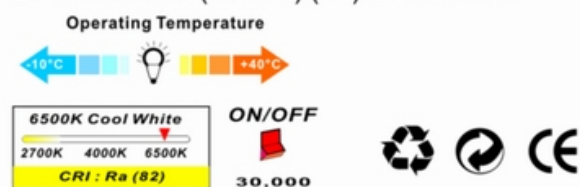


12V LED BULB

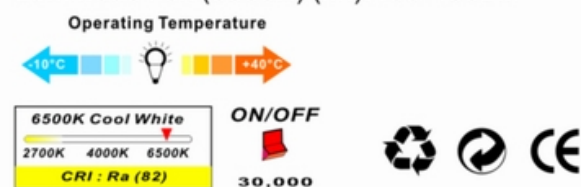
Model: 12V DC 3W

Product name: LED BULB G45 3W
Life span: 30,000+ Hours
warranty: 2 years
Equivalent watt (w): Incandescent bulb 20W
Voltage (v): 12V DC
Watt (Rated): 3W
Power Factor: 1
Lamp size. (mm): D45xH80
Luminous flux (6000K) (lm): 240-270LM



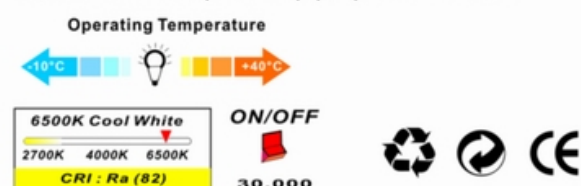
Model: 12V DC 5W

Product name: LED BULB G45 5W
Life span: 30,000+ Hours
warranty: 2 years
Equivalent watt (w): Incandescent bulb 35W
Voltage (v): 12V DC
Watt (Rated): 5W
Power Factor: 1
Lamp size. (mm): D60XH110
Luminous flux (6000K) (lm): 400-450LM



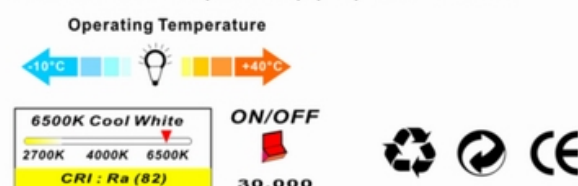
Model: 12V DC 7W

Product name: LED BULB A60 7W
Life span: 30,000+ Hours
warranty: 2 years
Equivalent watt (w): Incandescent bulb 50W
Voltage (v): 12V DC
Watt (Rated): 7W
Power Factor: 1
Lamp size. (mm): D60XH110
Luminous flux (6000K) (lm): 550-650LM



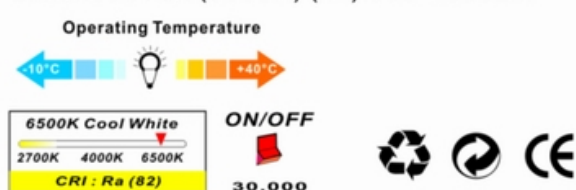
Model: 12V DC 9W

Product name: LED BULB A60 9W
Life span: 30,000+ Hours
warranty: 2 years
Equivalent watt (w): Incandescent bulb 60W
Voltage (v): 12V DC
Watt (Rated): 9W
Power Factor: 1
Lamp size. (mm): D60XH110
Luminous flux (6000K) (lm): 750-850LM



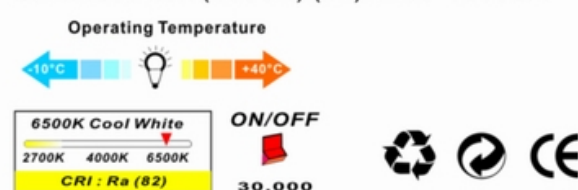
Model: 12V DC 11W

Product name: LED BULB A70 11W
Life span: 30,000+ Hours
warranty: 2 years
Equivalent watt (w): Incandescent bulb 80W
Voltage (v): 12V DC
Watt (Rated): 11W
Power Factor: 1
Lamp size. (mm): D70XH132
Luminous flux (6000K) (lm): 950-1050LM



