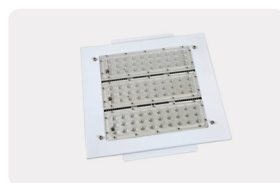




LED

OUTDOOR LIGHTING PRODUCTS

SHANDONG WEISHI LIGHTING TECHNOLOGY CO.,LTD.



WEISHI LIGHTING



Professional LED Street Light Manufacturer Since 2007

Company Introduction

2

LED Street Light

4



LED Flood Light

16

LED Canopy Light

20



ALL in One LED Solar Street Light

22



LED Solar Street Light

26



Company profile

Shandong Weishi Lighting Technology Company Limited, was established in 2008 with capital investment of CNY ¥75 Million. It is located in Qingzhou City, Shandong Province, 230km away from Qingdao Port. Weishi has over 100 employees; offices and factory area of 50,000m². We are specialized in various outdoor LED lighting, including LED street lights, solar/wind LED lighting system, LED floodlights, landscape lighting and etc. We had accomplished ISO9001 and ISO14001 management certificates in 2010; and all of our products are produced complying with CE standards.



Enterprise certification



Enterprise honor



LED STREET LIGHT

WSST11 Series



FEATURES

Product Series



WSST11-180



WSST11-150



WSST11-90



WSST11-120

Heat Management



Modules and back board made with air flow design, reduce the lamp's working temperature



back board avoid dust and snow accumulation in the heat sinks



High heat conduction grade aluminum PCB, faster initial heat conduction

Heat Sink



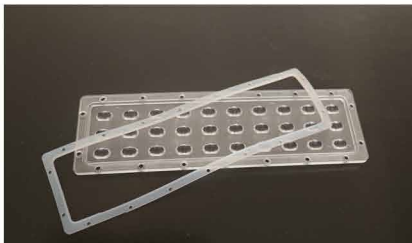
High purified extrusion aluminum heat sink, extra sufficient materials

Modular design with extra cutting section, larger surface for heat conducting



Heat sink designed with curve, more advanced heat conduction performance

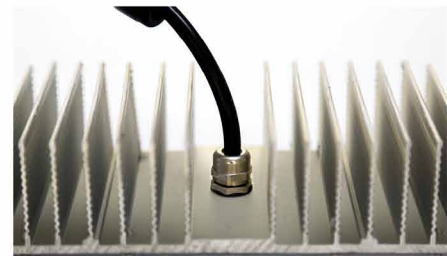
Waterproof



Waterproof Silicon Rings



Waterproof Power Supplies



Waterproof Stainless Steel 304 Fastening Pieces



Waterproof Connectors

All electrical parts are connected with CE approved sheathed cable and watertight connectors, easy connection and waterproof

Light Source

Adopt high power large chip Bridgelux LEDs as light source, high reliability in outdoor application



