PRINT

TAMLITE LIGHTING

660 NW Peacock Blvd. Port St. Lucie, FL 34986
tel: (772) 878-4944 or on the web at www.tamliteusa.com

TAMCO EMERGENCY & FIRE

SPECIFICATION & FEATURES

Catalog Number
Notes
Job/Title

EXPC Series

Thermoplastic Combo Exit/ Emergency Light

DESCRIPTION:

The EXPC Series Thermoplastic Combo LED Exit/Emergency Signs offer long lamp life, energy efficiency and uniform illumination in an economical package. Contemporary square design glare-free emergency light heads

CONSTRUCTION:

The EXPC is injection molded, UV-stable thermoplastic, UL94V-0 flame rating, impact, scratch, fade and corrosion-resistant. Durable unibody housing. Easy to install snap-fit faceplate and backplate and includes second faceplate for double face applications has 6" letters with 3/4" stroke width the chevron directional indicators can be easily removed or reinserted as necessary comes in red or green letters.

ILLUMINATION:

The exit sing has long life, energy saving LED lamps, red or green LED/letters, red and green signs consume less than 5 watts. The emergency heads includes two 6V, 5.4W lighting heads. The heads rotate a full 270° in all directions for comprehensive lighting coverage.

ELECTRICAL:

Dual 120V/277V voltage Rated for use in damp locations has AC power indicator and 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. Long-life, maintenance-free, 6-volt premium grade, pure lead acid battery (EM model).

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.
DC: Dual Circuit option on the AC-only unit enables it to be connected to two different (primary and secondary, one acting as a backup for the other) supplies at the same time.
CW: Custom Wording, allows customize wording for use in any application.
RC: Dual maintenance-free, 6-volt premium grade, pure lead acid battery. The RC version will operate the sign and two 5.4W heads plus an additional 11W remote load for a minimum of 90 minutes.
HTR: The Internal Heater enables the unit to be used in cold environments (Consult factory for more details).

CODE COMPLIANCE:

UL listed for damp locations (EM unit only) & meets UL924, NFPA 101 Life Safety Code compliant, NEC and OSHA compliant.

MOUNTING:

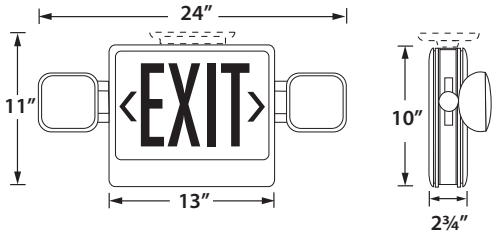
May be top or back mounted. All signs include quick-install snap-fit canopy and mounting hardware for easy top mount installation. Includes backplate with universal mounting pattern knockouts for simple back mounting.

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	STANDBY WATTS*
Red LED	120	0.06	6.5	3.6
Red LED	277	0.03	6.8	3.7
Green LED	120	0.06	7.1	4.2
Green LED	277	0.03	7.4	4.2
Red LED - RC Option	120	0.12	14.3	4.4
Red LED - RC Option	277	0.06	14.7	4.4
Green LED - RC Option	120	0.13	14.7	4.4
Green LED - RC Option	277	0.06	14.9	4.4

***** Fully charged battery.

ORDERING INFORMATION

EXPC

Sample Part Code: EXPC3RWEM

EXPC					
SERIES	**NO. OF FACES**	**LETTER COLOR**	**HOUSING COLOR**	**OPERATION**	**OPTIONS**
EXPC: EXPC Series	**3:** Universal Single and Double Face	**R:** Red **G:** Green	**W:** White **B:** Black	**EM:** Battery Backup **BLANK:** A/C only	**BLANK:** No options **SD:** Self Diagnostics **DS:** Dual Circuit **CW:** Custom Wording **RC:** Remote Capable **HTR:** Internal Heater

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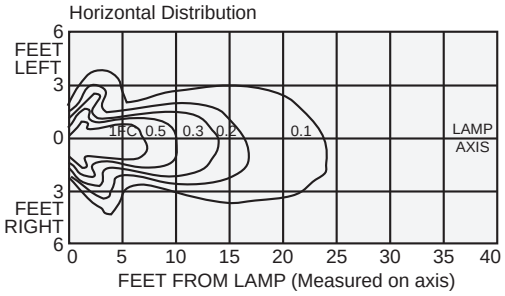
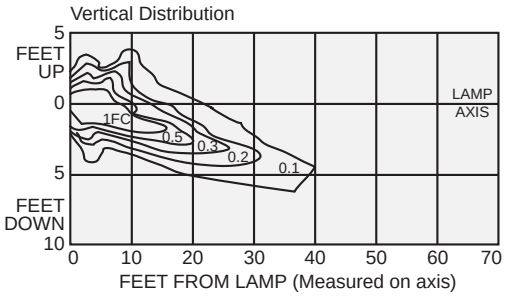
PHOTOMETRIC DATA

6V, 5.4W Tungsten Wedge Base Lamp (ANSI 939), Square Head (Replacement Lamp ESLMP-6V5)





BATTERY DATA

Lead Calcium 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 (RC)	Two 6V, 6Ah	15 months	5-8 years	40°F-95°F

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