

LEM-P12-060-A-U-ML | Adaptive Current LED Emergency Driver

Overview

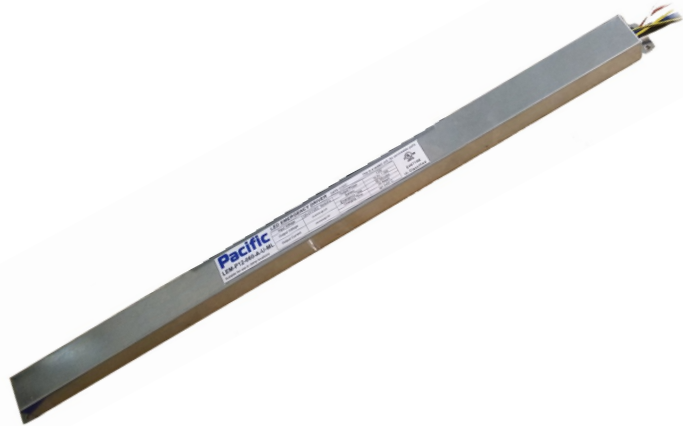
Applications

The LEM-P12-060-A-U-ML is a low-profile LED emergency driver designed to provide emergency backup power for LED lighting in indoor or damp location luminaires.

The adaptive current design detects the output load and determines the optimal output current for the LED string.

The LED Emergency driver and battery pack are combined into a single enclosure. The mechanical enclosure is (24"x 1.2").

For emergency lighting applications, this system requires three parts to operate: (1) non-emergency driver, (2) integrated LED emergency driver, (3) LED load.



Standard Features

- Safety compliant: meets UL 924; CAN/CSA-C22.2 No. 141-15 and NFPA requirements for 90 minute egress
- Open circuit / short circuit protection
- Operating temperature: 32°F/0°C to 122F/55°C
- Test switch / charging indicator light
- Emergency reaction time ≤ 2 sec
- LiFePO₄ 19.2V / C1500mAh battery pack.
- Min. Lead length: 6" UL1452 solid/18AWG 1000V/90°C
- Quality construction backed by 5-year warranty

How to Order

Driver 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-P12-060-A-U-ML	UNIV	12	200-660	18-60V	1.5	19.2	24	Integrated Battery (See below)

Battery Pack Model No.	Nominal Voltage	Watt Hours (Wh)	Required Output Wattage (W)
BCP-LiFePO ₄ -19.2-1.5-L	19.2	28.8	12

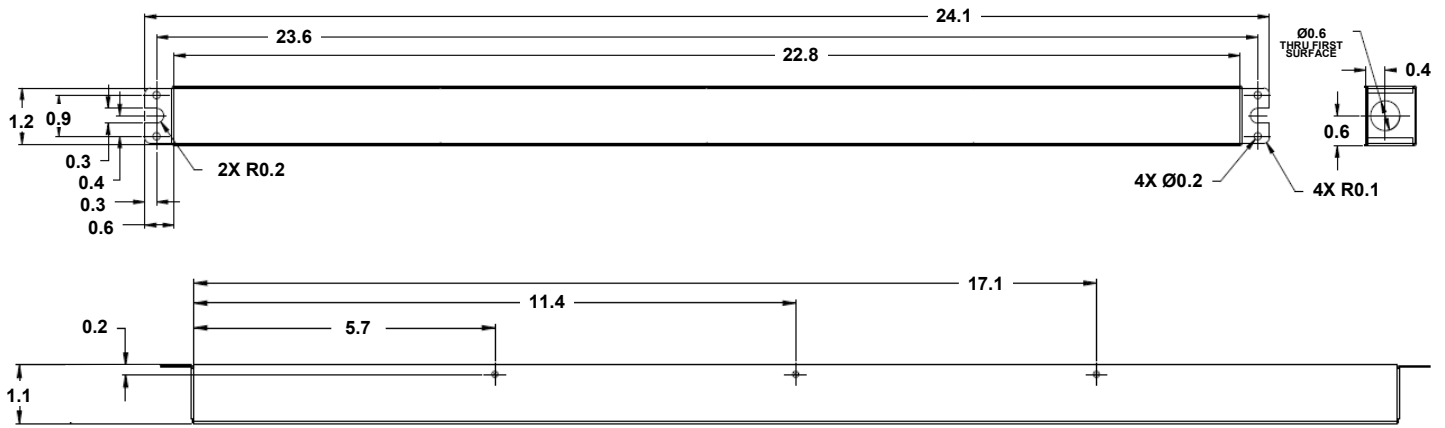
*UNIV = Universal input, auto-ranging between 120-277, 50/60Hz

*Model LEM-PXX-060-A-U-ML is a custom option. XX can be any wattage from 5 to 12.

