



CONTRACTOR:	
PROJECT:	DATE:
PREPARED BY:	MODEL#:

DESCRIPTION



LMX Series

The Tamlite Lighting LMX series Emergency LED Driver offers unparalleled reliability and efficiency for emergency lighting applications. With its sleek, surface-mount design and robust high-impact housing, this LED driver ensures continued operation in critical situations. Its energy-efficient performance and easy installation make it a practical choice for maintaining illumination during power outages.



FEATURES AND SPECIFICATIONS

Construction

Injection-molded 5VA flame retardant thermoplastic featuring high impact resistance (LED illuminated remote-mount test switch included).

Battery

Rechargeable NiCad battery delivered 90 minute minimum emergency operation.

Listings

UL listed to US safety standards. Damp location listed. For use in ambient operating temperatures ranging from 10°C - 55°C.

Warranty

5-year limited warranty.

ELECTRICAL SPECIFICATIONS

Battery Discharge Time: 90 Minutes (1.5 Hours)

LED Indicator: Charge rate/power "ON" and push to test switch

Operation: Normally-on, Normally-off, Switched load

Surge Protection: Per C62.41 (TVS)

Input Overcurrent Protection: Fusible Link

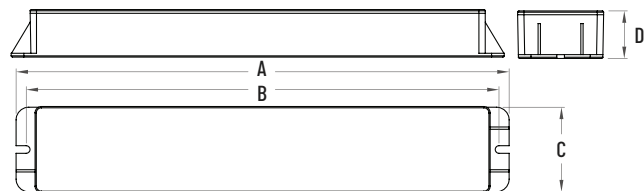
Output Short/Overcurrent: Electronic limiting, with normal operation resuming upon removal of fault

Output Classification: Class 2 Compliant

	LMX1200	LMX2400
OPERATING VOLTAGE	120/277	
FREQUENCY	50/60Hz	
INPUT WATTAGE	4.8w	7.9w
INPUT AMPERAGE	0.065A	0.110A
OUTPUT WATTAGE	7.8w	17w
OUTPUT VOLTAGE	20-50 VDC	
OUTPUT CURRENT	390-156 mA	850-340 mA

LINE DRAWING

DIMENSIONS	A	B	C	D
LMX1200	15.35"	14.72"	2.63"	1.48"
LMX2400	19.19"	18.56"	2.63"	1.48"



APPLICATION AND PERFORMANCE SPECIFICATION IS SUBJECT TO CHANGE WITHOUT NOTIFICATION



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ORDERING INFORMATION

EXAMPLE: LMX1200

SERIES	SIZE
LMX	[1200] : 1200 Lumens (Output: 7.8 Watts) [2400] : 2400 Lumens (Output: 17 Watts)

NOTES

LMX Series System Coordination Guidelines

These guidelines were developed to allow the lighting system Designer/Specifier to predict the operating performance levels of LED luminaires when powered by an electrically compatible LMX Series model. It is ultimately the responsibility of the Designer/Specifier to insure that the as installed system delivers code-compliant path of egress illumination.

1) Determine Electrical Compatibility

- A) Verify that the Luminaire LED Driver, where applicable, is Class 2 compliant.
- B) Verify that the Luminaire LED Lamp(s) have an operating voltage between 20Vdc and 50Vdc.
- C) Verify that the Luminaire LED Lamp(s) have a power rating equal to, or greater than, the emergency power rating of the LMX model under consideration. Please refer to Table 1.

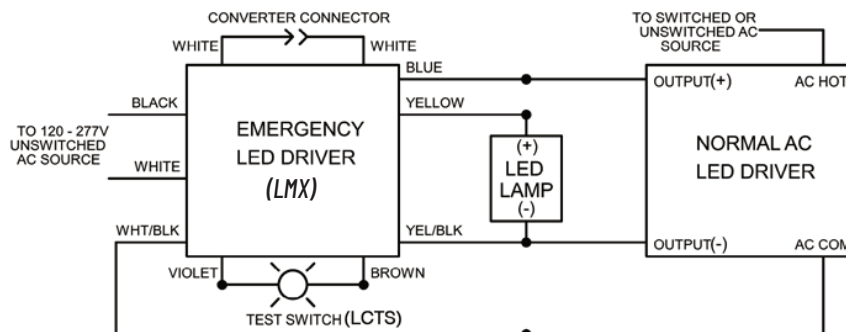
2) Calculate Lumen Output During Emergency Operation

- A) Access luminaire data by logging onto Design Lites Consortium (www.designlights.org).
- B) Select "Search the DLC Qualified Product List" on the DLC homepage.
- C) Enter manufacturer name and P/N of luminaire under consideration in the "search by keyword" text window.
- D) Select "Search" tab to open the "Qualified Products List".
- E) Determine luminaire Lumens per Watt efficacy in "Rated Data" specifications.
- F) Multiply luminaire Lumens per Watt by Emergency Output of the LMX model under consideration. Please refer to Table 1. This figure is the Lumens available from the luminaire during emergency operation.

3) Determine Suitability of Means of Egress Lighting Levels

- A) Using industry standard lighting design software, along with IES files for the luminaire under consideration, verify that the as installed available Lumens (as calculated in 2F above) are sufficient to meet Code-compliant path of egress illumination levels.

WIRING DIAGRAM



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