



RELIABILITY IN  
OBSTRUCTION  
LIGHTING



# OBSTRUCTION LIGHTING FOR WINDTURBINES

ICAO, EASA verified, FAA listed

[www.obsta.com](http://www.obsta.com)

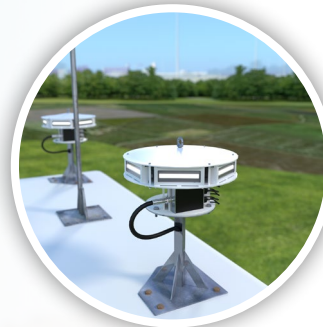
# Obstruction lighting for wind turbines

## AT THE TOP LEVEL

**OFC**  
Compact Medium  
Intensity Red

Or

**OFI**  
Medium Intensity  
Dual color



## AT MID LEVEL

**NAVILITE** Low Intensity type E



One Medium Intensity light on the top of the nacelle

Two Medium Intensity light mounted on the opposite rear sides of the nacelle



3 or more Low Intensity lights type E or FAA L-810(F) spaced around the mast configured to flash in sync with red medium intensity light.



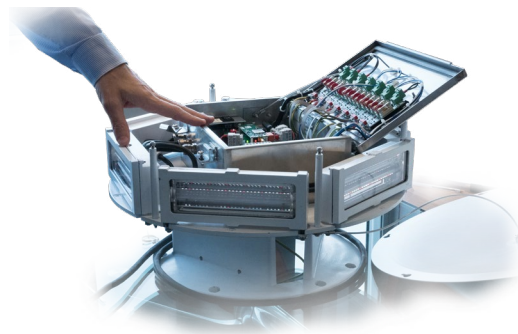
OPTION WITH DAY AND NIGHT OPERATION

## OFI360-RW-240I-G Medium Intensity dual-color

*A "plug and play" beacon light for wind park, ideal for retrofitting old or new installations*



STAC



The OBSTAFASH OFI360-RW-240I-G light is a dual color medium intensity obstruction lights for daytime and nighttime beaoning of wind turbines.

The OBSTAFASH OFI360-RW-240I-G light includes 6 dual color led projectors whose optical performance, developed by OBSTA, minimizes ground scatter light in compliance with FAA regulation. Made of aluminum and glass, these projectors have been designed to withstand all kinds of weather and the test of time. Each projector contains low current white, red and IR circuits FAA approved and ICAO verified. The beacon is equipped with GPS synchroniza-tion for full synchronisation without need to interconnect them, just connect the 230VAC or 48VDC.

In option SNMP capability is available, using an additional controller normally installed in the nacelle it is possible to access the light through our server on the web.

This light is also visible by night vision goggles using infrared technology.

The integrated and modular design of the light facilitates its installation and offers an ideal solution for retrofitting old beacons: Available in 230Vac or 48Vdc, just connect its power supply to activate it: the beacon synchronizes itself with the others without the need for external control

### Easy installation and maintenance

- No wiring necessary for synchronization (flashes + white / red change) with the other beacons (except the power supply 120/230VAC or 48Vdc of course)
- GPS compliant with the 2018 decree
- No losing parts during installation
- 6 aluminum & glass led projectors
- 2 redundant white led circuits and 1 red / infrared led circuit per projector
- Type 2 surge protection included in the beacon
- Modular design, low current in the LEDs
- Day / night test button with easy diagnostic led indicators



"Night Vision compatible"  
FAA regulation 150/5345-43J

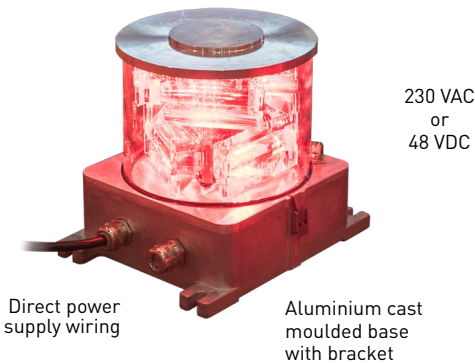


**OPTION WITH NIGHT ONLY OPERATION**

*(in the option the wind turbine may be painted with red stripes for the day marking)*

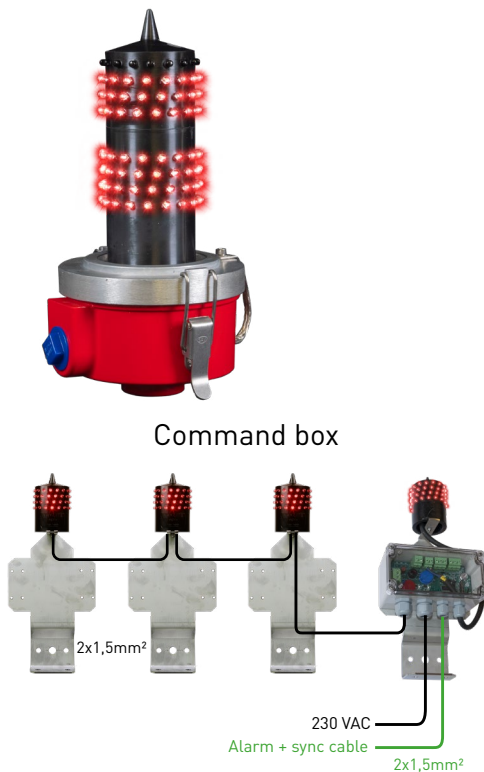
At the top of the nacelle, one or two red Medium intensity type B or type C or FAA L-864

