

See wind farms in a whole new light

Obstruction lights on wind farms are necessary for the safety of pilots and travelers. When at maximum intensity, the lights facilitate navigation during the worst visibility conditions. However, under clear skies, the lights can be too bright for the purpose they serve. Thanks to LIDS™ Technology, light intensity can now be tailored to suit the surrounding visibility. And that's good news for everyone. In the air, and on the ground.



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# Combines visibility measuring devices with LED lighting equipment.

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# **LIDS™ Technology. Community-friendly dimming solutions.**

**The Context.** The presence of obstruction lights on tall towers is necessary for the safety of both pilots and travelers. These lights are set to flash at a maximum intensity to provide pilots with the necessary guidance when navigating through the worst possible visibility conditions - all night, all year round.

**The Solution.** LIDS™ Technology now provides a means of tailoring the intensity level of the lights on a wind farm in accordance with the surrounding visibility. The purpose of the solution is to dim the lights under clear sky conditions. In fact, under great visibility conditions (10 km of visibility or more), the intensity of the lights is reduced by 90 percent.

**The Result.** Using this leading-edge technology can help developers obtain a greater level of community acceptance for their projects.

# SENSOR LIGHT COMMUNICATION CPU Central Processing Unit

### Features

- Safe, simple, effective and cost efficient
- Proven technology
- Manufactured by wind industry experts in lighting and meteorology
- Web interface can provide feedback to the community in real time



## **Constructed by**

