

# MSSL30WD | 30W Solar Street Light Double



Built-in dimmable LED Driver. Controller is set to run 6 hours at 100% power and remainder of the night 70% power. 2 x Luminaires: 36 X Phillips Lumileds – Cool White 5K7 - 3750lm each. Controller: SmartLED 8 A with day/night sensor. Battery: Lithium-ion. Charge Time with full sunshine: 3.5 Hours. Light Coverage: Approximately 20m X 16m rectangle. Bracketing: Includes battery box bracket, solar panel bracket and light bracket. Pole Frequency - 25m

## Luminaire

Luminaire Power 60,00 W

Lumen 9 600

LED Type

LED Name

Lens

LED Temperature

Beam Angle

Coverage

CRI

## Battery

Chemistry

Amp Hours

Watt Hours 1 015

Cycles

## Solar Panel

Panel Total W 220

Panel Voltage

Panel Current

## Controller

Controller Type

Controller Size

Controller Program

Controller Protections

Controller Sensor

Operating Temp

IP Rating



With the battery neatly concealed within the solar panel bracket, installation is quick and easy. The only real considerations are aiming the light and panel in the desired directions.

## Installation

Mounting Height

Pole-to-Pole

Pole Top Size 101

Power Box Type MB-67-D

Steel Description

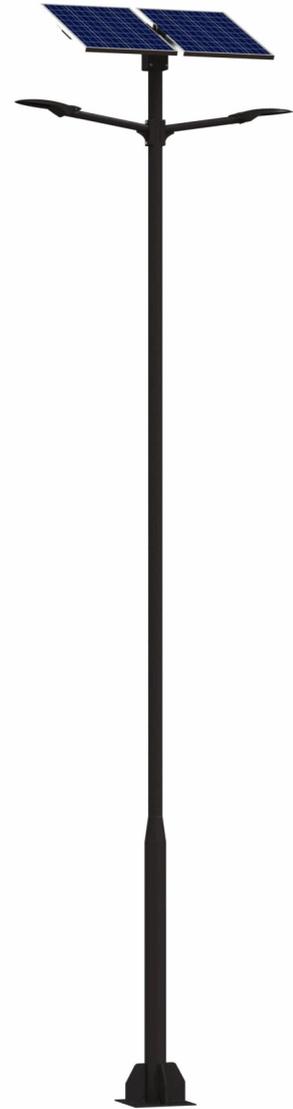
Warranty

Pole or Base Not Included



In order to protect against corrosion, all metal used in our products is either galvanized steel or aluminium. The steel is powder-coated with a 'structure'UV resistant epoxy. Our warranty on all parts is 3 years.

We use lithium ion batteries as they have many benefits over lead acid battery types. The storage/weight ratio of lithium batteries allows us to make larger lighting systems for single poles. Lithium batteries also charge faster, use more of the battery and have a much longer cycle life. The extra cost of a lithium ion battery is easily countered by the saving on the steel and aluminium structures we use to hold and carry our systems. All of our batteries have intelligent Battery Management Systems to ensure high accuracy and safety of charging and discharging.



**The options for installing poles for lighting are:**

**Base Plate Pole:** This pole requires a bolt cage to be submerged into the ground and set in concrete. The Pole is then bolted onto the bolt cage.

**Stepped Pole:** Our stepped poles are inserted directly into the ground and concreted in place. The poles will need to be supported vertically until concrete has set. This installation method is less expensive than a base plate pole.

**Standard Pole:** For some smaller installations, you may use a standard pole. Which is a simple length with no steps or base plate. This pole will also be inserted directly into the ground and concreted in place.

**Wall Pole:** For lighting around buildings, the wall pole is bolted onto the wall, and the light and solar system installed on the pole.

**Installation Options**