Other Light Source Options



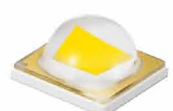
BRIDGELUX



CREE



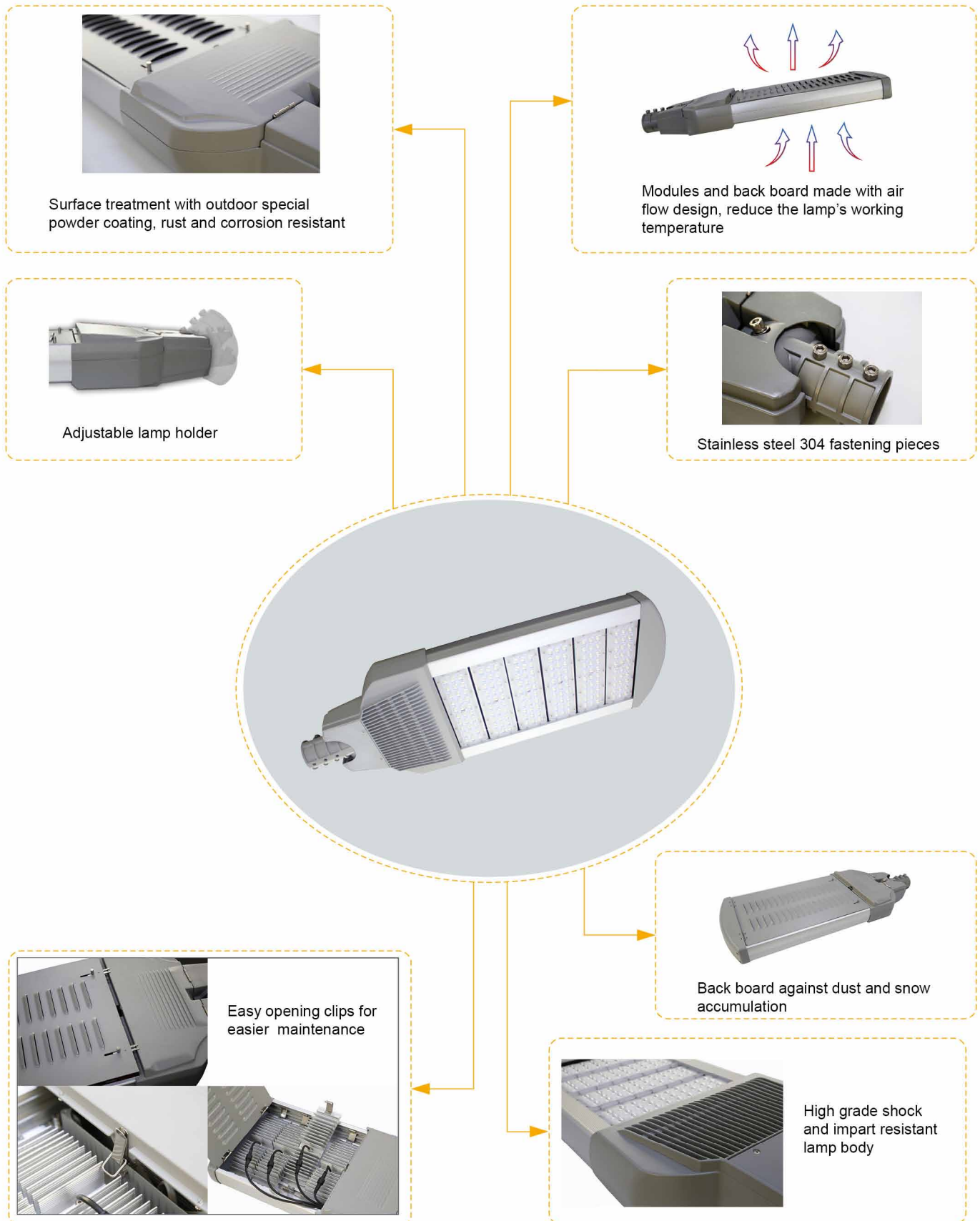
LUMILEDS



SAMSUNG

- ⊙ 45mil Chips
- ⊙ 140lm/W
- ⊙ CRI > 70Ra(80-95Ra available)
- ⊙ 50,000h life
- ⊙ Wide colour temperature options
- ⊙ Low colour shifting and low light decay

Advanced Fixture Design



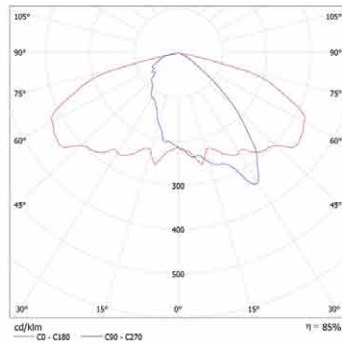
Specifications

Model No.	WSST11-60	WSST11-90	WSST11-120	WSST11-150	WSST11-180	WSST11-210
Fixture Module Qty	3 modules	3 modules	4 modules	5 modules	6 modules	7 modules
Rated Power	60W	90W	120W	150W	180W	210W
LED Qty	60pcs	90pcs	120pcs	150pcs	180pcs	210pcs
Net Weight	9kg	9.5kg	10.2kg	10.7kg	11.4kg	12.5kg
Product Dimension(mm)	697*350*115	697*350*115	782*350*115	867*350*115	952*350*115	1037*350*115
Packaging Dimension(mm)	767*420*185	767*420*185	852*420*185	937*420*185	1022*420*185	1107*420*185
HPS Replacement	120W/150W	150W/180W	250W/400W	250W/400W	400W/600W	500W/700W
Recommended Installation Height	6-10m	7-12m	9-14m	10-14m	11-15m	
Input Voltage	90-265V AC					
Light Source	Bridgelux High Power LEDs					
Optional Light Source	CREE/Lumileds/Samsung 24 or 30pcs/module					
Light Source Efficiency	130-140lm/W					
Colour Temperature	White:6000K Neutral White: 4500K Warm White: 3000K					
CRI	>70Ra					
Power Supply Efficiency	88%					
Power Factor	>0.9 at full load					
Total Harmonic Distortion	<20% at full load					
Fixture Efficiency	95-105lm/W					
Life of LEDs	50,000h					
Control Options	☉ Automatic Time Dimming(6 Time Phase) ☉ Photocell ☉ Intellectual Control System					
Lens Materials	PC					
Lamp Materials	Aluminum					
Working Temperature	-30°C – 50°C					
Working Humidity	10%-90%					
Installation	Side Bracket Installation (40-60mm)					
Protection Grade	IP66					

