

# SL14

## Solar 'Compac-Lite' Street Light (With 10' Heavy Duty Pole)

### TECHNICAL SPECIFICATIONS

Manufactured in an ISO9001:2000 'Quality Assured' facility.

#### General Information

- Available in a choice of 5 models (standard, advanced or hybrid).
- The hybrid model has a pre-wired electrical connection for 110-240v AC power, for use as a back-up if the battery pack has insufficient charge.
- The hybrid model is suitable for the USA, UK, Europe and other countries that use 110-240v AC.
- The hybrid model will only use AC power to provide illumination in the rare occasions where the battery supply cannot supply enough power. The AC power does not recharge the battery as that is the purpose of the system being solar powered.
- Two year limited warranty

#### BASIC MODEL

- The basic model is fitted with multiple SMD/LEDS at 5w power.
- The basic model will provide 410 Lumens at full brightness and 120 Lumens in ambient mode. That is equal to approximately 100 watts of incandescent lighting.
- The basic model is fitted with a 12 Watt solar panel.
- The basic model is approx. 21" x 12" x 2" (54cm x 30cm x 5cm) LxWxD.

#### STANDARD MODEL

- The standard model is fitted with multiple SMD/LEDS at 8w power.
- The standard model will provide 680 Lumens at full brightness and 200 Lumens in ambient mode.
- The standard model is fitted with a 18 Watt solar panel.
- The standard model can illuminate continuously for up to 24 hours in ambient mode or up to 8 hours in full brightness mode.
- The standard model is approx. 21" x 12" x 2" (54cm x 30cm x 5cm) LxWxD.

#### ADVANCED MODEL

- The advanced model is fitted with multiple SMD/LEDS at 10w power.
- The advanced model will provide 810 Lumens at full brightness and 270 Lumens in ambient mode.
- The advanced model is fitted with a 23 Watt solar panel.
- The advanced model can illuminate continuously for up to 30 hours in ambient mode or up to 10 hours in full brightness mode.
- The advanced model at 13' high (4 metres) will provide an average 18 Lux in full brightness mode or 7.8 Lux in ambient mode.
- The advanced model is approx. 26.5" x 12" x 2" (67cm x 30cm x 5cm) LxWxD.

#### SUPERIOR

- The superior model is fitted with multiple Samsung® SMD/LEDS at 16w power.
- The superior model will provide 1800 Lumens at full brightness and 720 Lumens in ambient mode. That is equal to approximately 300 watts of incandescent lighting.
- The superior model is fitted with a 36 Watt solar panel.
- The superior model can illuminate continuously for up to 24 hours in ambient mode or up to 8 hours in full brightness mode.
- The superior model at 16' high (5 metres) will provide an average 28 Lux in full brightness mode or 12 Lux in ambient mode.
- The superior model is approx. 43" x 8.5" x 2" (110cm x 21cm x 5cm) LxWxD.

#### HYBRID

- The hybrid model is fitted with multiple SMD/LEDS at 8w power.
- The hybrid model will provide 680 Lumens at full brightness and 200 Lumens in ambient mode.



**Two Year\***  
Warranty ✓

**Low Price**  
Guarantee ✓

**No Hassle\***  
Returns ✓

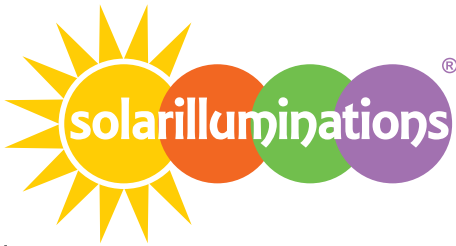
**Worldwide**  
Shipping ✓

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

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# SL14

## Solar 'Compac-Lite' Street Light (With 10' Heavy Duty Pole)



- The hybrid model is fitted with a 12 Watt solar panel.
- The hybrid model can illuminate continuously for any amount of time in ambient mode or any amount of time in full brightness mode.
- The hybrid model at 13' high (4 metres) will provide an average 17 Lux in full brightness mode or 7.6 Lux in ambient mode.
- The hybrid model is approx. 16.5" x 12" x 2" (42cm x 30cm x 5cm LxWxD).
- The hybrid model has a pre-wired electrical connection for use as a back-up
- The hybrid model is suitable for the USA, UK, Europe and other countries that use 110-240v AC.
- The hybrid model will only use AC power to provide illumination in the rare occasions where the battery supply cannot supply enough power, the AC power does not recharge the battery

Basic - Front



Standard - Front



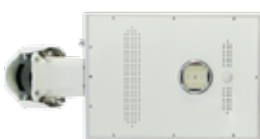
Advanced - Front



Superior - Front



Hybrid - Front



### Light Fixture

- Vandal resistant weatherproof housing with built-in solar panel.
- A passive infra-red motion sensor is built into the fixture on all models.
- Motion sensor detection range (at ground level) is up to 20' (6 metres) forward and with a 90 degree detection spread, up to 13' (4 metres) left/right.
- All SMD/LED's have a color temperature of 6000-6500k.
- Average light intensity is 30 Lux with a 120 degree viewing angle.
- Short support arm and mounting bracket is included.
- Easy installation onto a round pole.
- Anti-tamper (theft resistant) stainless steel hardware included for pole clamp.
- Anti-tamper bolt install/release tool included.
- Can also be fitted to a square post or to a solid vertical surface such as a wall or side of a building.
- The 'U' section of the clamp is removable to allow for direct surface mounting.
- Gray powder coated finish with natural aluminum frame.
- Gray colored finish support arm and clamp.
- Custom colors available for special quantity orders.
- Weather rating is I.P. 65
- The short support arm is approx. 4.5" (12cm) long on all models.
- The clamp/bracket can be attached to a round pole of 2" (5cm) diameter up to 3.5" (9cm) diameter.
- The standard and hybrid model can be installed up to a height of approx. 13' (4 metres).
- The advanced model can be installed up to a height of approx. 16' (5 metres).
- Typical spacing would be about every 30' to 50' (9 metres to 15 metres).

### Battery

- Integral high capacity Lithium battery pack pre-installed.
- The system has built-in charge control regulation with over-charge and discharge protection.
- Approximately 4-5 hours of sunshine daily is required to enable full charge, subject to the solar panel wattage and other factors mentioned below.

### Pole

- 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.
- Rebar/anchor kit is included for installation into wet concrete with nuts, bolts and washers.
- Can be fixed to an existing concrete pad using suitable expanding anchor bolts (not included).

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