



carmanah®

COMPLIANCE NOTICE

TEMPORARY WIND LIGHTING

THREE KEY FAA RECOMMENDATIONS FOR LIGHTING WIND TURBINES DURING CONSTRUCTION

You cannot use a Notice to Airmen (NOTAM) to justify leaving turbines unlit.

Once turbines reach a height of 200 feet (61 meters) during construction, an FAA L-810 steady-burning red light must be used. If power is not available, use a self-contained, solar-powered, LED, steady-burning red light that meets the photometric requirements of an L-810 lighting system.

FAA AC 70/7460-1L

FAA L-810 lights must have a minimum intensity of 32.5 candela (cd) at the peak.

The center of the vertical beam spread must be between +4 and +20 degrees, the vertical beam spread must be at least 10 degrees, and the intensity at the highest and lowest angles of the beam spread must be at least 16.25 cd.

FAA AC 150/5345-43G

Temporary solar lighting systems must have 7 days of autonomy at 32.5 cd.

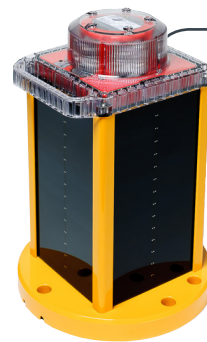
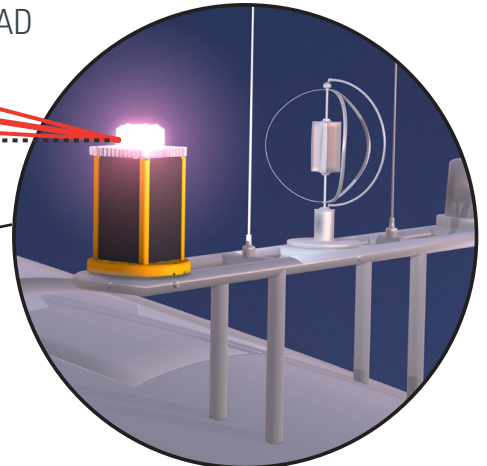
Autonomy refers to how long the light will last if all solar charging is removed. With 7 days of autonomy, the light should shine for 7 consecutive nights without receiving sunlight during the day.

FAA EB 76

VERTICAL BEAM SPREAD



FAA L-810 compliant OL800 atop a turbine.



MODEL: OL800

- Self-contained
- Exceeds 32.5 cd
- 7 days of autonomy



Bulky lighting alternatives

Older solutions on the market are large, heavy, and difficult to install.