FAA L-810 Obstruction Light with Solar Power System

AV-OL Series Single or Dual Light Fixture

Features

- Cost effective, energy efficient obstruction lighting solution
- Power supplies available in various sizes to suit visual or IR light fixtures
- Angle of the solar module can be adjusted to maximise solar collection
- User-replaceable battery in weatherproof housing
- Single or dual light fixture
- User-adjustable operation mode to toggle between dusk-till-dawn & 24hr operation
- Alarm contact for remote monitoring
- Light sensor for day/night operation
- LED technology reduces
 maintenance time and costs
- Easy to service
- Optional combined visual/IR for pilots using NVG
- Available with optional GSM monitoring
- Optional RS422/485 communications port for monitoring
- Custom built systems are also available

Applications

Obstruction lighting

Compliance

- Certified to FAA AC150/5345-43G for L-810 Steady-burning Red Obstruction Light
- FAA Engineering Brief No. 67D
- FAA Engineering Brief No. 76



This Avlite light fixture is a steady burning, low intensity, solar powered, LED obstruction light designed to comply with FAA L-810 requirements including Engineering Brief 76 - Using solar power for airport obstruction lighting. The model can be used for marking obstacles which pose a threat to aircraft, such as towers, airport perimeter fencing, wind turbines, buildings and other tall structures.

Avlite's LED obstruction lights offer an ultra bright, energy efficient and cost effective solar powered lighting solution. The solar module has an adjustable mount which can be angled to maximise solar collection.

The solar modules charge the battery during daylight hours, and the light automatically begins operation at dusk once the ambient light threshold drops sufficiently.

The complete assembly is available in a variety of solar/ battery configurations to suit a range of installations and ensures years of maintenance-free reliable service.

Please contact Avlite for solar calculations to determine which model will operate effectively in your location.

The obstruction light also has an adjustable operation mode setting to allow the user to easily toggle between dusk-till-dawn and 24 hour operation modes.

The obstruction light is also available with combined visual and infrared (IR) for visibility to pilots using night vision.



Angle of the solar panel can be adjusted to maximise solar collection



Mounting kit ensures the system is easy to install



FAA L-810 single light fixture



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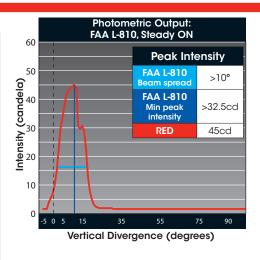




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AV-OL Series Single or Dual Light Fixture





EAA Compliant Light Eixt

HOW TO ORDER

FAA COMPILIAN LIGHT FIXIULE
AV-OL-FL810-12-[Color]-[?]-[?]-[?]
Product No.:
Aodel: 2 = 12-48 VDC
Color: ? = Red ? = Infrared RIR = Combined Red/IR
single or Dual Fixture: blank] = Single light fixture D] = Dual light fixture
Aonitoring & Control: SSM = GSM blank] = No GSM
25 Communications Port: 25 = RS communications port blank] = No RS communications port
HOW TO ORDER
Power Supply for single light fixture
AV-PS-36-[?]-01 Product No.:
Product No.:
roduct No.:
roduct No.: attery Capacity: 6 = 36 Ah olar Output: 0 = 20 watts 0 = 40 watts Mount Type:
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2 4

0

01 = post mount



Intensity ecifications : bject to stan setting subject to solar ndard terms change or variation without

notice

Width (mm/inches)

SPECIFICATIONS**

Depth (mm/inches)

Mass (kg/lbs)

Mounting Battery Enclosure: Material Height (mm/inches) Width (mm/inches) Depth (mm/inches) Mass (kg/lbs) Mounting Product Life Expectancy Certifications CE Quality Assurance

FAA Waterproof

www.avlite.com

Intellectual Property Trademarks Warranty * **Options Available**