*Output Voltage=12-60V custom option. Max Wattage =12W. Max current=660mA. Minimum Voltage: Wattage = 660mA x Voltage

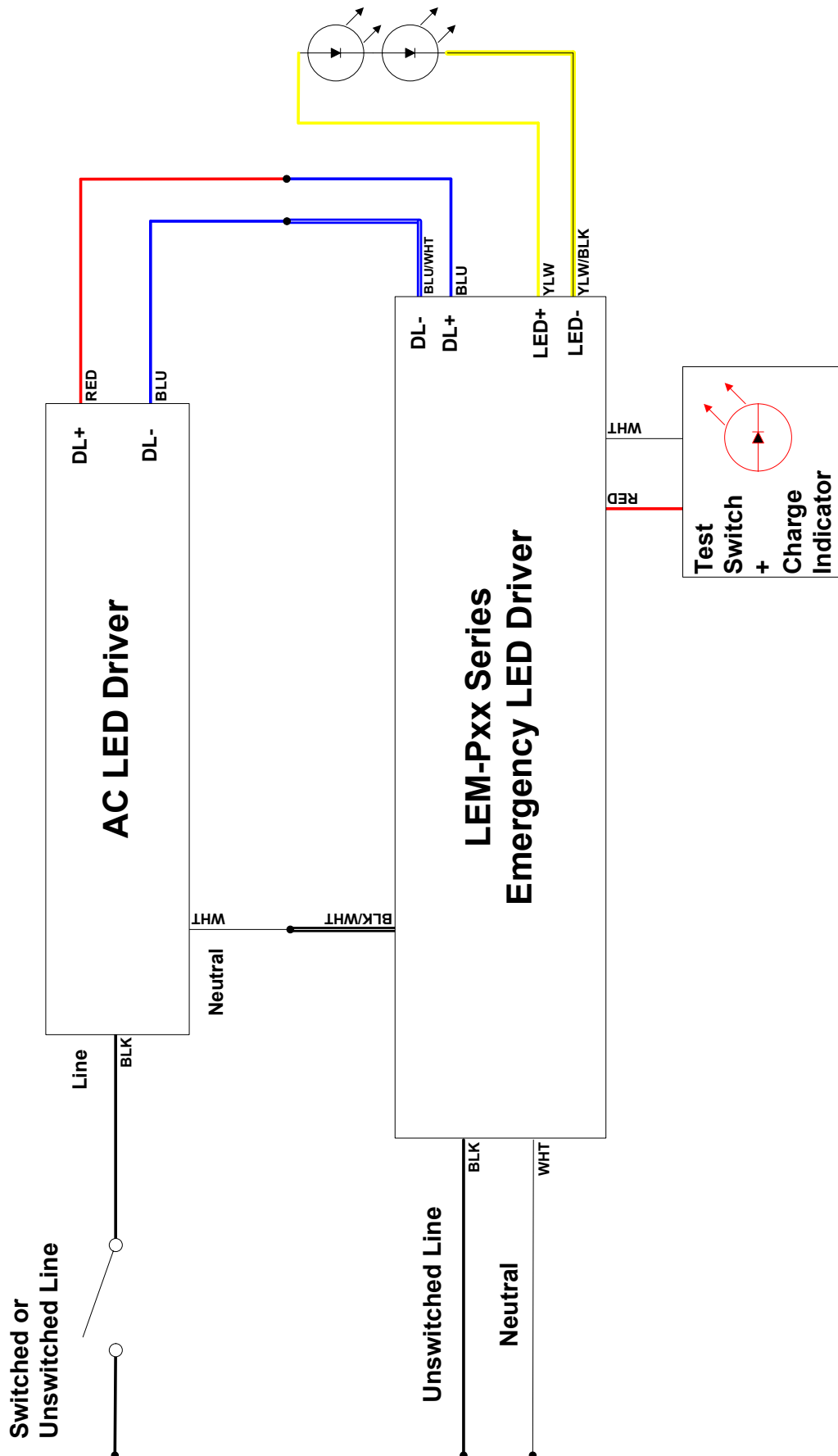
Dimensions

LEM Driver (Linear Case)