Model: 12V DC 13W

Product name: LED BULB A80 13W
Life span: 30,000+ Hours
warranty: 2 years
Equivalent watt (w): Incandescent bulb 100W
Voltage (v): 12V DC
Watt (Rated): 13W
Power Factor: 1
Lamp size. (mm): D80XH138
Luminous flux (6000K) (lm): 1100-1200LM



Optical & Physical data

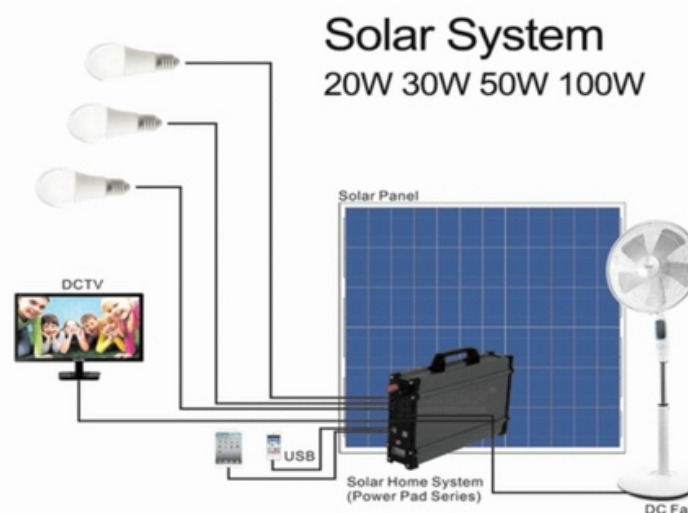
- *Efficacy (Rated) (lm/w): 80-90
- *Color temperature: CW 6000-6500K
- *CRI (Ra): >80
- *Beam angle (°): 270
- *LED type: 2835
- *LED chip brand: SANAN
- *Lamp body material:
Plastic + Aluminum + PC Lens
- *Body Color: White
- *Base type: E27/B22

FEATURES:

- PRE-HEAT INSTALLED
- LOW TEMPERATURE START
- LOW VOLTAGE (9.5V) START
- POLARITY PROTECTION
- ON/OFF TIMES 30.000 TIMES

APPLICATIONS:

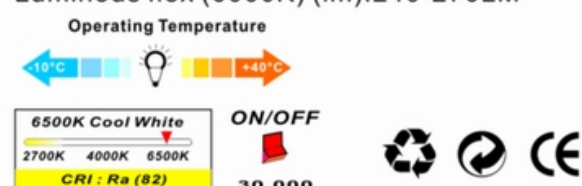
- SOLAR LIGHTING
- DC ILLUMINATION
- EMERGENCY LIGHTING
- HOME DC LIGHTING
- PORTABLE ILLUMINATION
- GARDENS & STREET LIGHTING



24V LED BULB

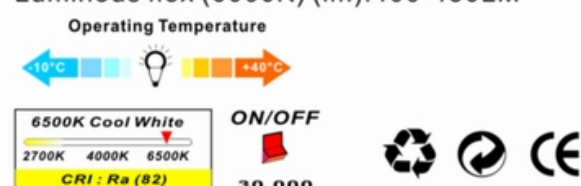
Model:24V DC 3W

Product name:LED BULB G45 3W
Life span:30,000+ Hours
warranty:2years
Equivalent watt (w):Incandescent bulb 20w
Voltage (v):24V DC
Watt (Rated):3W
Power Factor:1
Lamp size. (mm):D45xH80
Luminous flux (6000K) (lm):240-270LM



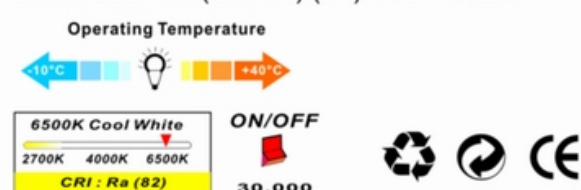
Model:24V DC 5W

Product name:LED BULB G45 5W
Life span:30,000+ Hours
warranty:2years
Equivalent watt (w):Incandescent bulb 35W
Voltage (v):24V DC
Watt (Rated):5W
Power Factor:1
Lamp size. (mm):D60XH110
Luminous flux (6000K) (lm):400-450LM



