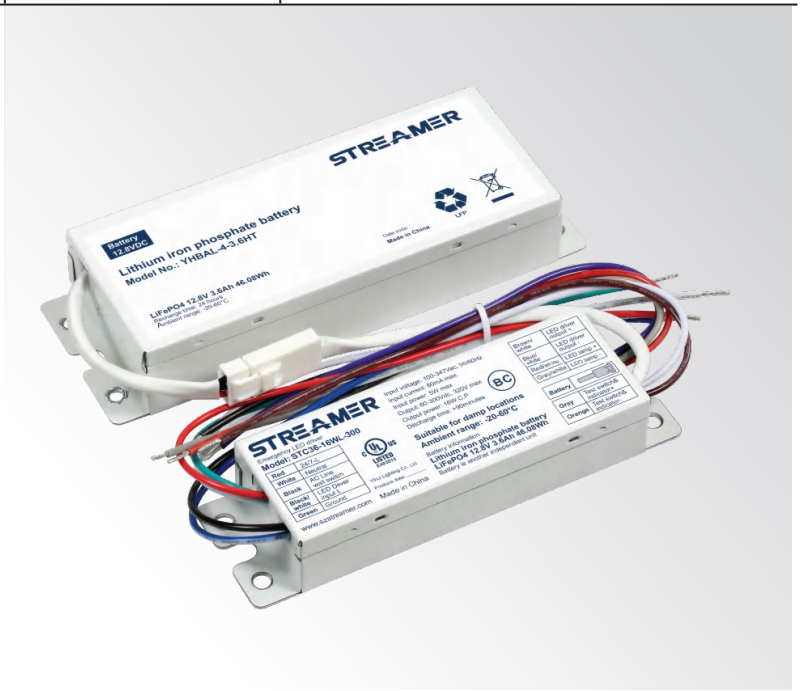
EMC16

Cold Pack Inverter

Spitzer LIGHTING

MODEL NO.	TYPE	PROJECT/DATE



KEY FEATURES

- Compact design suitable for narrow installation spaces.
- External high-capacity, long-life LFP (LiFePO4) battery pack.
- Includes rest mode for extended storage life.
- Over-Charging/discharging protection.
- Operating ambient temperature: -4°F to 140°F (-20°C to +60°C).
- 5-year limit warranty.

TEST BUTTON & LED INDICATOR

- Integrated test button with LED status indicator.
- Press the test button to activate emergency mode; release to return to charging mode.
- Solid red LED indicates normal charging mode

TEST BUTTON & LED INDICATOR

- Rest mode is designed to extend battery shelf life by minimizing leakage current during long-term storage.
- To activate rest mode, press and hold the test button for more than 3 seconds under emergency mode.
- In rest mode, the battery is fully disconnected from the inverter, significantly reducing leakage current and allowing for longer storage
- Optional weatherproof metal test switch

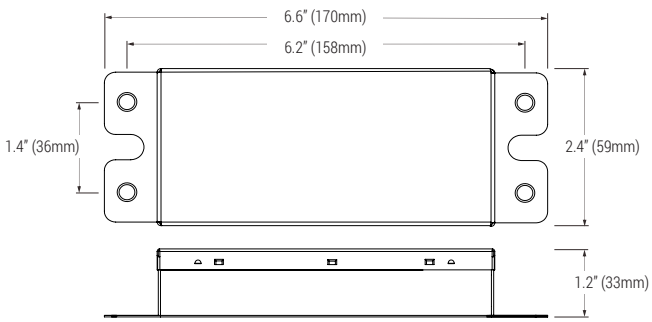
PRODUCT INFORMATION

- UL listed for damp locations.
- DC output drives LED module directly.
- Supports both pre-installed and on-site retrofit scenarios.
- Suitable for both indoor and outdoor luminaires.
- Not intended for use in luminaires installed in hazardous locations.

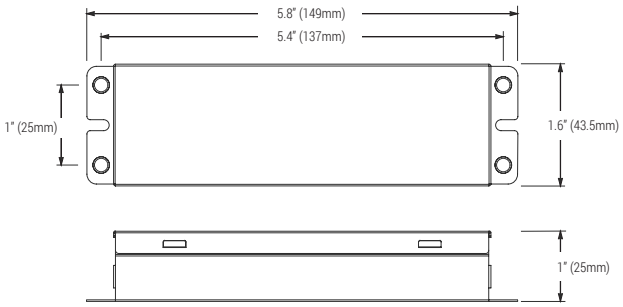
TECHNICAL DATA

Model No.	Rated Input Power	Input Current	Power Factor	Lin to Lout (Normal Driver Input)	Startup Time	Recharge Time	Compatible Luminaire Power	Ambient Range
EMC16	5W max	80mA max	>0.5	AC 3A max	<500ms	≥24hours	16-150W	-4 to +140°F

BATTERY PACK



EMERGENCY DRIVER



EMC16

Cold Pack Inverter

MODEL NO.	TYPE	PROJECT/DATE

WIRING DIAGRAM

