

PO12

Solar 'Windsor' Lamp Post Light (With Pole)



TECHNICAL SPECIFICATIONS

LIGHT FIXTURE

- Up to 12 hours illumination at night.
- Typically dusk to dawn illumination.
- Up to 3 days reserve (autonomy) power to allow for cloudy days (subject to local conditions).
- Fixture is of all aluminum construction.
- Commercial grade quality.
- Matt black powder coated finish.
- Lampshade with round base (collar) to fit a 3" diameter round post or round pole.
- Holes are pre-drilled in the round base (collar) of the fixture enabling it to be secured to the pole with bolts or screws.
- Lampshade is fitted with a removable bulb containing 66 super bright LED's.
- I.P. rating = 54
- The LED's provide a warm white illumination color.
- LED's are arranged onto an E27 screw-in bulb unit providing an uniform 360 degree lighting pattern. The E27 unit is replaceable.
- LED color temperature is 3500k. Alternative E27 units (with different color temperatures) are available by special order only and for very large quantity orders only.
- Each LED provides 6 Lumens, about 400 Lumens total output.
- Equivalent to a conventional (incandescent) 75 watt light bulb.
- Three, high quality, 7 watt solar panels discretely built flush into the top of the fixture.
- One solar panel is fitted on 3 out of 4 sides.
- Installation of the lampshade would set so as to orientate each of the solar panels to face East, South and West.
- The fourth side would face North and does not require a solar panel.
- Total solar panel wattage is 21 watts.
- The solar panels are monocrystalline or polycrystalline.
- Electronic circuit board (PCB) is housed within the top of the lampshade.
- All PCB connections are plug & play.
- The PCB is conformally coated for added weather/humidity resistance.
- A 12 volt 12 Amp/Hour sealed GEL rechargeable battery is supplied and located within the top of the lampshade.
- The battery is replaceable, usually every 2-3 years and is accessed quickly and simply by a removable panel on the top of the lampshade.
- The battery has a working temperature to as low as -40 deg F (-40 deg C) and to as high as +122 deg F (+50 deg C).
- Higher specification battery of the same voltage and ampage can be used, for more extreme environments, or where required.
- Built-in photocell for automatic dusk-to-dawn operation.
- Programmable charge control system with choice of programs, modes and times etc.
- The clear glass lampshade has 4 glass panels, each toughened and tempered.
- The glass sections are 1/5" (5mm) thick.
- The internal diameter (ID) of the round base (collar) of this fixture is approximately 3 1/10" (78mm).
- This fixture is approximately 23" (58cm) high x 18" (46cm) x 18" (46cm).

*SUBJECT TO OUR TERMS & CONDITIONS, AND RETURNS POLICY

One Year*
Warranty

Low Price
Guarantee

No Hassle*
Returns

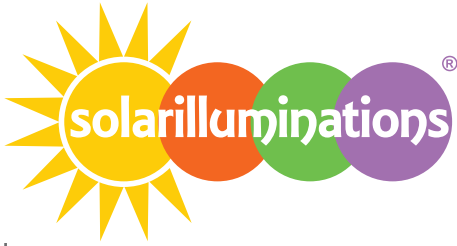
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MONDAY - FRIDAY 10.00AM - 4.00PM (US EASTERN TIME)

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POLE

- Supplied with a heavy duty steel pole with a flat black powder coated finish.
- The pole is approximately 9.5' (285cm) high and has a welded base plate of approximately 1/3" (8mm) thick and approximately 10" x 10" (25cm x 25cm) square.
- The pole base has four pre-drilled elongated holes 3/4" wide.
- The pole is approximately 3" (76mm) diameter (O.D.) at the top and approximately 4.5" (115mm) diameter at the base.
- Entire lamp post (pole and fixtures) stands approximately 11.5' (3.5m) high.
- For installation, a welded steel template and frame (with anchor bolts) is included, for setting into new wet concrete.
- Alternatively, the pole could be bolted to an existing concrete pad using appropriate bolts (not included).

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