



INTEGRATED SOLAR STREET LIGHTING SYSTEMS

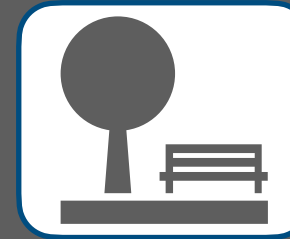
APPLICATIONS



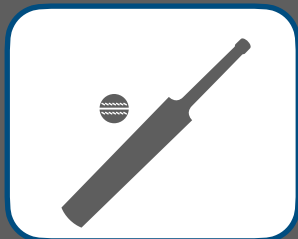
AH & Farms



Roadways



Parks & Recreation



Sports Grounds



Perimeter Security



Residential Estates

APPLICATIONS

Functionality

Fully Integrated Solar Lighting system including



Specifications

Product Information

Included Parts	Photovoltaic Panel Lithium Iron Battery Back LED Luminaire Charge Controller PV Panel Mounting Kit
Programmable Settings	7 Optionl Light settings
Ingress Protection	IP65
Auntonous Light	72 Hours (3 Cloudy Days)
Windspeed Tolerance	120km/h
System Weight	
Warranty	3 Year* (2 year Battery)

Solar Panel

Photovoltaic Life Expectancy	80W Multi-Crystalline PV 6V 20 Year Life time / 80% Corrosion resistant
Net Weight: Dimensions:	

Battery Pack

Technology Life Expectancy Warranty	Lithium Iron 50AH 3.2 -3.7V 5 Years 2 Year
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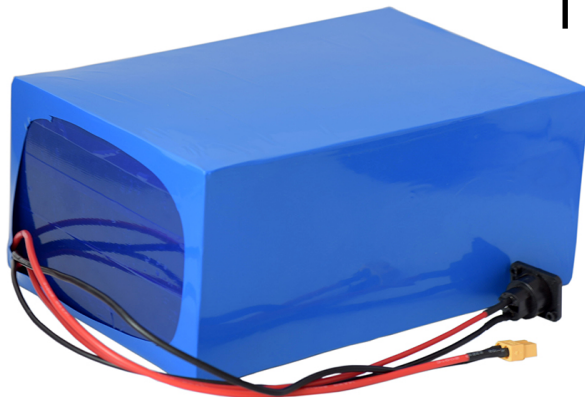
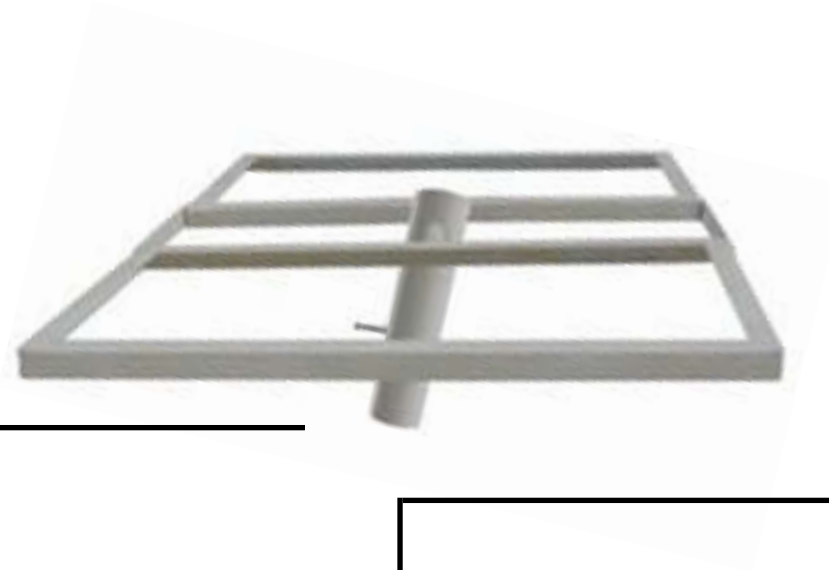
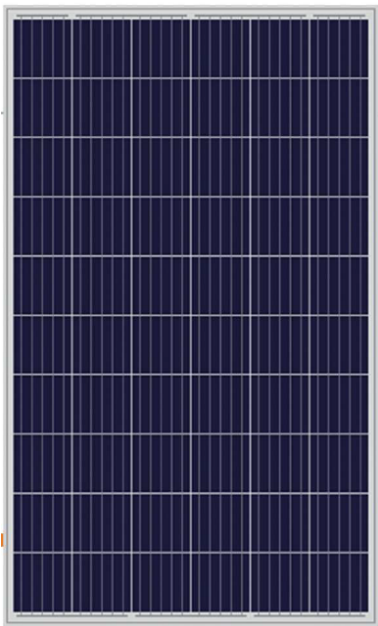
Charge Controller & Settings

