**TECHNICAL SPECIFICATIONS**

**Manufactured in an ISO9001:2000 ‘Quality Assured’ facility.**

**LIGHT FIXTURE**
- Up to 12 hours illumination at night.
- 51 super bright, high output Cree® LED bulbs inside each lampshade.
- Each LED provides 6 Lumens, about 306 Lumens total output, per lampshade.
- Light output is white through a clear polycarbonate lampshade.
- High quality, discrete, integral, solar cell panel fixed flush into the top of the fixture.
- Includes a 12 Volt 9 Amp/Hr rechargeable battery (replaceable) located inside the base of the lampshade.
- Automatic (on at dusk) operation, controlled via the solar panel.
- Discrete on/off switch for manual over-ride (on the lampshade).
- The lampshade section is of aluminum construction.
- I.P. rating = 54
- For option use, a DC power input jack (14.8v dc max / 800mA). Power jack may be used to add an auxiliary 12v solar panel (available as an optional extra - see product SP02).
- Concave upper reflector and convex lower reflector within each lampshade housing, to enhance illumination output.
- The overall lamp head section is approximately 25” high and approximately 14” diameter.
- Entire lamp post (pole and fixtures) stands approximately 11.5’ high.
- Light output is approximately 75 watts (per lampshade).

**POLE**
- Supplied with a heavy duty steel pole with a flat black powder coated finish.
- The pole is approximately 9.5’ high and has a welded square base of approximately 1/3” thick and 10” x 10”.
- The pole base has four pre-drilled elongated holes 3/4” wide.
- The pole is approximately 3” diameter (O.D.) at the top and approximately 4.5” diameter at the base.
- The clear polycarbonate lampshade section alone is approximately 14” diameter (at its widest (top)) and approximately 11” 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).