

NEVER ALONE IN THE DARK



TECHNO STROBE™

technostrobe.com

ABOUT US

TECHNOSTROBE

TECHNOSTROBE manufactures Obstruction Lighting Systems for tall towers in North America. All systems are FAA-certified and have a proven track record on utility-sized wind farms totalling more than 4GW.

The strength of our company is based on a highly skilled team of lighting and control professionals with comprehensive experience and strong performance credentials in the wind industry. As a client you benefit from these key components we offer:

- Simplified supply chain
- Burst capacity
- Ease of installation and maintenance
- A single-source solution

ITO NAVAIDS

ITO NAVAIDS, a division of TECHNOSTROBE, manufactures innovative Marine Aids to Navigation that help boats and vessels to steer safely around offshore wind farms. The equipment can handle even the most taxing weather conditions – be it during the construction phase or regular operation of the wind farm. All systems are built and certified according to International Association of Lighthouse Authorities (IALA) standards.



RECENT PROJECTS INCLUDE:

ONSHORE WIND FARMS

Great Western, EDF – USA
Mesji'g Ugju's'n, Innergex – Quebec, Canada
Roncevaux, Invenergy – Quebec, Canada
Pierre-de-Saurel, MRC de Sorel – Quebec, Canada
Copenhagen, EDF – USA
Stoneray, EDF – USA
Armadillo Flats, NextEra – USA
Torrecillas, NextEra – USA
Pegasus, NextEra – USA

OFFSHORE WIND FARMS

Bard1 Offshore Wind – Germany
Egmond aan Zee Windfarm – The Netherlands
London Array – England
Borwin Beta – Germany
Helwin Alpha – Germany
Amrum Bank – Germany
Alpha ventus – Germany

WHAT WE DO

INDUSTRY-LEADING, HIGH-QUALITY SOLUTIONS. DESIGNED FOR ULTIMATE RELIABILITY.

From early design stage to support with regulatory compliance obligations, from final commissioning to ongoing operation, we provide assistance covering all project phases:

- Development
- Engineering and construction
- Production
- After-sales services during operation

Through this comprehensive approach, we ensure the quality of our components and guarantee a high level of reliability and performance. We have proven our technical skills in obstruction lighting by successfully supplying equipment and providing services for both onshore and offshore wind projects.

ONSHORE WIND FARM PRODUCTS

- Obstruction lighting for wind turbines
- Light mitigating (dimming) solutions
- Lighting systems for met towers
- DC power packs

OFFSHORE WIND FARM PRODUCTS

- AIS (automatic identification system) to navigation
- Buoys
- Foghorns
- Identification and docking lights
- Obstruction lighting
- Radar reflectors
- Temporary and permanent marking

INDUSTRY-LEADING SOLUTIONS – IN THE AIR, ON THE GROUND AND ON THE WATER

Wind farms require both permanent and temporary lighting solutions. Our high-quality equipment ensures that a wind farm complies with all aeronautical and marine regulations during the initial construction phase and throughout the operation phase. TECHNOSTROBE designs and manufactures cost-effective aviation and navigation systems for optimal reliability and durability – regardless of weather or climate conditions.



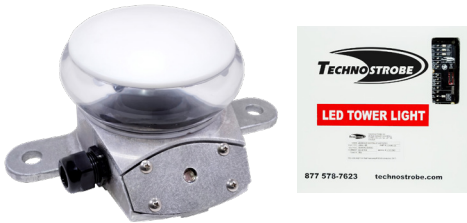
FLEXIBILITY

For our LED-RED-STANDARD Beacon, the power supply and controller enclosure is conveniently separate from the light, and can be located to maximize accessibility for inspection, service and maintenance.

PRODUCTS FOR WIND FARM

PRODUCTS

LED RED BEACON (LED-RED-STANDARD-G3)



LED RED BEACON - Self-enclosed (LED-RED-STANDARD-SEC-G3)



LED SIDE MARKERS FOR WIND TURBINES (ÉCLIPSE)



FEATURES

- Power supply and controller located in a separate enclosure
- Simulated incandescent flash (soft-on, soft-off)
- High performance lightning protection
- LIDS ready (Light Intensity Dimming Solution)
- Ethernet ready (HTML, SNMP)
- GPS synchronization ready
- Very stable light output under voltage variations
- Includes RED and INFRARED (NVG friendly)
- System powered by 24VDC/48VDC/120VAC/240VAC
- Fully compliant to FAA AC 150/5345-43G L-864, TC 621 CL-864 and ICAO Medium Intensity Type B and Type C

- All-inclusive unit: Controller, optics, alarm detection
- Simulated incandescent flash (soft-on, soft-off)
- High performance lightning protection
- ADLS ready (Aircraft Detection Lighting System)
- Internal GPS synchronization
- Very stable light output under voltage variations
- Includes RED and INFRARED (NVG friendly)
- System powered by 24VDC/48VDC/120VAC/240VAC
- Fully compliant to FAA AC 150/5345-43G L-864, TC 621 CL-864 and ICAO Medium Intensity Type B and Type C

- Fits in a 3/4" diameter round hole
- Fits various tower thicknesses
- Does not protrude outside the tower's wall
- No unwanted reflection on the mast
- Installed and serviced from inside the tower
- Installed with weather-tight seal and magnets, no screws needed
- Steady burning or flashing
- System powered by 24VDC/48VDC/120VAC/240VAC
- Fully compliant to TC 621 CL-810 and ICAO Low Intensity Type A and Type B

SEE WIND FARMS IN A WHOLE NEW LIGHT

LIDS[™] Technology
Dim the light



Obstruction lights on wind farms are necessary for the safety of pilots and travelers. At maximum intensity, obstruction lights can be seen through the worst weather conditions that pilots can fly in. Under clear skies, the maximum intensity of obstruction lights is brighter than necessary. Lights can be dimmed while maintaining safety. Thanks to LIDS[™] Technology, the negative impacts of wind farm lighting can be mitigated according to the surrounding visibility. And that's good news for everyone, in the air, and on the ground.

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