



TWLX Series

High-Abuse, Vandal and Ligature-Resistant LED Exit



PROJECT: _____
FIXTURE TYPE: _____
LOCATION: _____
CONTACT/PHONE: _____



PRODUCT DESCRIPTION

The TWLX LED EXIT Series is a high-performance Ligature Resistant exit sign designed to withstand demanding environments, making it ideal for correctional facilities and other public areas where safety and security are paramount.

The TWLX series features a robust cold rolled steel enclosure, a polycarbonate lens, and vandal-resistant hardware, ensuring durability in even the toughest applications. It is available in a wall mount configuration, with red or green LEDs. Additional option for self-test/self-diagnostics (SD). The TWLX series is the perfect solution for providing clear and reliable exit signage in entryways, stairwells, corridors, and other areas within correctional facilities, detention centers, behavioral health centers, public housing, parks, hospitals, or any space requiring a heavy-duty, vandal-resistant EXIT sign.

FEATURES

- Durable, high-abuse, ligature-resistant construction
- Vandal-resistant hardware
- Available in wall mount configurations
- Self-test/self-diagnostics (SD) option available

SPECIFICATIONS

Illumination

Constant, uniform illumination by long-life, high intensity, red or green LEDs

Housing

One piece die-formed cold rolled steel

Input

120/277V Dual primary, 60Hz input

Battery

Maintenance-free NiCad battery

Operating Temp

50°F to 113°F (10°C to 45°C)

Run Time

90 Minute emergency run time, 24 hour recharge time

Legend

Fully-illuminated 6" characters with 3/4" stroke, field selectable directional chevrons included for all configurations, includes red and green diffusers

Mounting

Wall Mount

Finishes

Black or White

Options

Self-Test/Self-Diagnostics (Option: SD)

Certifications

Salt spray test: 1,000 hours; meets or exceeds UL 924 and NFPA 101 Standards, meets or exceeds CSA and NRCAN requirements

Warranty

Any component that fails due to a manufacturing defect is guaranteed for five years with a separate five year prorated warranty on the battery. The warranty does not cover physical damage, abuse or instances of uncontrollable natural forces. See the full Mule warranty document for detailed information. (Terms and Conditions apply)



ORDERING INFORMATION

Model	Power Source	Housing/Door	Gauge Size	Color	Fasteners	Finish
TWLX	LB = AC Only	C = Painted Cold Rolled Steel	14 = 14 Gauge	G = Green Letters	TH = Torx Head w/Center Pin	WH = White Finish
	WB = NiCad Battery			R = Red Letters		BL = Black Finish

Notes

¹ Only available with battery (WB)

² Field installed, order as separate line item

Options

SD¹ = Self-Test/Self-Diagnostics

Accessories² (Field Installed)

TS = Torx Screwdriver

Ordering Example: TWLX-WB-C-14-R-W-TH-WH-SD

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ELECTRICAL RATINGS

Model	NiCad Battery	Brownout	Low Voltage Disconnect	Overload Disconnect	Short Circuit Disconnect	Solid State Transfer	Input			
							VAC	Hz	mA	W
TWLX-LB	N/A	N/A	N/A	N/A	N/A	N/A	120/277	60	100	1
TWLX-WB	1.2V 900mAh	Yes	No	No	N/A	Yes	120/277	60	100	1
TWLX-WB-XX-SD	3.6V 400mAh	Yes	Yes	No	N/A	Yes	120/277	60	50	2.7

CONSTRUCTION

The TWLX Series features a one-piece, die-formed prime 12-18 gauge material, ensuring durability and versatility for traditional wall mounting. It is available in two surface finishes: a painted TGIC polyester applied powder coat through a five-stage pre-treatment process or a brushed stainless steel finish. This treatment, along with 0.125" polycarbonate lens, provides excellent resistance to fingerprints, surface impurities, and wear.

Field-selectable chevron knockouts are concealed and easily removable for added flexibility. Stencil letters are 6 inches high with a 3/4-inch stroke for clear visibility.

ILLUMINATION

Illumination of the TWLX series is achieved with high output, long lasting, red or green LEDs. Includes color-matched diffuser that eliminates hot spots and striations, providing optimal light output.

ELECTRICAL

Input

Dual-voltage input 120 or 277VAC @ 60Hz.

Sealed Nickel Cadmium Battery – NiCad (WB Only)

Mule sealed nickel cadmium batteries are maintenance-free.

Emergency

The TWLX series exit will operate for a minimum of 90 minutes during a loss of power with a 24 hour maximum recharge time for the battery.

Test Button

The test button is located on the side of fixture, use an allenhead wrench or a similar tool for pushing test button.

INSTALLATION

The hardware is tamper-resistant and constructed with rugged steel. The angled design ensures anti-ligature functionality.

CONFORMANCE TO CODES & STANDARDS

The TWLX Series meets or exceeds UL 924 and NFPA 101 Standards, meets or exceeds CSA and NRCAN requirements.

OPTIONS

Self-test/Self-diagnostics (SD)

The bi-color circuit is factory preset; without any field adjustments needed. It continuously monitors the performance condition of the AC power, battery supply, and charging circuitry.

The intent of this option is to provide visual signaling to identify fault at the Exit. Fault indicators are as follow:

●	Steady	Battery Disconnected
●	Flash	Battery Recharge Failure
● ●	Double Blink	Battery Failure
● ● ●	Three Blink	LED Failure

Self-testing/Self-diagnostics also has a manual test function, press test button as follows:

Press Test Button Once	30 Seconds Discharge Test
Press Test Button Twice	30 Minutes Discharge Test
Press Test Button Three Times	90 Minutes Discharge Test



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DIMENSIONS

