

SPECIFICATIONS OF SOLAR STREET LIGHT

AIO

SOLAR STREET LIGHT

MODEL:

BKC



Advantage:

- 1, All in one design-Integrated solar panel, LED, lithium battery, solar charge controller and lamp house into one system, simple and stylish.
- 2, Unique design with patent-Adjustable LED module for more area and wider direction lighting.
- 3, Easy installation-No other power required, no other cables required, easy installation within 5 minutes.
- 4, Patented lens-Light efficiency improved 210-220LM/W, brightness of lamp will be 30-50% brighter than competitors.
- 5, Lithium battery management-LiFePo4 battery with smart BMS to make sure more than 3000-6000 cycles, 8-12 years lifespan design.
- 6, Modular design-All components are modular design and standardized production, very easily replaced if needed.
- 7, Smart controller with smart power-Combine light control system, time control system, motion sensor and remote control system(4G or Lora) perfectly, ensure whole system much brighter, longer lighting time and easy management.

RoHS

CE

TUV

FC

UL





Monocrystalline

- >23% photoelectric conversion efficiency
- 20-25 years lifespan



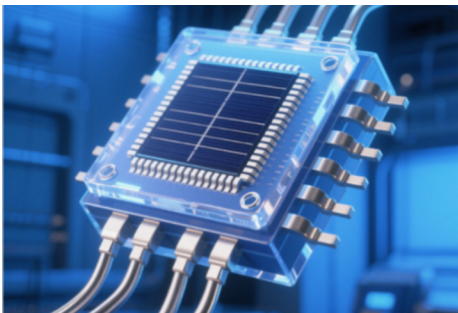
High lumen led chip

- 5050 LED, max 255LM/W
- >100000 hours lifespan
- Ra>= 70 CRI



LiFePO4 Battery

- Top brand and grade A battery cell
- 8-12 years lifespan design
- High and low temperature design



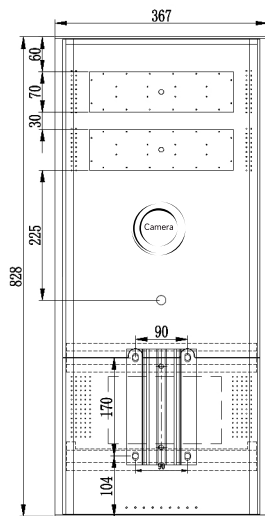
Smart Controller

- Smart solar charge controller with smart power
- Light control, time control and motion sensor
- Remote control management available with 4G or Lora

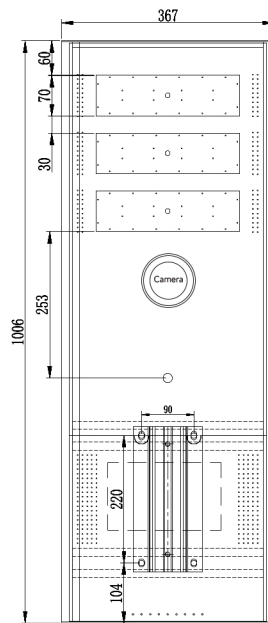


High quality light housing

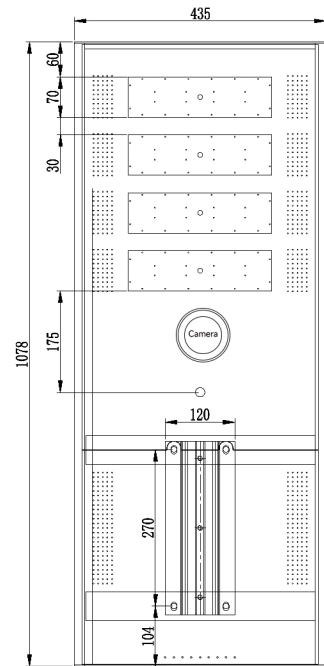
- Solar East unique design with patent
- Strong structure, anti-corrosion



