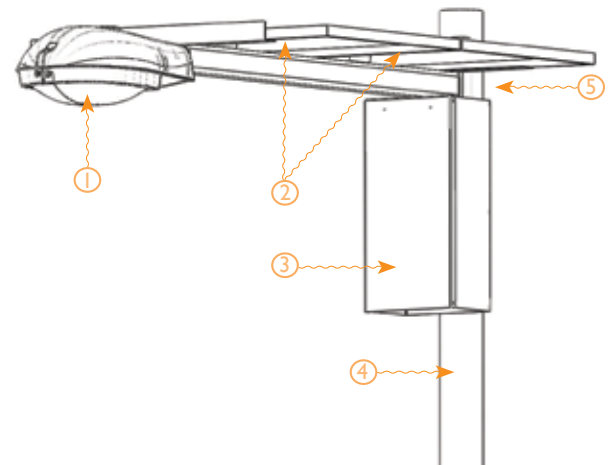


TSL Series

Solar light for street and roadway lighting for installations within 30 degrees of the Equator

FEATURES

- High reliability solar powered light with an integrated solar array and fixture mounting for simplified installation.
- Easy to startup with no programming required and plug and play connections.
- Long-life, high-brightness LED lights last for at least fifteen years of worry-free lighting.
- Bright-white LED light with 5500 K color for improved nighttime vision.
- Instant turn on and without warm-up or flickering.
- Dark sky compliant fixture available to minimize light pollution.
- Peace of mind with Sol's Five Plus Limited Warranty.
- Unlike conventional lights, no hazardous materials.
- Patented flexible running modes to provide light when needed (Dusk to Dawn, Split Night, Dimming and/or Occupant Based).
- No maintenance Sol NRGLife™ batteries for long, reliable nighttime illumination
- Minimum 5 night backup extended to 10 nights with proprietary Power management technology
- Several aesthetic fixture options include cobrahead, shoebox, and architectural Mesa fixture.
- Highly robust design available to withstand hurricane (170 mph) wind loading.
- Most reliable light available; not susceptible to brown outs, black outs and/or single points of failure.



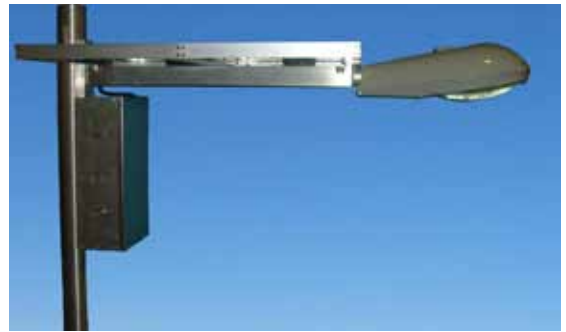
1. Sol LED luminaire.
2. Solar panels lie flat for omnidirectional placement of the light assembly.
3. Rugged vented aluminum energy storage array holds NRGLife™ battery(s) and controller and is mounted to main support bracket and shaded by solar panels.
4. System mounts on standard pole with tenon – square, round, fiberglass, steel, aluminum or concrete.
5. Including interface with pole; system is designed to withstand high winds.



Reliable. Renewable. Remarkable.

TSL Series

Solar light for street and roadway lighting



SPECIFICATIONS

Panel Size	Dimensions Length x Width x Height	Panel Power (Output Amps)	EPA @ 0 degrees (Effective Projected Area) Power Unit + Arm + Battery Box (add fixture below)	System Weight
80 watts	47.28" x 21.14" x 1.81" 1200mm x 537mm x 46mm	4.55 amp @ 12V	3.32 sq. ft. / 0.308438 m ²	Approx. 200 lb. 90.72 kg
100 watts (2x50)	31.77" x 40.86" x 1.38" 807mm x 1038mm x 30mm	5.68 amp @ 12V	3.23 sq. ft. / 0.300076 m ²	Approx. 215 lb. 97.52 kg
125 watts	59.0" x 26.1" x 1.81" 1499mm x 662mm x 46 mm	7.16 amp @ 12V	3.49 sq. ft. / 0.324231 m ²	Approx. 233 lb. 105.69 kg
160 watts (2x80)	47.28" x 42.28" x 1.81" 1200mm x 1074mm x 46mm	9.10 amp @ 12V	3.32 sq. ft. / 0.308438 m ²	Approx. 240 lb. 108.86 kg
250 watts (2x125)	59" x 52.2" x 1.81" 1499mm x 1324mm x 46mm	14.32 amp @ 12V	3.49 sq. ft. / 0.324231 m ²	Approx. 260 lb. 117.93 kg

Solar panel configurations may vary slightly by manufacturer
System weight may vary with number of fixtures and batteries.

Fixtures and Arms Available for TPM Series

Cobrahead with 6 foot Universal Arm
Shoebox with 6 foot Universal Arm or 2 foot Stub Arm
Mesa with 6 foot Universal Arm or 2 foot Stub Arm



rev. 0909 MRKT-TSL-001