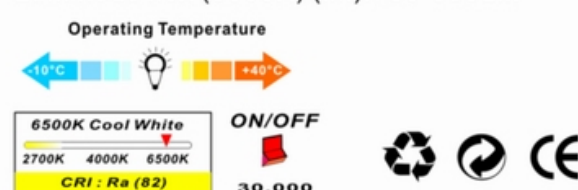
Model:24V DC 7W

Product name:LED BULB A60 7W
Life span:30,000+ Hours
warranty:2years
Equivalent watt (w):Incandescent bulb 50W
Voltage (v):24V DC
Watt (Rated):7W
Power Factor:1
Lamp size. (mm):D60XH110
Luminous flux (6000K) (lm):550-650LM



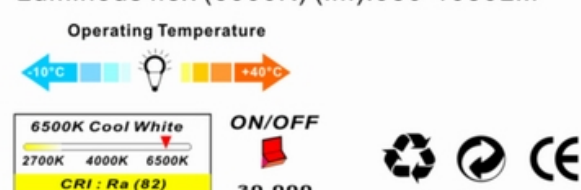
Model:24V DC 9W

Product name:LED BULB A60 9W
Life span:30,000+ Hours
warranty:2years
Equivalent watt (w):Incandescent bulb 60W
Voltage (v):24V DC
Watt (Rated):9W
Power Factor:1
Lamp size. (mm):D60XH110
Luminous flux (6000K) (lm):750-850LM



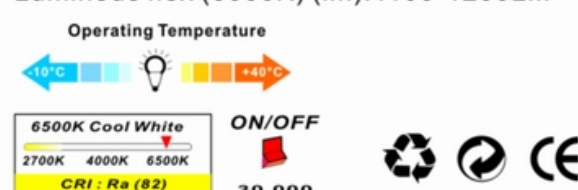
Model:24V DC 11W

Product name:LED BULB A70 11W
Life span:30,000+ Hours
warranty:2years
Equivalent watt (w):Incandescent bulb 80W
Voltage (v):24V DC
Watt (Rated):11W
Power Factor:1
Lamp size. (mm):D70XH132
Luminous flux (6000K) (lm):950-1050LM



Model:24V DC 13W

Product name:LED BULB A80 13W
Life span:30,000+ Hours
warranty:2years
Equivalent watt (w):Incandescent bulb 100W
Voltage (v):24V DC
Watt (Rated):13W
Power Factor:1
Lamp size. (mm):D80XH138
Luminous flux (6000K) (lm):1100-1200LM



Optical & Physical data

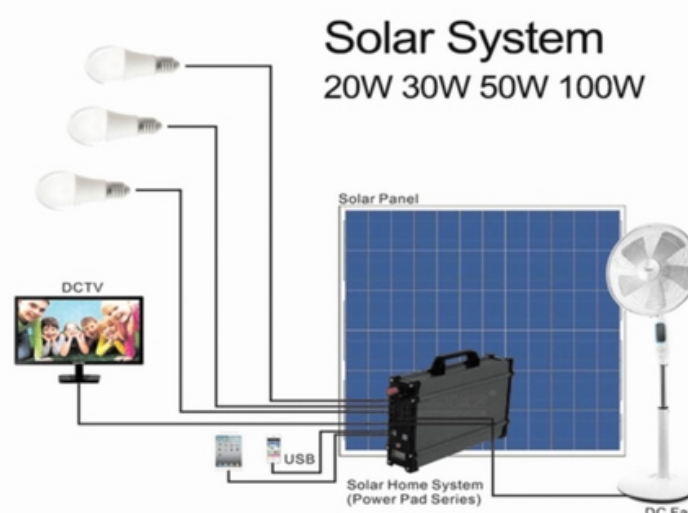
- *Efficacy (Rated) (lm/w): 80-90
- *Color temperature: CW 6000-6500K
- *CRI (Ra): >80
- *Beam angle (°): 270
- *LED type: 2835
- *LED chip brand: SANAN
- *Lamp body material:
Plastic +Aluminum + PC Lens
- *Body Color: White
- *Base type: E27/B22