Smart Controller	7 out-put Modes Built in memory Constant Current Output
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Luminaire

Housing Material	Aluminium
System Power	20W
Luminous Flux	Max 2900lm
Efficiency	145lm/w
Colour Rendering index	70 / 80Ra
Colour Temperature	3000 - 3200K 3900-4200K 5000-5500K 6000-6500K
Opertaing Temperature	-20 up to +40°C
TM21 @tq25°C	50 000hrs L70B30
Dimensions	
Weight	2.7Kg (including Battery)

SYSTEM



Set Includes

LED Street Light

50AH Lithium Iron Battery Pack
(enclosed in the Luminaire)

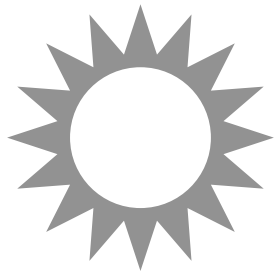
80W Multi-crystalline Solar Panel

Pole Mounting Bracket for the solar
Panel.

Solar Charge Controller
(enclosed in the Luminaire)

*Street light Pole is not included

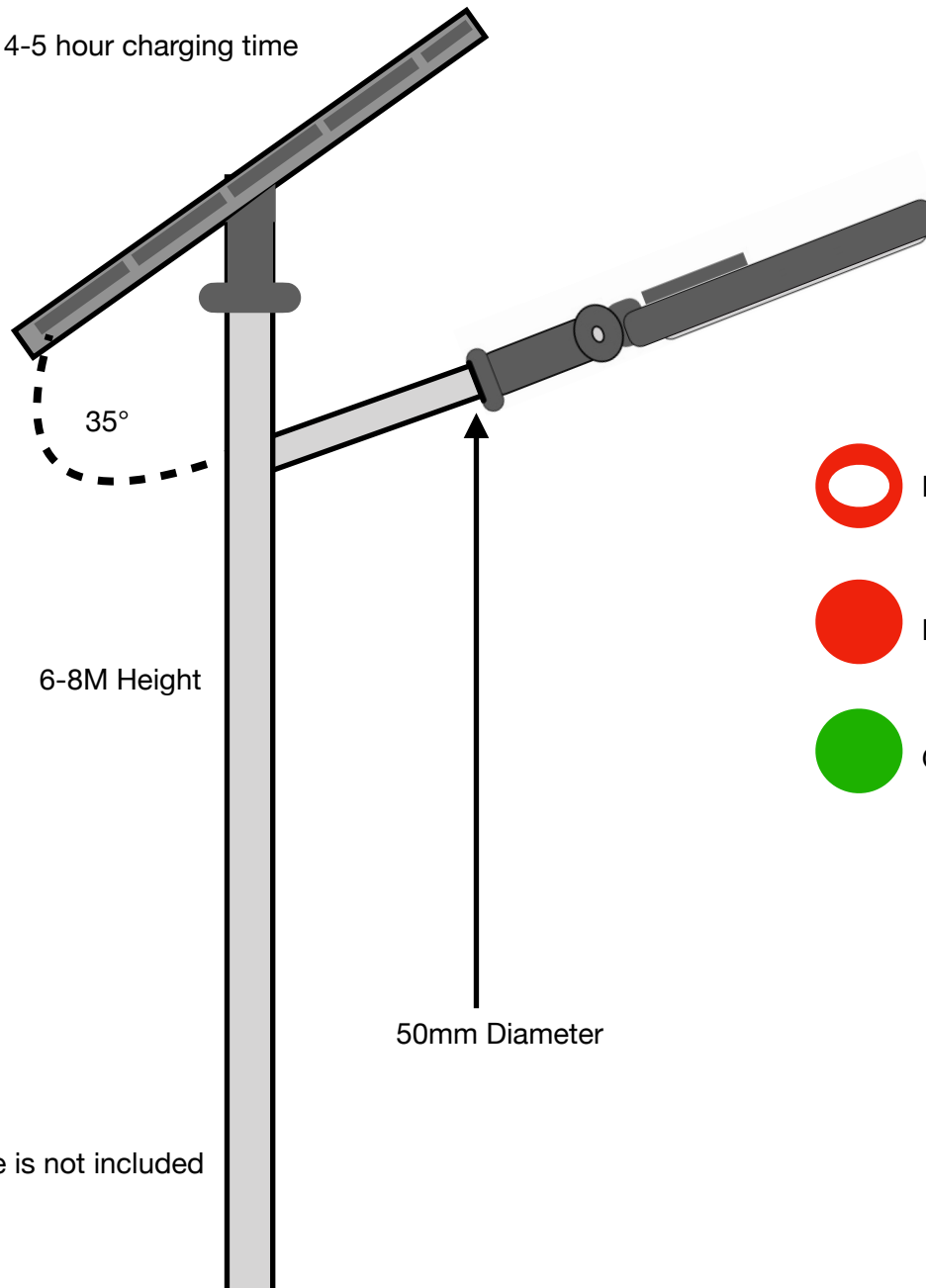
SYSTEM



4-5 hour charging time



3 Day Autonomy



35°

6-8M Height

50mm Diameter



Red flashing indicator - Battery Charging



Red constant indicator - Battery in use

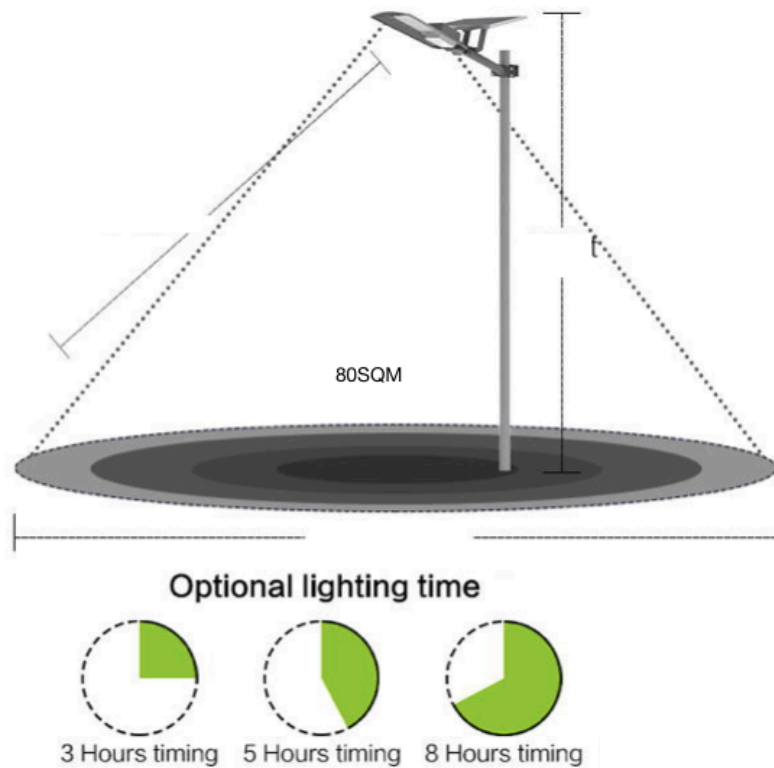


Green constant indicator - Battery is Fully Charged

*Street light Pole is not included

SETTINGS

The Solar Lighting system can be programmed to meet specific client needs providing the quantity of light required at certain times offering adequate lighting and effective battery maintenance. One of seven lighting output options is available. The lighting system will power up when it detects no more incoming power to the photovoltaic.



Adjustable Light
Intensity by remote

