



# OL370i

MEDIUM INTENSITY OBSTRUCTION LIGHT

The OL370i is an FAA L-864 or ICAO Type B medium intensity aviation obstruction lighting system. An integrated system, it requires no external system controller. Using red LEDs and optional infrared LEDs, the OL370i is ideal for permanent wind turbine lighting.

Two OL370i lights can be used together on one nacelle to meet FAA AC 70/7460-1L specifications on wind turbines with a rotor tip height between 500' and 700'. Interleaved LEDs and by-pass circuitry provide the light with a longer lifespan.



## STANDARD FEATURES

- 200kA surge suppression
- Minimized ground scatter via patented Fresnel optics
- Aircraft Detection Lighting Systems (ADLS) interface
- Various mounting options
- Patented 360° light collector
- Durable GPS antenna for dependable synchronization
- Field configurable flash characteristics
- Single dry contact alarm shows LED, sync and mode status
- **5-year warranty**

## OPTIONAL FEATURES


- **Infrared Lighting:** NVG and NVIS compatibility using 850nm infrared (IR) LEDs
- **Overvoltage Protection:** additional overvoltage protection device mounted inside the nacelle for lightning protection zone 1 (LPZ 1)
- **Adjustable Mounting Pedestal:** for mounting in variable mounting positions

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## SPECIFICATIONS

Input Voltage	120-240 VAC
Frequency	50-60 Hz
Flash Head Dimensions	15.75" dia. x 7.31" (8.69" top of GPS) 400.0 mm dia. x 180.57 mm (220.72 mm top of GPS)
Flash Head Weight	26.3 lbs (11.93 kg)
Flash Head Aerodynamic Wind Area	99.125 in <sup>2</sup> (63,900.51 mm <sup>2</sup> )
Protection Rating	IP65, NEMA 4X
Certifications	    

## NIGHT (RED) POWER CONSUMPTION

	20 fpm	30 fpm	40 fpm
OL370i FAA*	7W	9W	11W
OL370i ICAO*	9W	11W	13W

\* Wattage with or without IR. Power consumption is 5 watts in stand-by. Flash intensity is 2,000 ± 25% ECD.



All Carmanah products are manufactured in facilities that are certified to ISO quality standards.

**Specifications subject to local environmental conditions. Specifications may be subject to change.**

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