**OFC Red Medium Intensity**  
"plug and play"



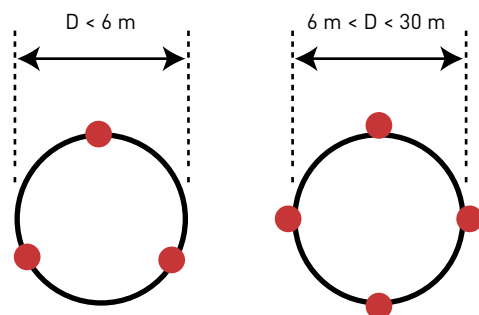
- ICAO verified Type B & C, FAA L-864 listed
- Self-contained, 360° plug and fix
- Projectors made of hard glass (no plastic) 2 LED circuits
- Configurable flash rate (ICAO MI type B) or steady burning (OACI MI type C)
- Alarm in case of light or power failure
- Very low power consumption
- Surge protection included
- GPS interface for synchronisation
- NVG compliant under FAA and Suisse OFAC directive in option
- Dimensions: 20cmx20cmx20cm, weight : 5kg

**NAVILITE Mid Level**



**NAVILITE 48 VDC body with a luminous part**

- ICAO verified Type B or E, L-810 listed
- Bird spike
- Very compact
- Resin molded for IP67
- No corrosion
- LED in redundancy
- Alarm in case of light or power failure
- Surge protection 1 to 4 lampes possible to be connected
- Control up to 4 NAVILITE 48 VDC in fixed or flashing mode (low intensity type E) or L-810 (F)
- Surge protection
- Alarm in case of light or power failure
- On/off and top synchronized with red medium intensity light at night only
- powered in 120-240 VAC through same battery cabinet than medium intensity or directly in AC.
- Top sync from medium intensity

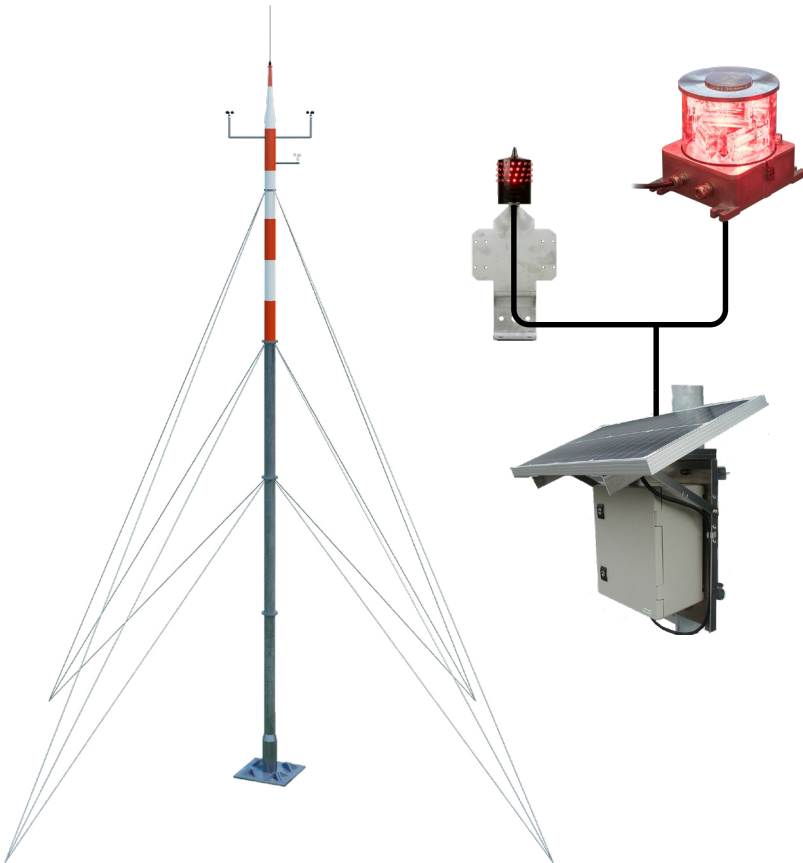


**OPTION WITH ADDITIONAL LIGHTS AT MID LEVEL**

For wind turbines above 150 meters high, additional 3 or 4 low intensity lights type B or E or FAA L-810(F) may be added around the mast at mid level of the mast

## OBSTRUCTION LIGHTS FOR WIND-MAST

*painted with red and white stripes for the day*



1 red medium intensity at the top

1 or 2 low intensity at mid level

1 solar kit  
(size according to latitude/longitude)





RELIABILITY IN  
OBSTRUCTION  
LIGHTING



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