

LEM-018-026-0700-U | LED Emergency Driver

Overview

Applications

The LEM-018-026-0700-U is a low-profile LED emergency driver designed to provide emergency backup power for LED lighting in indoor or damp location luminaires. It replaces emergency fluorescent ballasts when fixtures are converted from fluorescent to LED light sources.

For standard applications, this system requires three separate parts: to operate: (1) one non-emergency LED driver, (2) one LED emergency driver, and (3) two battery packs (various form factors available).

For emergency-only applications, this system requires two parts: (1) one LED emergency driver, and (2) two battery packs.



Emergency Driver



Standard Features

- Safety compliant: meets UL 924; CAN/CSA-C22.2 No. 141-10 and NFPA requirements for 90 minute egress
- Open circuit / short circuit protection
- Operating temperature: 32°F/0°C to 122°F/50°C
- Test switch / charging indicator light
- Emergency reaction time ≤ 1 sec
- Powder coat steel case
- Field-replaceable battery pack with quick connect: Ni-Cd / 8.4V / C2500mAh (x2)
- Min. Lead length: 6" UL1452 solid/18AWG 1000V/90°C
- Quality construction backed by 5-year warranty
- UL Recognized as: Suitable for Use in Damp Locations



Standard Battery Pack

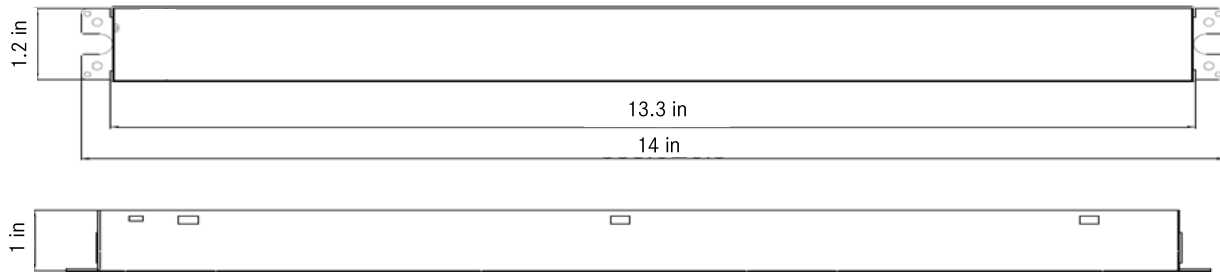
How to Order

Model No.	Input Voltage (VAC)	Output Power (W)	Output Current (mA)	Output Voltage (VDC)	Battery Capacity (Ah)	Battery Voltage (VDC)	Recharge Time (hr)	Battery Pack
LEM-018-026-0700-U	UNIV	18.2	700	18-26	2.5	2 x 8.4	24	Includes: 2 x 8.4V Linear (Default)

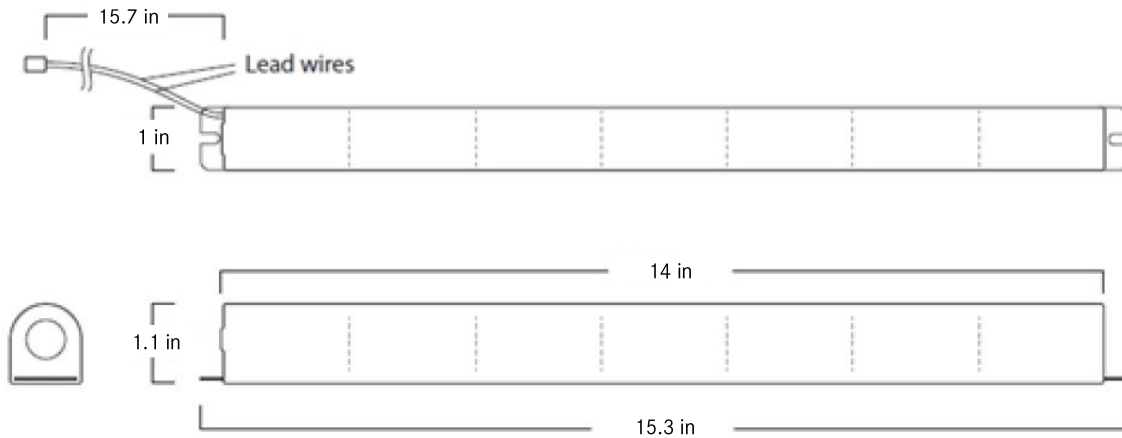
*UNIV = Universal input, auto-ranging between 120-277, 50/60Hz

