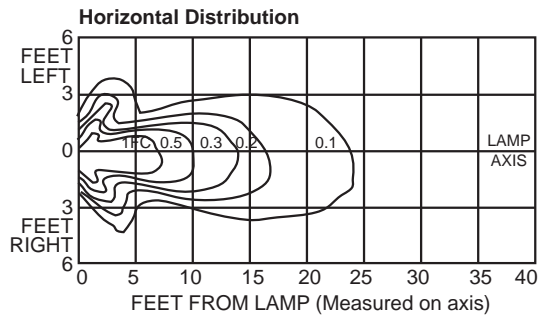
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Thermoplastic Emergency Light

PHOTOMETRIC DATA

6V, 5.4W Tungsten Wedge Base Lamp (ANSI 939), Square Head (Replacement Lamp ESLMP-6V56V)



BATTERY DATA

SLA - Sealed Lead Acid battery are warranted for one full year with additional 4 years pro-rated warranty Recharges in 24 hours or less (Replacement battery BL930007)

Type	Battery Voltage	Shelf Life ¹	Expected Life ¹	Temperature Range ²
SLA - Sealed Lead Acid	6V, 4.5Ah	15 months	5-8 years	40°F-95°F
SLA - Sealed Lead Acid (HO)	Two 6V, 6Ah	15 months	5-8 years	40°F-95°F

¹ At 77°F
² To obtain rated life and capacity.

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