



Trionyx



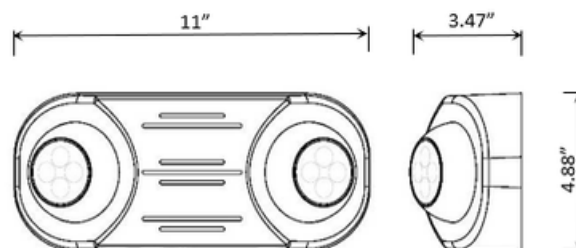
Description

Trionyx is a multi-output emergency light available in low, medium, and high lumen configurations. It offers an optional low-voltage feed for remote emergency fixtures up to 4W. An outdoor-rated enclosure casing is available for exterior installations, ensuring reliable performance in harsh environments.

Wet Location Enclosure



Dimension



Specifications

Model	Input Voltage	Lumen	Charge Time	Discharge Time	Working Temperature
TYX	120-277 VAC	250lm 700lm 1500lm	24Hr	90 Minutes	5°C-50°C
TYXW		220lm 630lm 1450lm			
TYXWC		220lm			-20°C - 50°C

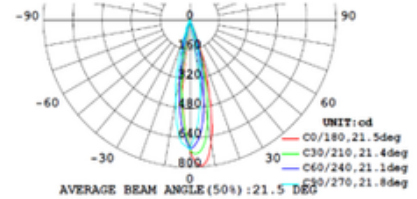
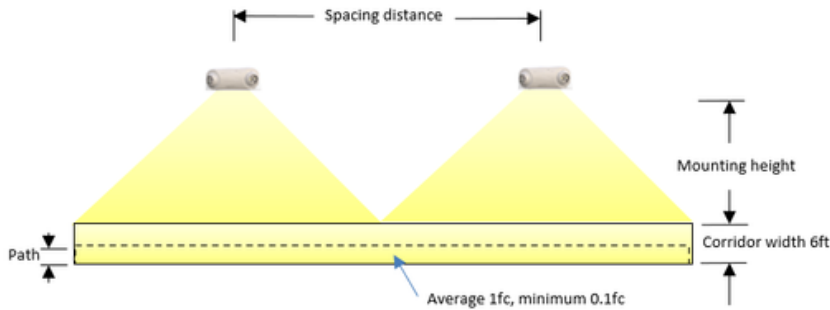


Trionyx

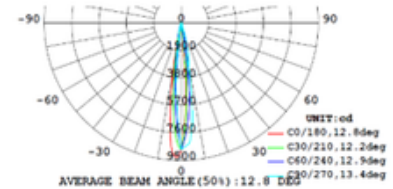


Mounting Spacing Distance

NFPA 101 requires 1.0 foot-candle average and 0.1 foot-candle minimum with a 40: maximum/minimum ratio. The corridor used is 100 feet long, 10 feet ceiling with a 6 feet wide walkway and 6&3 feet path of egress for calculation. The reflectance are 80% ceiling, 50% walls and 20% floors. The fixture mounting height is 7.5 feet /10ft.



For M7-A/B, beam angle 21.5 degree



For M7-HO, beam angle 12.8 degree

Model No.	Spacing distance	7.5ft height	7.5ft height	10ft height	10ft height
		6ft width corridor 3ft width path	6ft width corridor 6ft width path	6ft width corridor 3ft width path	6ft width corridor 6ft width path
TYXL (250lm)		38ft	32ft	32ft	30ft
TYXM (700lm)		75ft	70ft	70ft	60ft
TYXH (1590lm)		125ft	115ft	115ft	100ft

Order Information

Example: EML -M- WC- WH

Family	Lumen Output & Remote Capability	Options	Housing Color
TYX	L: Low Lumen Out put 250lm M: Medium Lumen Out Put 700lm H: High Lumen Out Put 1500lm	Blank: Manual test CT: Self-test/self-diagnostics RC: Remote capability W: Wet location WC: Wet location Cold weather	-WH: white -BK: black



Trionyx

Remote Head Option

TYX-RC has 6V4.5W constant current remote capability, can drive following remote heads options



RM-S *2pcs

single remote head, 3.6V 0.75W.
Delivers 85lm per unit, operation
temperature range 0°C...+50°C.
Suitable for damp location.
UL, cUL listed



WEXH-800L-0.75W*4pcs (constant)

Single remote heads, DC3-12V input,
Constant power 0.75W, delivers 750lm.
Operation temperature range
-25°C...50°C suitable for wet location.
UL, cUL listed.



WEXH-800L-1W*4pcs (constant)

Single remote heads, DC3-12V input,
Constant power 1.0W, delivers 100lm.
Operation temperature range
-25°C...50°C suitable for wet location.
UL, cUL listed



RM-D *1pc

dual remote heads, 3.6V 1.5W
Delivers 170lm per unit. , operation
temperature range 0°C...+50°C.
Suitable for damp location.
UL, cUL listed.



WEXH-810L-1.5W*2pcs (constant)

Dual remote heads, DC3-12V input,
Constant power 1.5W, delivers 150lm.
Operation temperature range
-25°C...+50°C suitable for wet location.
UL, cUL listed



WEXH-810L-2W*2pcs (constant)

Dual remote heads, DC3-12V input,
Constant power 1.5W, delivers 200lm.
Operation temperature range
-25°C...+50°C suitable for wet location.
UL, cUL listed

Product Feature

Housing

- Injection-molded thermoplastic ABS housing.
- Plastic enclosure with 5VA flame retardant.
- Slim and deco shape and easy installation.
- Two fully adjustable round shape light heads for emergency light.

Electrical

- 120-277VAC 50/60Hz universal input.
- Lithium iron phosphate battery.
- 24 hours recharge after 90 minutes discharge.
- Test switch and charge indicator.

Illumination

- Three lumen output available, low lumen output, medium lumen output and high lumen output.
- Color temperature 5000K.

Mounting

- Suitable for wall mount and ceiling mount.
- Suitable for top enter conduit applications.

Options

- CT option with self-testing and self-diagnostics.
- RC option with remote capability.

Remote Capability :

Supports feeding up to 6V, 4W
emergency remote light heads.

Listing

- Suitable for use in 5°C-50°C ambient temperature, suitable for damp location.
- UL and cUL listed and meets or exceed all requirement in NFPA 70, NFPA 101 life safety code, suitable for U.S.A and Canada market.
- All item comply with CEC title 20 requirement.

Outdoor Characteristics:

Trionyx can be ordered in an outdoor-ready version, supplied with a clear protective enclosure casing. A cold-weather option is also available, offering reliable operation in temperatures from -20°C to +50°C. Cold-weather performance is available for the low-lumen output model