



PowerLED Plus

LED Emergency Battery Packs

Overview

- 1 Compact**
PowerLED Plus case enclosure volumes have been reduced by 19% and 26% to fit into luminaire applications with restricted space.
- 2 Constant Power**
The constant power design provides a minimum 90-minutes of emergency lighting without the loss of lumen output and will continue to provide emergency power at reduced output for an overall minimum of 120-minutes.
- 3 LiFePO4 Battery Chemistry**
The maintenance-free Lithium Iron Phosphate battery is more environmentally friendly and has a life expectancy of 6 to 8 years, exceeding many other battery chemistries.
- 4 Spectron® Self-Test/Self-Diagnostics**
Optional Spectron® models continuously monitor LED status, driver circuit, battery capacity and charger function and provides visible fault detection and charging status for easy maintenance and peace of mind.

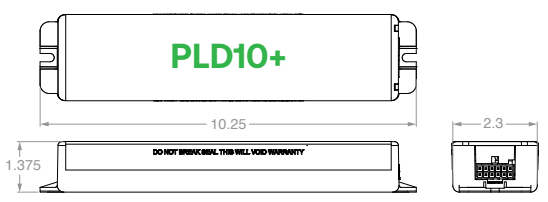
The Spectron Self-Test feature automatically runs a 1-minute test once a month and a 90-minute test once every 6 months to ensure compliance to NFPA 101 Life Safety Code.



Ordering Logic

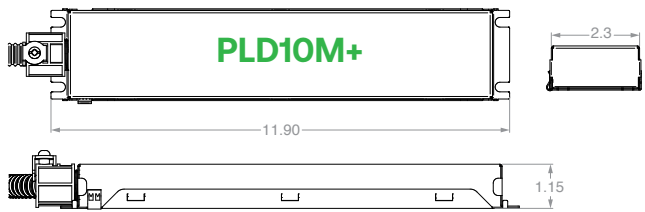
PLD	10		
Model	Output Power	Housing Material	Options
PLD Battery Pack	10 10 Watts	+ Polycarbonate M+ Galvanized Steel w/one (1) conduit	Blank None I Spectron® Self-Test/ Self-Diagnostics

Polycarbonate Case for in-fixture installation



NOMINAL DIMENSIONS: 10.25"L X 2.3"W X 1.375"H

Galvanized Steel Case UL listed for remote installation



NOMINAL DIMENSIONS: 11.9"L X 2.3"W X 1.15"H

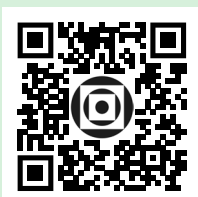
Power Plus Performance

The Dual-Lite **PowerLED Plus** family offers intelligent 2-wire (120/277V) emergency LED battery packs that work with an AC LED driver to allow an LED lighting load to be used in both normal and emergency operation.



PLD10+ Housing Material: Polycarbonate
PLD10M+ Housing Material: Galvanized Steel
Source Compatibility: LED
Output Power: 10W
Output Voltage: Auto-sensing 20-56 VDC
Battery Type: Lithium Iron Phosphate (LiFePO4)
Input Voltage: 120/277 VAC, 50/60 Hz.

Certifications: cULus, UL924, UL1310 (Class 2),
 CEC Title 20 Compliant Battery Charger, NFPA 101, NFPA 70
Environmental Rating: Damp Location
UL Installation: Field or Factory
Operating Temperature: 0° C to 55° C
Options: Spectron® Self-Test/Self-Diagnostics
Accessories: Remote Test Switch/Charge Indicator Module (PLRTS)



Want to learn more?

Scan the QR code to learn more about the PowerLED Plus