L-810 Solar-Powered Obstruction Light

Applications

The L-810 Solar-Powered Obstruction Light provides reliable obstruction lighting for remote locations where running electrical infrastructure would be costly or impractical. The all-in-one solar system combines a high-capacity lithium-ion battery, efficient solar panel, and durable housing into a fully self-contained unit. Available in single or dual light configurations, the system provides dependable dusk-to-dawn or 24/7 operation and up to seven days of autonomy on a full charge.

Features

- 100% solar-powered L-810 LED obstruction light - eliminates the cost and complexity of running electrical power to remote locations
- Includes L-810 omni-directional, red, steady-burning, LED obstruction light
- Available in single or dual obstruction light configurations
- Automatic photocell for "dusk to dawn" operation
- Option for 24/7 "always on" mode
- 50 Ah lithium-ion battery for long life and extended runtime
- 50-watt solar panel ensures operation in sunny or cloudy climates
- 7-day autonomy: runs for 7+ days without sun on a fully charged battery (single light, dusk to dawn)
- Adjustable solar panel angle based on location
- Powder-coated housing for superior environmental protection
- Perfect for fences, posts, buildings, or any other obstructions that are difficult to run power to
- Universal fence mount plate accommodates up to a 3.5" post (U-bolts to fence not included)
- Easy installation: mount plate and post to fence first, then slip on pre-assembled housing and panel
- Optional wall or roof mount hardware available

Shipping Information

- Main enclosure, battery, and light: 48.2 lb.
- Fence mount hardware and post: 10.2 lb.
- Shipping weight: 60 lb.
- Shipping dimensions: 36" x 24" x 20"

Ordering Codes

System	Output Color	Fixture Power	Fixture Style	Fixture Mounting	Options
FL-S810L[1]	**NVR**: Red + Infrared (IR)[2] **R:** Red	**DC:** 12-48 VDC	**S:** Single **D:** Double	**34B:** 3/4" Hub - Bottom	**100C:** 100 Candelas Fixture **H:** High Temperature Fixture[3] **MT:** Marine Treated Fixture **RM:** System Roof Mount Hardware **WM:** System Wall Mount Hardware

[1] System includes FL-810L fixture, solar panel, housing, battery, charge controller, photocell and universal fence post mount. [2] Only fixtures with NVR output color (Red + IR) are FAA approved. All other output colors and system components are not FAA approved. [3] For locations with high temperatures above +131°F (+55°C). Not FAA approved.

+1.800.806.3548 USA
+1.916.394.2800 Worldwide

www.flightlight.com
sales@flightlight.com

Flight Light Inc., 2708 47th Ave.
Sacramento, CA, 95822, USA

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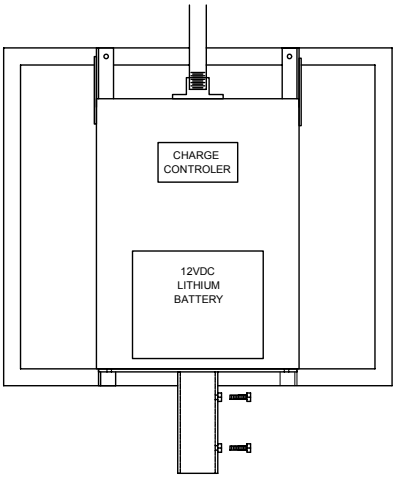
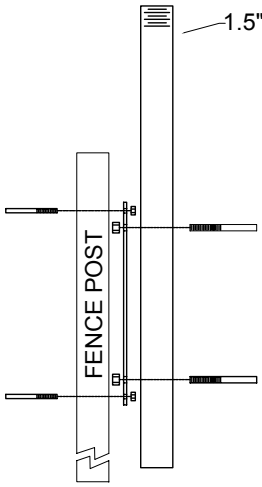
Mounting Configurations



DIRECT POST MOUNT



POST TO
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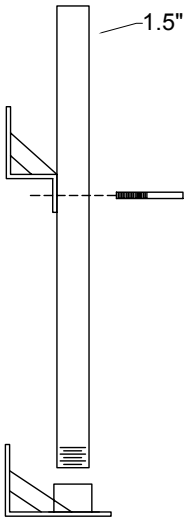
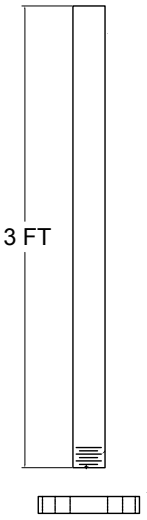


WALL MOUNT



ROOF MOUNT

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