FEATURES:

- PRE-HEAT INSTALLED
- LOW TEMPERATURE START
- LOW VOLTAGE (18V) START
- POLARITY PROTECTION
- ON/OFF TIMES 30.000 TIMES

APPLICATIONS:

- SOLAR LIGHTING
- DC ILLUMINATION
- EMERGENCY LIGHTING
- HOME DC LIGHTING
- PORTABLE ILLUMINATION
- GARDENS & STREET LIGHTING

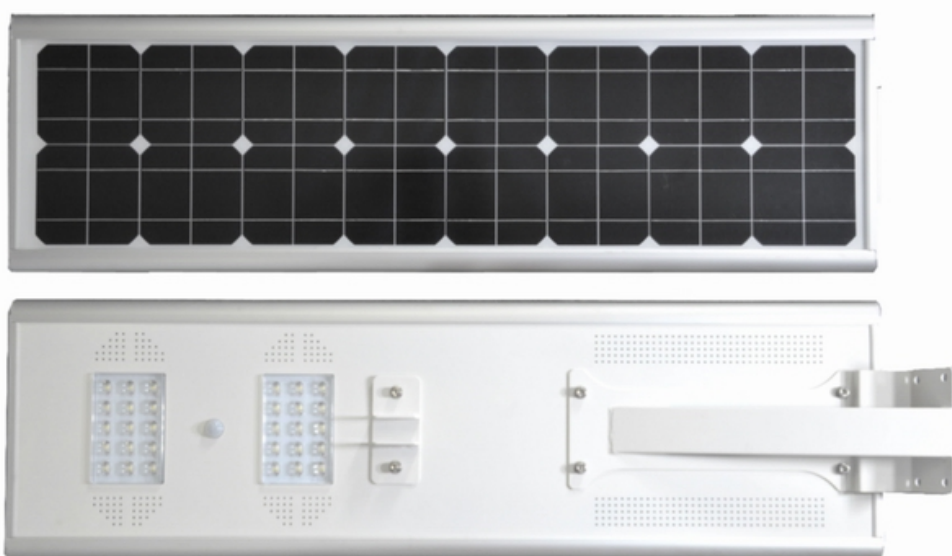


Integrated Solar LED Parking (Street) Light



Packing & Weight	product size	505*325*45mm
	product weight	5.0kg
	packing box	neutral
	Carton size	560*380*200mm
	Q'ty/ctn	1unit/ctn
	GW.for corton	5.5kg
Packs Containers	20GP	900pcs
	40GP	1920pcs

Model: SC-SIL-12W
Solar panel
Max power : 18V20W (high efficiency monocrystalline silicon)
Life time : 25 years
Battery
Type :lithium battery
Life time : 5 years
LED Lamp (with sensor)
Max power : 12V 12W
led chip brand : Bridgelux from USA with high brightness
lumen (LM) : 1500-1800lm
Life time : 50000hours
Viewing Angle : 120°
Charge time by sun : 5-6hours
Discharge time
full power >12hours
Energy Saving Mode >40 hours
working Temperature range(°C)-30°C~+70°C
colour temperature range(k) : 6000k
mounting height range (m) : 3-4m
space between light range (m) : 8-10m
Lamps material of main : aluminium alloy
Certificate : CE / ROHS / IP65
warranty period : 2years



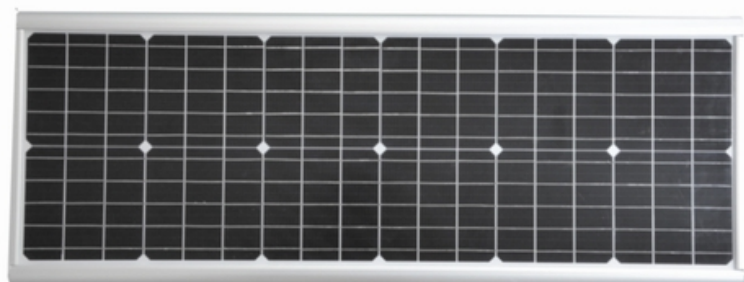
Packing & Weight	product size	1170*330*140mm
	product weight	16kg
	packing size	1210*410*210 mm
	Carton size	1210*410*210 mm
	Q'ty/ctn	1sets/ctn
	GW.for corton	18.5kg
Packs Containers	20' GP	300sets
	40' GP	600sets

