

MSLP1800D | Park Light - Double 1800 Lm



Our street light systems are ideal for lighting internal roads, carpark areas and perimeters. The slim design with shorter pole is functional as a domestic or light commercial parking light, or simply as a pathway or area light. These lights look good on square poles as well as round poles. Built-in solar controller - set to run 100% for 6 hours then 70% for remainder of night Battery Capacity and type: 14.4V Lithium Battery Charge Time with full sunshine: 3 Hours Light: SMD – Natural White 4K Light Coverage: Approximately 10m x 6m on each side of pole. Pole spacing: 10m -15m. Pole Height 4-6m Hardware: Includes all steel bracketing, battery, light, solar panels,

Luminaire

Luminaire Power	28,00 W
Lumen	3 600
LED Type	SMD
LED Name	Seoul Chips
Lens	PMMA
LED Temperature	4000K
Beam Angle	150deg/80deg
Coverage	190m ²
CRI	>80

Battery

Chemistry	Lithium-Ion
Amp Hours	32Ah
Watt Hours	380
Cycles	>2000

Solar Panel

Panel Total W	100
Panel Voltage	18V
Panel Current	5.56A

Controller

Controller Type	PWM SmartLED
Controller Size	10A
Controller Program	6hrs 100% 7hrs 70%
Controller Protections	Over-Charge, Over-Discharge, Temp Compensation
Controller Sensor	Built-in Day/Night Sensor
Operating Temp	-10 to 45 deg C
IP Rating	IP68



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	3m
Pole-to-Pole	15m
Pole Top Size	90
Power Box Type	MB-67-S
Steel Description	High Quality Galvanized
Warranty	3 Years
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

