



## OREGON WIND CORPORATION HELYX™ HE-1000 WIND/SOLAR HYBRID LED STREETLIGHT

Oregon Wind's revolutionary new streetlight gleans clean energy from the wind and the sun to power energy-efficient LED lamping when and where you need it.

### FEATURES & BENEFITS FACT SHEET

#### TURBINE

- » Runs silently with negligible vibration.
- » Safe for wildlife.
- » Utilizes wind from any direction, regardless of turbulence or wind patterns.
- » Double helix design is self-starting at low wind speeds.
- » Multiple turbines do not affect each other when closely spaced.
- » Generates power starting at 5 mph, through a wide range of wind speeds (up to 160 watts at a rated wind speed of 28 mph).

#### HYBRID WIND/SOLAR LED STREETLIGHT

- » Dual power source increases power and reliability.
- » Can be grid-tied with internal inverter or free-standing with internal batteries.
- » Allows for "distributed power" production where it is needed, bypassing the problem of transporting power via "the grid."
- » Low energy LED lamping requires minimal power.
- » Built-in smart electronics can sense daylight and motion, turning light on when it gets dark, dimming light when no motion is detected and turning off light at dawn.
- » Extremely durable, designed to last for decades, few moving parts.
- » All parts independently replaceable and offer high post-consumer recycled content, impact resistance and UV resistance.
- » Appropriate for most environments, temperatures and conditions, including snow and ice.
- » Manufactured in Portland, Oregon USA using sustainable materials, processes and labor.

#### SPECIFICATIONS

- » Materials: Turbine is constructed of high-impact TPO plastic, 100% recycled with 60% post-consumer content. Base and frame are recycled steel and aluminum.
- » Dimensions: H: (without post or PV panel) 62 1/16" W: 42"
- » Turbine weight (w/out post or mounting hardware): Approx. 20 lbs (9kg)
- » Total weight: Approx. 275 lbs. (124.7kg)

