



HI-REL
Powering Growth

L i g h t n i n g s y s t e m s



SOLUX

Suryakiran street lighting systems operate utilizing solar energy from the sun and provide brilliant lighting during night time. These highly efficient lighting fixtures are "stand alone" systems that can operate under "off grid" conditions too. The system consists of a solar PV Module, battery and luminary, all mounted on a single pole with necessary hardware and cables. Suryakiran lighting systems are ideal for street lighting, parking lots, playgrounds, large residential complexes, malls, shopping arcades and other outdoor general lighting applications. Powered by clean solar energy, it completely eliminates the need to excavate for underground powerlines. These lights, based on LED technology provide highly reliable, efficient, long lasting and cost effective energy source for lighting requirements. The LED, emitting bright white light is a revolutionary concept in outdoor lighting.

ADVANTAGES

- Long life & reduced maintenance
- Better quality of light output
- Durable, no filament to break
- Low power consumption
- Eco-friendly
- Smaller flexible lighting fixtures
- Simple installation
- User freindly operation

FEATURES

- Bright LED source with photometric design
- High intensity and uniform lighting
- Eliminates visual fatigue caused by traditional outdoor lighting
- Bulb replacements are eliminated
- Dusk to dawn operations
- Autonomy : 3 days (minimum 42 hours of operations) in case of there no sunny days, it will give the same light output

SPECIFICATIONS

Solar Module, Poly / Multi Crystalline	40 Wp	
Battery	Lead Acid Tubular, 12V - 40 AH	
Charge Control	HF PWM control for longer Battery life	
Lamp Type	HB White LED, 6 x 1 Watt with Lenses	
Lumens	Indication: Two LED Indications for battery	
	charging/Charged (GREEN) & Battery	
	Deepdischarged (RED)	
Lamp Color	Color Top	Not decided
	Color Down	Not decided
Lamp on Time	Various user selectable options with or without dimming	
Total Pole Height	15 feet	
Lamp Height	12 feet	