Model: SC-SIL-30W
Solar panel
Max power : 18V50W (monocrystalline silicon)
Life time : 25 years
Battery
Type :lithium battery
Life time : 5 years
LED Lamp (with sensor)
Max power : 12V 25W
led chip brand : Bridgelux from USA with high brightness
lumen (LM) : 2500-2750lm
Life time : 50000hours
Viewing Angle : 120°
Charge time by sun : 7 hours (with enough strong shine)
Discharge time
full power >10hours
Energy Saving Mode >20 hours
working Temperature range(°C)-30°C~+70°C
colour temperature range(k) : 6000k
mounting height range (m) : 5-6m
space between light range (m) : 18-20m
Lamps material of main : aluminium alloy
Certificate : CE / ROHS / IP65
warranty period : 2years

Remark:

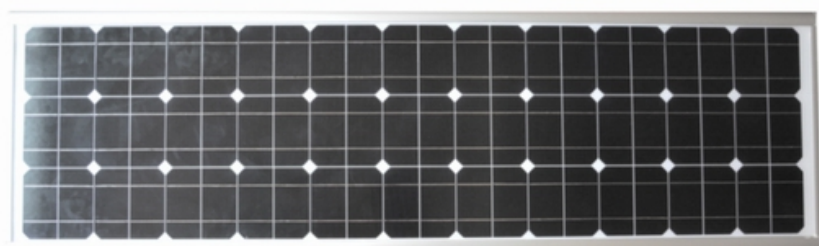
1. Working Mode No. 1: Full night induction mode without person 30% of working power, with person 100% power output;
2. Working Mode No. 2: The first period with 1 hour 30% of power output, second period with 3 hours 100% power output, third period with 8 hours induction mode without person 30% power output, with person 60% power output.
3. With automatic induction function, LED light intelligent power output mode, such as long overcast and rainy days, the system will automatically adjust the lighting power output to realize more energy saving and last working to 7 rainy days.

Integrated Solar LED Parking (Street) Light



Packing & Weight	product size	1136*450*140mm
	product weight	22kg
	packing mode	netural
	Corton size	1190*510*200mm
	Q'ty/ctn	1unit/ctn
	GW.for corton	23kg
Packs Containers	20' GP	300 sets
	40' GP	660sets

Model: SC-SIL-50W
Solar panel
Max power : 18V 80W
Life time : 25 years
Battery
Type :lithium battery(Lithium iron phosphate) 12V/34AH
Life time : 5 years
LED Lamp (with sensor)
Max power : 12V 50W
led chip brand : Bridgelux from USA with high brightness
lumen (LM) : 6000-6500lm
Life time : 50000hours
Viewing Angle : 120°
Charge time by sun : 6 hours (with enough strong shine)
Discharge time
full power >12hours
Energy Saving Mode >24 hours
working Temperature range(°C)-30°C~+70°C
colour temperature range(k) : 6000k
mounting height range (m) : 7-8m
space between light range (m) : 20-25m
Lamps material of main : aluminium alloy
Certificate : CE / ROHS / IP65
warranty period : 2years



Packing & Weight	product size	1480*450*45MM
	product weight	30kg
	packing mode	netural
	Carton size	1510*490*200mm
	Q'ty/ctn	1unit/ctn
	GW.for corton	33kg
Packs Containers	20' GP	280 sets
	40' GP	620sets

