



- Ultra bright White LED Light
- 1800 lumens
- Improved colour rendering over traditional sodium & mercury lamps
- 120W Solar Panel
- Freestanding- does not require mains connection
- Battery capacity of 114 AH
- Ideal for car parks, pedestrian and waterfront areas

The LN-LX1 is at the cutting edge of technology with highly efficient solar modules and ultra bright LED lights. Our advanced LED technology produces an output of 1800 lumens, over 50lm/W. The main body of the LN-LX1 is made of corrosion-resistant, lightweight aluminium alloy for simple installation. In addition the aluminium has an anodized finish, further increasing its life expectancy well beyond the life of a steel column. The LN-LX1 can be installed anywhere lighting is required, even in the most remote locations as it does not require connection to the main power grid. This eliminates the additional expense of cabling and trenching, as a simple concrete pad is all that is required for installation. The LN-LX1 has 3 integrated batteries with a capacity of 114AH which is capable of powering the light for 5 days without any sunlight. Our Solar Amenity lights require very little maintenance with an LED head lifetime of 40,000 hours (80% at 40,000hrs) or approximately ten years based on an average of 12 hours per day. Although the initial outlay is greater for the LN-LX1 than traditional sodium or mercury lamps the LN-LX1 has been designed with the future in mind. With rising electricity costs, depleting oil fields and the threats associated with global warming the LN-LX1 can help to alleviate your environmental concerns. If you would like to eliminate electricity costs, slash maintenance costs and drastically reduce your external lighting carbon footprint enquire the LN-LX1 is the light for you.

Solar Module

- Solar Panel: **120W**

Illuminant

- Lamp Power: **32W White LED**
- Lamp Lifetime: **40,000 hrs (80% at 40,000 hrs -up to 10 years based on average of 12 hrs/day)**
- Voltage: **12V**
- Lumen: **1800 lm**
- Efficiency: **More than 50lm/W**
- Light span & Street Width: **Span 20m Depth 5m**

Operation

- Lighting Time: **Sunset to sunrise. 1hr energy saving light, 5hrs full light, 8hrs energy saving light**
- Capable of powering light without sun: **5 days**

Installation

- Installation Time: **Approx 1 hour**
- Installation pre requisite: **800 x 800 x 1500mm Concrete base required**
- Max Wind Speed: **60m/s**
- Weight: **131kg**

Appearance

- Lamp Height: **3.0m**
- Lamp Spacing: **Up to 20m**

Controller Box

- Lighting Control: **Sunset detection. Overcharge/over discharge prevention**
- Battery: **114AH (38AH x 3 pcs)**

Pole

- Material: **Aluminium Alloy**