Dimensions

LEM Driver



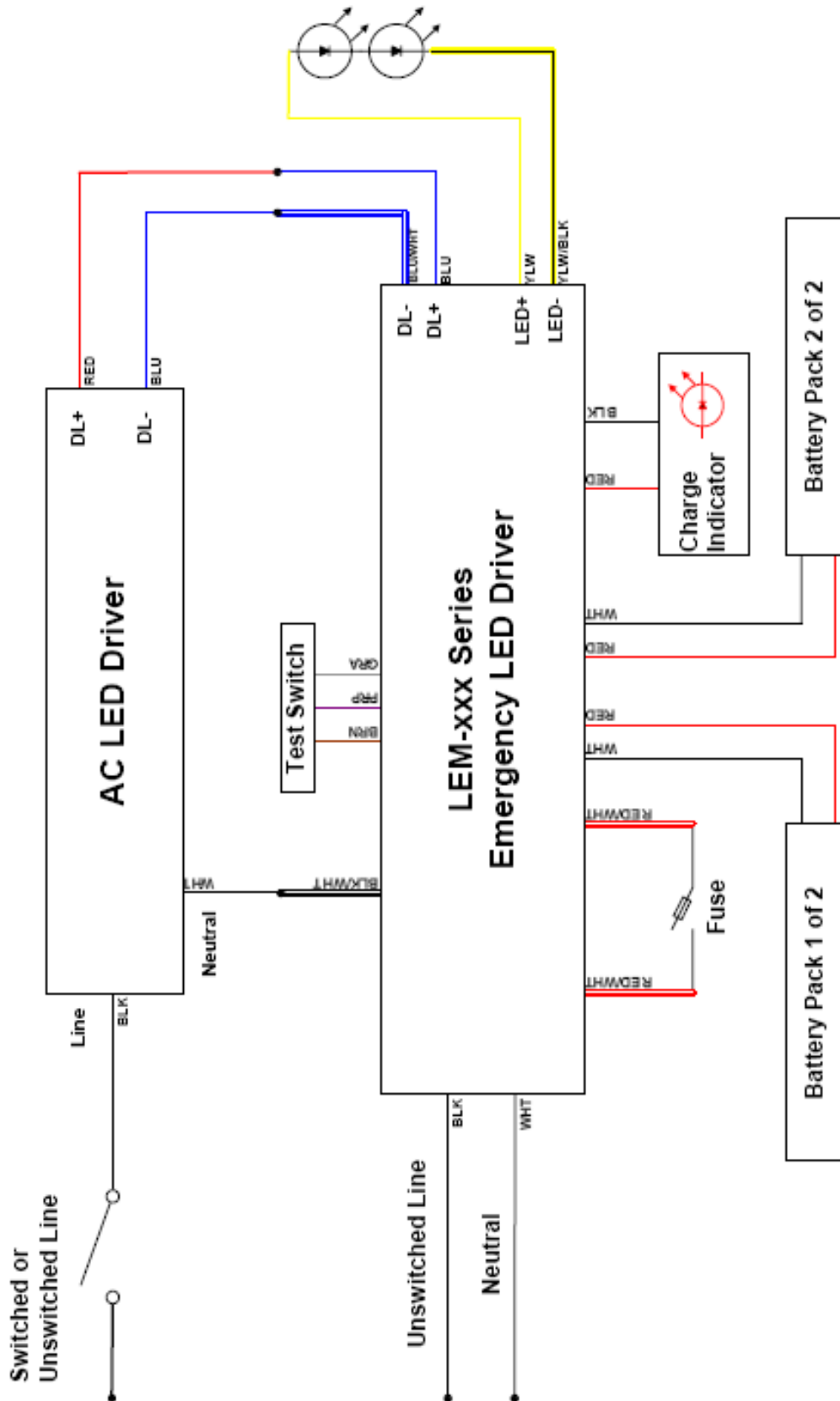
Linear Battery Pack



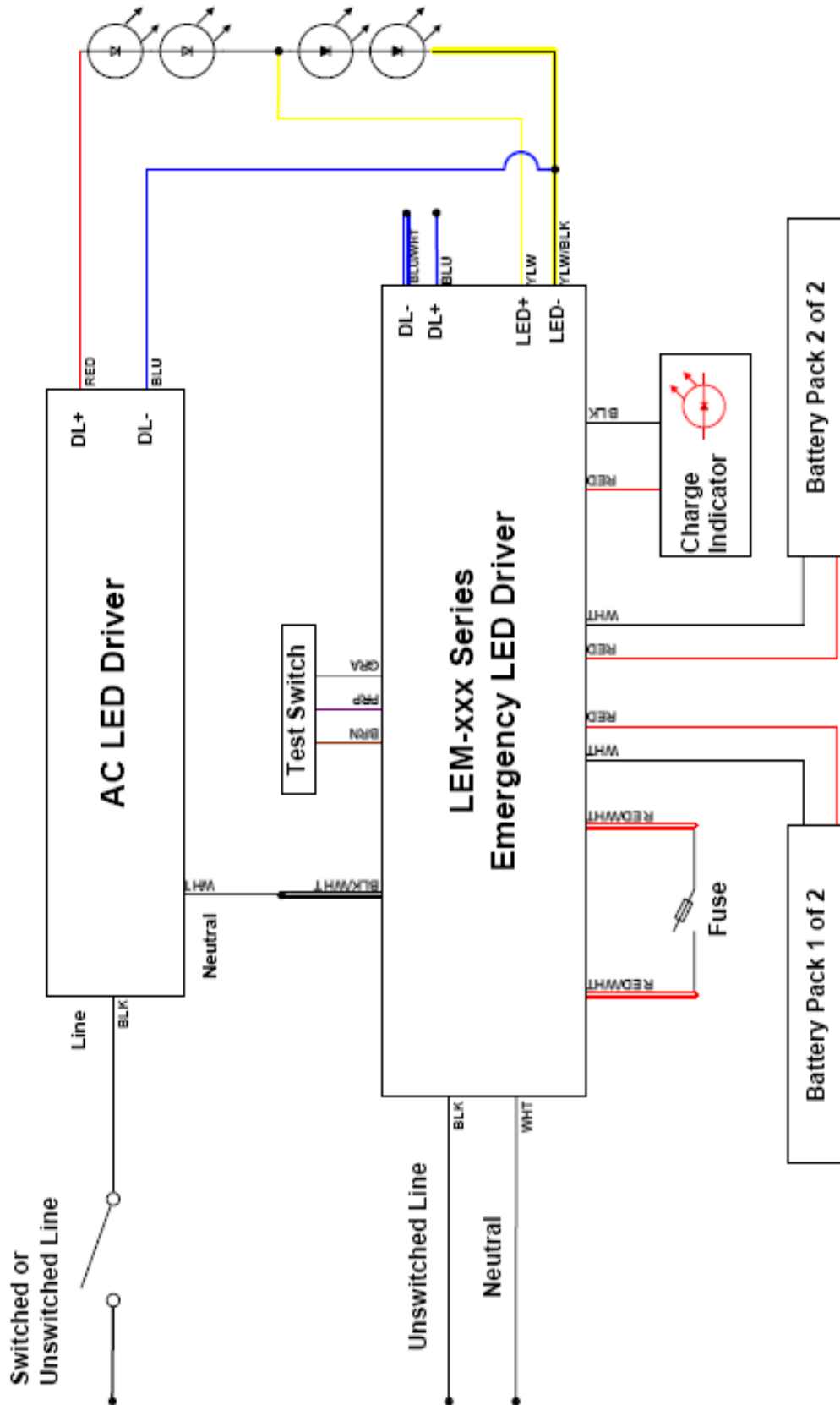
Model No.	Max Overall Length		Width		Height		Mounting Centers		Min Lead Length		Weight (lbs)
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	
LEM-018-026-0700-U	14	356	1.2	31	1	25	13.6	346	10.2	260	1.0
BCP-NiCd-8.4-2.5-L*	15.3	388	1	25	1.1	27	14.8	375	15.7	400	1.2

*The driver and battery packs are a matched set, which are automatically paired together when you order. Other battery pack options are available, but must be special ordered.

Wiring Diagram Configuration #1: Shared Load



Wiring Diagram Configuration #2: Partial Load



Wiring Diagram Configuration #3: Separate Emergency / AC Loads

