

HCL series of hybrid compact lighting



Product description

A million kilometers of the roads... Bright highways are followed by narrow local roots with the dark dead ends. The parks, gardens and backyards – there are a lot of places where we want to see a little bit more light, than we have.

HCL is a series of hybrid solar-wind powered street lights dedicated for the different purposes – road, park and garden. Hybrid self-powered street lights are widely used at present time all over the world. They are reliable and weather-independent sources of light. Following the technological progress, they have become more compact and cost-effective. Vertical axis wind generator in combination with low starting torque generators allow to use every small breeze to charge the compact accumulator for LED power supply.

HCLs are suitable for remote motorways, parking and pedestrian zones. They are often used for quays and beaches. It's a great solution for temporary lighting in the camping, parks and holiday areas.

Features and advantages:

- *Hybrid power system provides weather-independent power supply.*
- *Completely self-consistent, no wires, no maintenance.*
- *It starts to work at a very weak wind thanks to a patented generator.*
- *High protection against harsh environments. UV-stable polycarbonate shell, waterproof and shock resistant.*
- *Super bright LED light.*
- *Light-sensitive. Turns on in darkness automatically, turns off in the daylight.*
- *IR sensor for switching on.*
- *Radio-synchronized switching (optional).*
- *Available with different LED power.*
- *Compact design, very simple installation.*

HCL		Description
Model		HCL-XX
Dimensions	HCL-30	900x500x500
	HCL-15	700x40x400
	HCL-5	600x300x300
Wind energy harvester		12V 10W
Solar Panel	Types and sizes	12V 30W-10W
Accumulator battery		12V 14Ah-4 Ah
LED	Power	5W
	Quantity	6,3,1
After full charged, the using time		>8h
Work life		5 years
Material		PC
Product features		Impact-resistant, durable
		Hybrid wind and solar charging, low wind operation
		Light-control mode, turns on automatically at night