Model: SC-SIL-100WH
Solar panel
Max power : 36V 110W (monocrystalline silicon)
Life time : 25 years
Battery
Type :lithium battery 12V/62AH
Life time : 5 years
LED Lamp (with sensor)
Max power : 12V 100W
led chip brand : Bridgelux from USA with high brightness
lumen (LM) : 12000lm
Life time : 50000hours
Viewing Angle : 120°
Charge time by sun : 7 hours (with enough strong shine)
Discharge time
full power >12hours
Energy Saving Mode >60 hours
working Temperature range(°C)-30°C~+70°C
colour temperature range(k) : 6000k
mounting height range (m) : 9-11m
space between light range (m) : 25-30m
Lamps material of main : aluminium alloy
Certificate : CE / ROHS / IP65
warranty period : 2years

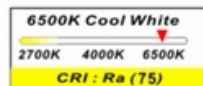
Remark:

1. Working Mode No. 1: Full night induction mode without person 30% of working power, with person 100% power output;
2. Working Mode No. 2: The first period with 1 hour 30% of power output, second period with 3 hours 100% power output, third period with 8 hours induction mode without person 30% power output, with person 60% power output.
3. With automatic induction function, LED light intelligent power output mode, such as long overcast and rainy days, the system will automatically adjust the lighting power output to realize more energy saving and last working to 7 rainy days.

SOLAR LED STREET LIGHT

Model No. SC-L30W-B-12/24V

Rated Voltage: 12V/24V
Rated W. (watts): 30W
Average Lumens(lm): 3000lm
Carton Size(cm): 49x21x12
Qty/Ctn.(pc): 1
G.W.(kg): 6
N.G.(kg): 5



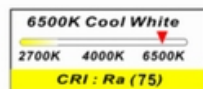
Product Feature

- *LED Luminous Efficiency: >100lm
- *Lamp's Efficiency: >90%
- *working temperature: -35°C-+90°C ; working humidity 10°C-90°C
- *Light Angle : 75°x126°
- *Color Temperature: cool white: >6000K
- *(CRI)Color Rendering Index: Ra>75
- *(T) Junction Temperature: <105°C
- *IP Rating: Ip65
- *Light Body & Lampshade Material : Aluminum Alloy
- *Working Life: >50000 hours
- *Warranty Period: 2 years



Model No. SC-L36W-B-12/24V

Rated Voltage: 12V/24V
Rated W. (watts): 36W
Average Lumens(lm): 3600lm
Carton Size(cm): 49x21x12
Qty/Ctn.(pc): 1
G.W.(kg): 6kgs
N.G.(kg): 5kgs



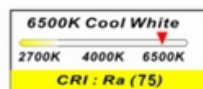
Product Feature

- *LED Luminous Efficiency: >100lm
- *Lamp's Efficiency: >90%
- *working temperature: -35°C-+90°C ; working humidity 10°C-90°C
- *Light Angle : 75°x126°
- *Color Temperature: cool white: >6000K
- *(CRI)Color Rendering Index: Ra>75
- *(T) Junction Temperature: <105°C
- *IP Rating: Ip65
- *Light Body & Lampshade Material : Aluminum Alloy
- *Working Life: >50000 hours
- *Warranty Period: 2 years



Model No. SC-L48W-B-24V

Rated Voltage: 24V
Rated W. (watts): 48W
Average Lumens(lm): 4800lm
Carton Size(cm): 58.5x26.5x12
Qty/Ctn.(pc): 1
G.W.(kg): 7kgs
N.G.(kg): 6kgs



Product Feature

- *LED Luminous Efficiency: >100lm
- *Lamp's Efficiency: >90%
- *working temperature: -35°C-+90°C ; working humidity 10°C-90°C
- *Light Angle : 75°x126°
- *Color Temperature: cool white: >6000K
- *(CRI)Color Rendering Index: Ra>75
- *(T) Junction Temperature: <105°C
- *IP Rating: Ip65
- *Light Body & Lampshade Material : Aluminum Alloy
- *Working Life: >50000 hours
- *Warranty Period: 2 years



Product Application

Solar power, wind power, DC lighting, Miner's lamp(safety lamp), telephone booth lamp, Boat lighting, car, bus, dock illumination, mobile machinery shop, Village, mountain, island, camping, resort direct current lighting, Rechargeable battery illumination, DC generator illumination, Home illumination, solar street lighting, Emergency illumination