

Solar Lighting Systems 11-14



Lighting System Specifications

Model	Apollo
Input voltage	DC12-24V
Power factor	>90%
Work mode choice	Constant Temperature Automatical, Days Control Saving, Light Control Start"
LED power	60W
LED light efficient	>90LM/W
Total luminous flux	5024LM (Tj25°C)
Lamp output luminous flux	5100Lm
Lamp light efficient (%)	>0.90
Average lumination intensity grade(E)	(Hight=6M) ≥ 28Lux (Hight=8M) ≥ 16Lux (Hight=10M) ≥ 10Lux (Hight=8M) ≥ 8.30Lux
lumination are distribution	20X8M(Hight=6M) 27X11M(Hight=8M) 34X14M(Hight=10M) 40X16M(Hight=12M)
Color temperature	White:5000-6500K warm white:2800-3500K
Coloration index	Ra>75%
Lamp-house	LED (1w)
Work life	>50000Hrs
Lamp material	PC Die-casting aluminium and PC
Defend grade	IP65

Solar Lighting Features

Height: 7M-9M- Hot galvanized taper or straight diameter pole, surface treated.

System voltage: DC12V/24V

Suitable light source: High power LED, low pressure sodium lamp, electrode less lamp, working each day: 4-12 hours

Number of overcast days: 2-7 days .

Total luminous flux: 1500Lm-6500Lm(can be designed into a full power illumination mode or an energy-saving mode as required by the customer.)

Luminous efficiency: 70Lm/W-150Lm/W

Luminance : 15Lux-38Lux (can design it as required).

Wind Resistance: 135.8 ft/s

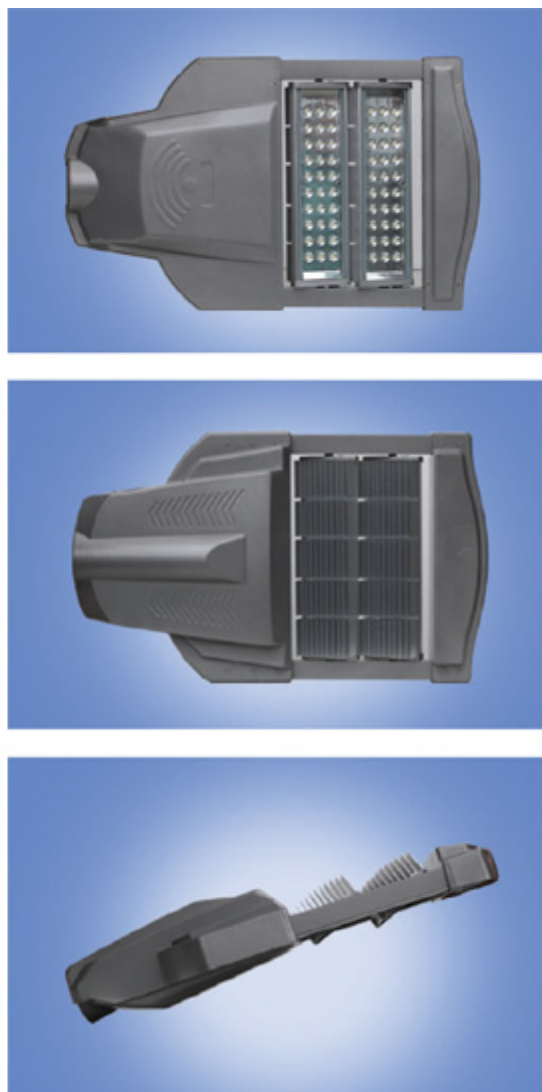
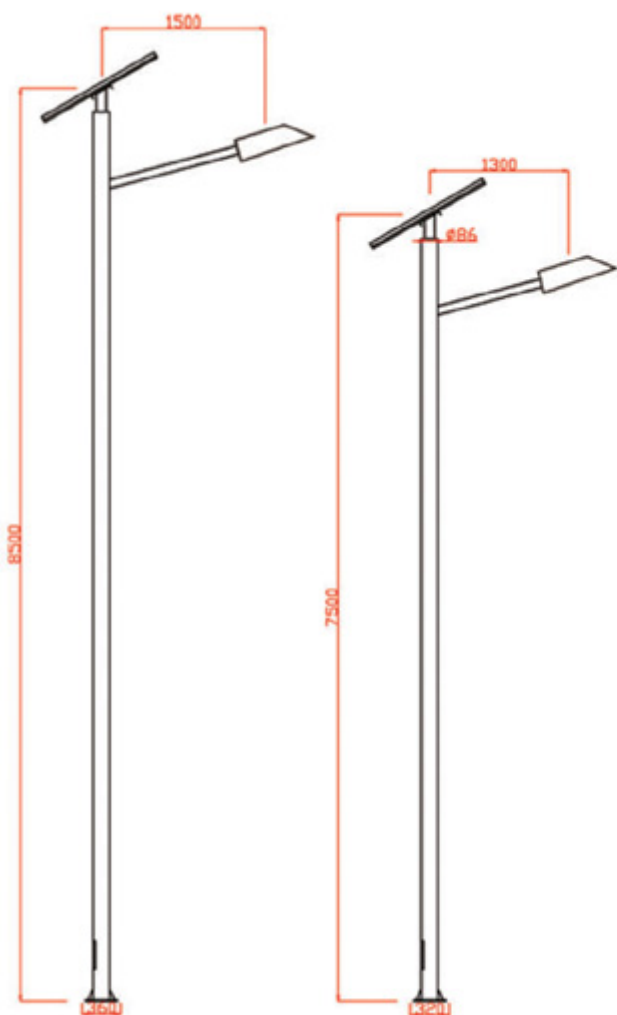
Service temperature: -104→) -158→)

Cell panels: Single / polycrystalline silicon solar cell panels with high conversion efficiency, long life expectancy.

Valve-Controlled: sealed maintenance-free gel, lead-acid storage batteries, for solar energy , long life expectancy.

Controller: Microcomputer intelligent waterproof with many functions such as anti-overcharge, anti-over discharge, light and time controller.

Cabinet: Mould-pressed, forming a fully sealed waterproof, good insulation effect, long life expectancy.



The configuration said above is for reference purposes only and is designed according to the local climate conditions and other customer requirements.

