CASA Low Intensity Obstruction Light

AV-OL Series Universal AC or Universal DC Light Fixture

Features

- Cost effective, energy efficient obstruction lighting solution
- Available in universal DC: will accept between 12-48VDC
- Available in universal AC: will accept between 110-240VAC
- Alarm contact for remote monitoring
- Light sensor for day/night operation
- LED technology reduces
 maintenance time and costs
- Provision for external hardwire synchronisation
- Optional solar powered configurations available
- Optional onboard GPS receiver for synchronisation
- Optional GSM monitoring (VDC model only)
- Optional general purpose I/O
 with galvanic isolation
- Optional RS422/485 communications port for monitoring

Applications

• Low Intensity Obstruction Light for marking obstacles up to 45 metres in height

Compliance

 Civil Aviation Safety Authority of Australia (CASA) Manual of Standards Part 139 -Aerodromes, Version 1.11 November 2013



This Avlite light fixture is a steady-on, low intensity LED obstruction light designed to comply with CASA LIOL requirements. The model can be used for marking obstacles up to 45 metres above ground.

Avlite's LED obstruction lights offer an ultra bright, energy efficient and cost effective lighting solution. The light fixture is available in two configurations, universal DC (12-48VDC) or universal AC (110-240VAC).

The advanced light optic uses a multiple, high intensity LEDs for efficient operation. The corrosion resistant, polycarbonate lens is specifically designed for use with LEDs to maximize light intensity and uniformity.



Heavy duty, cast aluminium base

The light fixture incorporates internal diagnostic checking and an alarm contact for remote monitoring. The alarm relay is energised in normal operation and is released if there is an LED or power fault.

Optional GSM Monitoring & Control (VDC model only)

The Avlite obstruction light is available with GSM Cell-Phone Monitoring, enabling operators to remotely monitor the status of their installation. The system can also be configured to send out SMS text messages or e-mail alerts to designated operators should alarm conditions be triggered, such as low voltage or light failure.

Optional GPS Synchronisation

Avlite has utilized the latest advancements in GPS technology to develop an internal synchronisation system that can be incorporated into the lights if set to flashing. Using overhead satellites, multiple obstruction lights set to the same flash pattern will flash in unison.

Optional RS422/RS485 Monitoring

The obstruction light is available with RS422/485 monitoring functionality, enabling operators to monitor the status of the unit in real-time. The system tracks critical application specific parameters including alarm status, LED status, operation mode, intensity, flash code and source voltage.



Avlite Systems

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CASA Low Intensity Obstruction Light

AV-OL Series Universal AC or Universal DC Light Fixture

Characteristics of CASA Low

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				[blank] = No monitoring & control

RS = RS communications port [blank] = No RS communications port

Note: Please contact your Avlite representative for optional power supply solutions



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