

# ProLED® Linear LED High Bay Gen II Emergency Battery Installation Instructions



**Emergency  
LED Driver  
EM-0825-010/105-P2**

Electrical Data		Markings
Input voltage	120-277VAC 50/60Hz	
Input current	100mA MAX.	
Power factor	0.6	
Recharge power	8W MAX.	
Standby power	<0.5W	
Red Lead	3A,90V	
White/black Lead	100W MAX.	
Output current	100~1050mA	
Output voltage	11~56V	
Output power	16W MAX.	
Output short protection	YES	
Output open protection	YES	
Ambient temperature	-20 ~50	
Ambient temperature2	10°C-50°C LiFePO4	
Tc MAX	70	
Time to light	0.3S from detection of emergency event	
Recharge time required	24- 48Hours (Refer to battery chart)	
Battery type L	iFePO4 9.6VDC	
Battery capacity available 0	.9Ah~6Ah	

## Product Features

- 1050mA output Current max
- SELV for output voltages < 60 V DC
- Programmable constant current
- Open circuit protection
- Short circuit protection
- No PCB
- Sound related A
- UI / cUL R/C, Class 2
- FCC Part 15 Class B
- 5 Years Limited Warranty

## IMPORTANT SAFE PRACTICES

**PLEASE READ CAREFULLY AND FOLLOW ALL INSTRUCTIONS FOR YOUR OWN SAFETY.**

**IMPORTANT:** An un-switched AC power source of 100V AC to 277V AC is required. This device is designed for use in fixtures listed for dry and damp locations.

**CAUTION:** Make sure all electrical connections conform to the National Electrical Code and all applicable local regulations.

**CAUTION:** Do not let power supply cords touch hot surfaces.

**CAUTION:** Do not mount near gas or electric heaters.

**CAUTION:** Battery is rechargeable LiFePO4 type and must be recycled or disposed of properly. Do not use this emergency driver with accessory equipment other than recommended by manufacturer. Failure to follow this may cause unsafe conditions.

Servicing should be performed by qualified service personnel.

Do not use this emergency driver for other than intended use.

Equipment should be mounted in locations and heights where it will not be readily subjected to tampering by unauthorized personnel.

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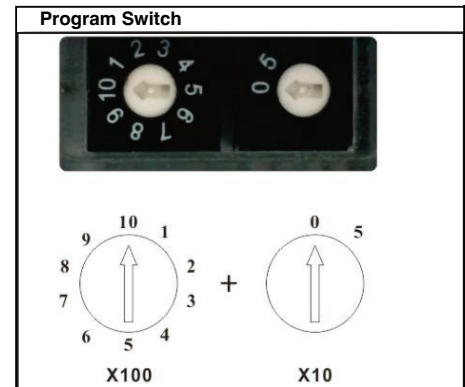
## Emergency LED Driver EM-0825-010/105-P2 Wiring Diagrams

**WIRING DIAGRAMS**

Wire	Length (inches)
WHITE	13.0
BLACK	13.0
WHT/BLK	15.0
Battery connector(Part A)	1.20
Battery connector(Part B)	12.0
Test switch(Part A)	1
Test switch(Part B)	24.0
Black(for LED Driver-)	21.0
Red(for LED Driver+)	21.0
LED OUTPUT	21.0

**MECHANICAL DATA**

Dimension	Length (inches)
H	1.00
W	1.72
L	5.89
M	5.30



**WIRING DIAGRAM (TYP)**

**WIRING DIAGRAM EMERGENCY ONLY**