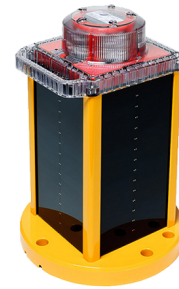


Obstacle Light Carmanah OL800



Easy to install low-intensity solar LED obstacle light

Description

- Sold with complete measurements systems only
- Easy to install low-intensity solar LED obstacle light
- Meets ICAO requirements for Low-Intensity Obstacle Lights Type A and Type B, according to ICAO Annex 14, Volume 1, 5th Edition, July 2009 and 6th Edition, July 2013 (Red).
- Compliant with Obstruction Light Type L-810 as per FAA Advisory Circular AC 150/5345-43G 09/26/12 (Red).

Specifications

Characteristic	Description / Value
Optical	<ul style="list-style-type: none"> • High powered LEDs meet IES LM-80 lumen maintenance consistent photometrics for life of product • FAA: Meets Obstruction Light Type L-810 as per FAA Advisory Circular AC 150/5345-43G 09/26/12 (Red.) • Complies with ICAO Low-Intensity Obstacle Light Type A & B - Annex 14, 5th Edition, July 2009 (Red.) and 6th Edition, July 2013 (Red.) • Meets requirements for CASA 10 cd (Part 139, Vol. 2) • ICAO, SAE25050 (FAA) and FAA EB 67 compliant chromaticity: Red, Green, White and Yellow • Steady-on and 250+ flash patterns
Energy collection	Best in-class high efficiency solar cells with blocking diodes Maximum power point tracking with temperature compensation (MPPT-TC)
Energy storage	EnerSys CYCLON pure-lead VRLA AGM battery -65 ... +80°C manufacturers operating range On-board battery status; optional port for battery charging Designed for 5 year battery life, replaceable and recyclable

Characteristic	Description / Value
Energy Management System (EMS)	Intelligent, microprocessor On-board diagnostics and data logger
Automatic Light Control (ALC)	Adjusts output intensity in response to unusually low amounts of sunlight to ensure continued operation
Programming	Programmable with optional infrared programmer or via integrated 4-character LED display
GPS synchronisation	Optional GPS enables two or more lights to flash in unison
Construction	Premium grade UV-resistant, polycarbonate lens/head Polycarbonat/polysiloxane co-polymer base Environmentally friendly, durable powder coated aluminium chassis Thermoplastic gaskets Waterproof, vented battery compartment
Operating temperature	-30 ... +50°C (optimal); -40 ... +80°C (maximum)
Mounting	3 or 4, 7.87" (200 mm) bolt circle mounting pattern
Wind load	70 m/s
Ice load	22 kg/m ²
Weight	10.2 kg
Manufacturer	Carmanah Technologies

Instructions

Programming & Configuration Options