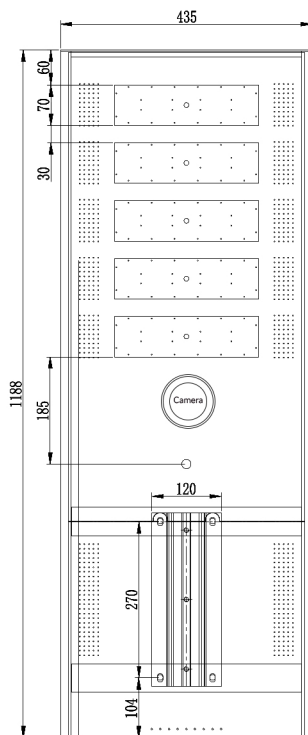
BKC50



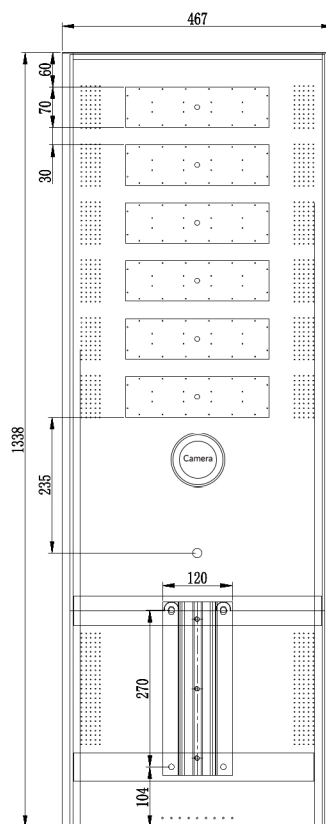
BKC65



BKC80



BKC90



BKC120



BKC120

WIFI/4G Camera

24 hours Monitoring



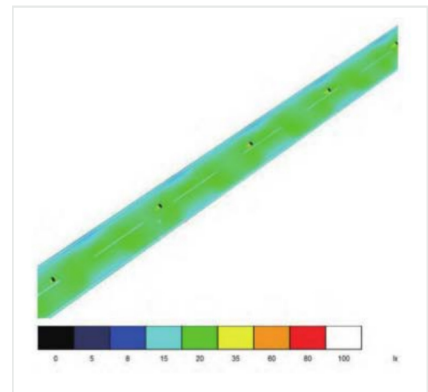
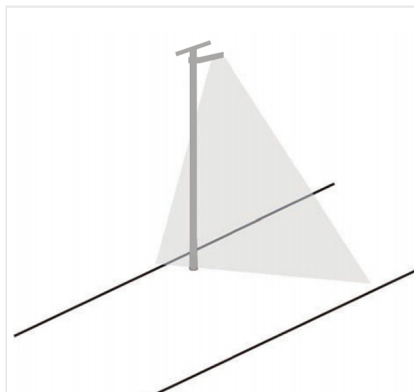
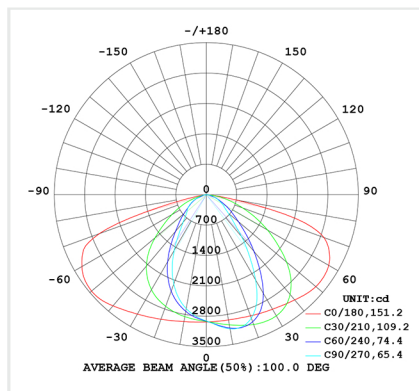
Camera	Sensor Type	1/3" CMOS Sensor
	Minimum illuminance	Color 0.5Lux@F1.2
	Lens	3.6mm, horizontal field of view 80.5°
	Audio	Microphone
Compression standard	Video compression standard	H.264 / MJPEG
Image	Maximum image size	1920*1080
	BLC	Support
Internet function	Storage function	32G TF card (maximum support 128G)
	Intelligent alarm	Motion detection, occlusion alarm, network cable break, IP address conflict
	Wireless function	External wireless WIFI module, support 802.11b/g/n wireless mode; free network cable intelligent configuration
General specification	Working temperature and humidity	-30 ° C ~ 60 ° C, humidity less than 95% (no condensation)
	Power supply	DC12V 0.42A ±25%
	Power consumption	5W MAX
	Waterproof grade	IP66
	Size (mm)	100MM*85MM
	Wight	500g
	Infrared illumination distance	15m

Parameters:

Model NO.	BKC50	BKC65	BKC80	BKC90	BKC120
Luminous Flux	2700LM	3600LM	5400LM	7200LM	10800LM
Solar Panel	50W/6V	65W/6V	80W/6V	90W/6V	120W/18V
Lithium Battery	160WH/3.2V	192WH/3.2V	256WH/3.2V	320WH/3.2V	480WH/3.2V
LED Quantity	30pcs*2	30pcs*3	30pcs*4	30pcs*5	30pcs*6
Output efficiency	>180LM/W				
CCT	3000-6500K				
CRI	>70 Ra				
Charge Time	4-6 hours				
Working Time	3-4 rainy days				
Working Temperature	(-) 20°C~60°C				
Lifespan	>50000 hours				
Materials	Die-casting aluminum				
IP Rating	IP65				
Mounting height	5-10m				
Mounting distance	15-35m				

Lighting Distribution

Bat wing lens with polarized light



Package specification:

Type	Parts	Box size(L*W*H)	Net Weight	Gross Weight	Volume Weight	20GP	40GP
BKC50	Lamp body	880*425*115mm	6.9kg	7.8kg	9.4kg	533sets	1199sets
	Adaptor	220*205*90mm	0.8Kg	1.2kg			
BKC65	Lamp body	1050*425*115mm	7.8kg	8.9kg	11.3kg	447sets	1005sets
	Adaptor	260*205*90mm	1kg	1.4kg			
BKC80	Lamp body	1130*490*115mm	9.6kg	10.9kg	13.9kg	360sets	811sets
	Adaptor	315*205*90mm	1.2kg	1.6kg			
BKC90	Lamp body	1240*490*115mm	11.5kg	12.8kg	15.2kg	330sets	742sets
	Adaptor	315*205*90mm	1.2kg	1.6kg			
BKC120	Lamp body	150.5*47.5*13mm	14kg	15kg	20.2kg	248sets	557sets
	Adaptor	36.5*22*10mm	2.2kg	2.4kg			

One light separately packed in two cartons.

Applications:

Widely used in Rural road, Courtyard, Villa, Park, Square, Farm, School, Factory, Slow lane etc...the places where need outdoor lighting and have enough sunshine.

