

Aviation Obstruction Lights

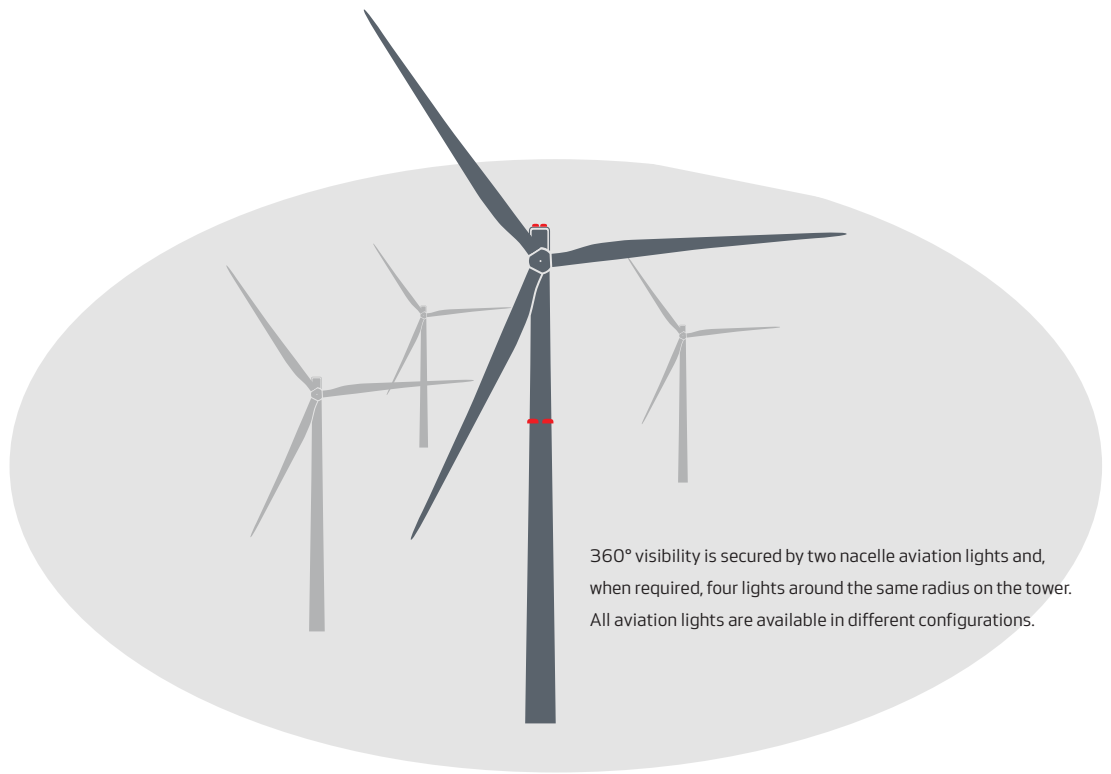
Vestas offers a high variety of aviation light solutions and related products to ensure visibility of turbines

Benefits of Aviation Obstruction Lights:

- Adhere to local and international requirements.
 - Reduce light intensity by adding visibility sensors.
 - Reduce visual impact to a minimum with Vestas IntelliLight®.
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Adhering to local and international requirements

Vestas offers a large variety of aviation light solutions and related products to meet both international and local requirements for aviation marking of wind turbines. The aviation light intensity requirements can be up to 100,000 cd on the nacelle top. To reduce the light emission Vestas offers visibility sensors and Vestas IntelliLight®.



Availability of Vestas Aviation Obstruction Lights

V90-2.0 MW™
 V100-2.0 MW®
 V110-2.0 MW®
 V116-2.0 MW™
 V120-2.0 MW™

V105-3.45 MW™
 V112-3.45 MW®
 V117-3.45 MW®
 V117-4.2 MW™
 V126-3.45 MW®
 V136-3.45 MW®
 V136-4.2 MW™
 V136-4.5 MW™
 V150-4.2 MW™
 V150-4.5 MW™
 V155-3.6 MW™

V150-6.0 MW™
 V162-6.2 MW™
 V162-6.8 MW™

360° visibility

The aviation lights on both the nacelle and tower are visible 360° around the turbine. By adding visibility sensors, light intensity can be reduced in clear weather conditions. In case further reduction is needed the Vestas IntelliLight® radar based solution only activates the lights when an aircraft is operating in the immediate vicinity of the wind farm. This reduces the visual impact to a minimum.

The aviation lights are available in different configuration with variable colours (Red or white) and infrared, flash rates and intensities. As a standard, two lights are located on the top of the nacelle and, when required, four lights around the same radius on the tower to ensure 360° visibility.

Vestas also provides variable Uninterruptible Power Supply (UPS) solutions to fulfil local requirements to continuously operation of the aviation lights during grid outage or turbine stand still.

For more information

Please contact the local Vestas office for market specific availability and further information.

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