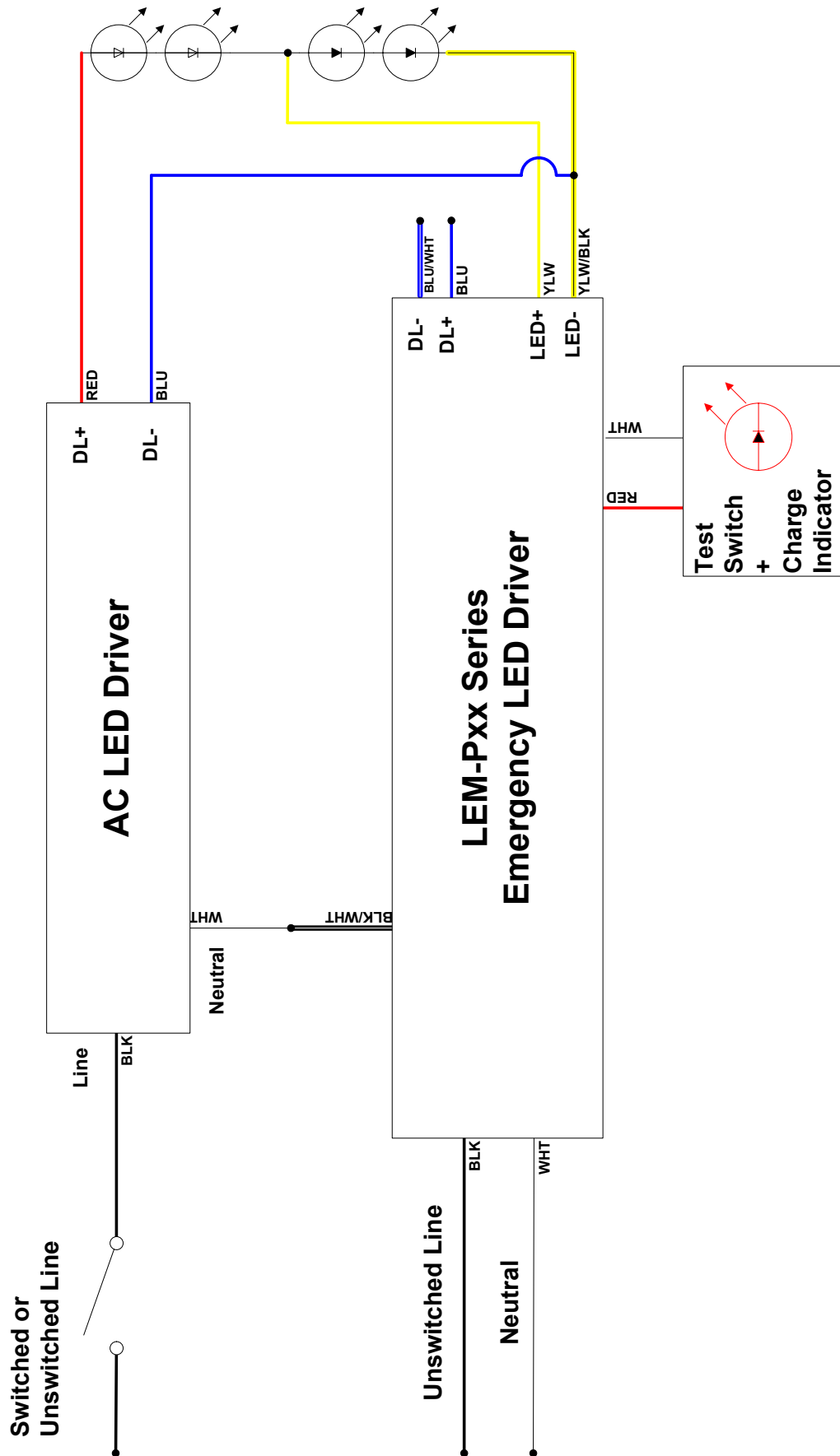


Model No.	Max Overall Length		Width		Height		Mounting Centers		Min Lead Length		Weight
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(lbs)
LEM-P12-060-A-U-ML	24.1	612	1.2	30.5	1.1	28	23.6	599	24	610	1.5

Wiring Diagram Configuration #1: Shared Load



Wiring Diagram Configuration #2: Partial Load



Wiring Diagram Configuration #3: Separate Emergency / AC Loads