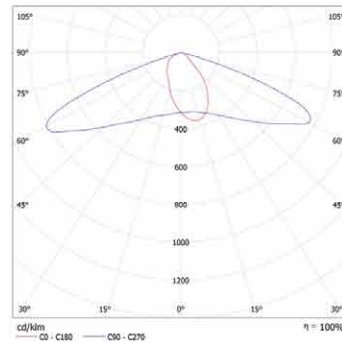
WSST11 Series Light Distribution



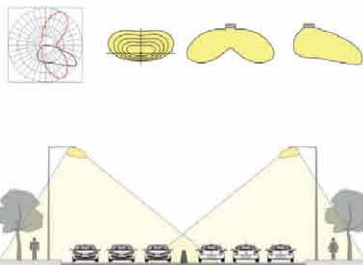
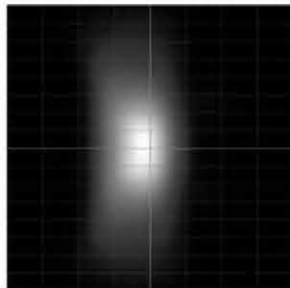
TYPE II Light Distribution



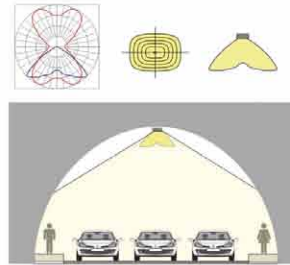
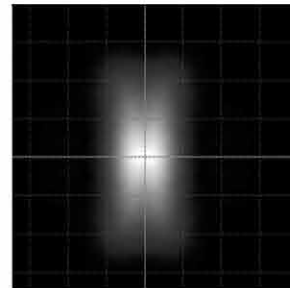
TYPE I Light Distribution



Vertical 60° Horizontal 140°
15° polarized



Vertical 87° Horizontal 134°



LED STREET LIGHT

WSST 09 Series



FEATURES



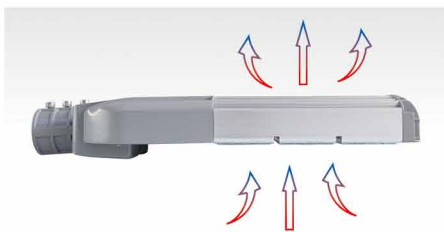
Compact Design

- ⊙ Great structure with slim and compact design
- ⊙ Fine surface treatment
- ⊙ Anti-aging powder coating
- ⊙ High shock and impact resistant



Heat Sink

- ⊙ High purified aluminum heat sink
- ⊙ Extra sufficient materials
- ⊙ Advanced heat conduction
- ⊙ Providing long life of the LEDs



Air Flow

- ⊙ Grooves between each module to create air flow
- ⊙ Reduce the working temperature of the lamp



High Efficient Optical lens

- ⊙ Integrated street light lens creating professional bat wing street light beam
- ⊙ Top grade PC materials, high UV protection, anti-shock and non-glare design



Adjustable Lamp Holder

- ⊙ Lamp holder is multi-angle adjustable
- ⊙ Suitable for various street requirements

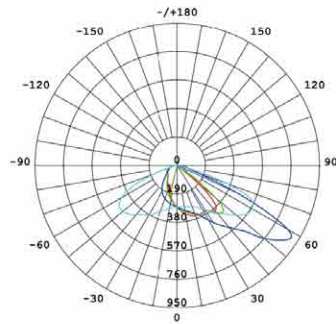
Specifications

Model No.	WSST09-60	WSST09-90	WSST09-120	WSST09-150	WSST09-180
Fixture Module Qty	2 Modules	3 Modules	4 Modules	5 Modules	6 Modules
Rated Power	60W	90W	120W	150W	180W
LED Qty	60pcs	90pcs	120pcs	150pcs	180pcs
Net Weight	7.5kg	8.6kg	9.8kg	11kg	12.5kg
Product Dimension(mm)	532*280*70	620*280*70	708*280*70	796*280*70	884*280*70
Packaging Dimension(mm)	602*350*140	690*350*140	778*350*140	866*350*140	954*350*140
HPS Replacement	120W/150W	150W/180W	250W/400W	250W/400W	400W/600W
Recommended Installation Height	6-10m	7-12m	9-14m	10-14m	10-14m
Optional Power Range	60-100W	80-150W	120-180W	150-225W	180-270W
Input Voltage	90-265V AC				
Light Source	Bridgelux High Power LEDs				
Optional Light Source	CREE/Lumileds/Samsung 24 or 30pcs/module				
Light Source Efficiency	130-140lm/W				
Colour Temperature	White:6000K Neutral White: 4500K Warm White: 3000K				
CRI	>70Ra				
Power Supply Efficiency	88%				
Power Factor	>0.9 at full load				
Total Harmonic Distortion	<20% at full load				
Fixture Efficiency	95-110lm/W				
Life of LEDs	50,000h				
Beam Angle	Vertical 75° Horizontal 150° 20° polarized / Vertical 80° Horizontal 140°				
Control Options	<ul style="list-style-type: none"> ☉ Automatic Time Dimming(6 Time Phase) ☉ Photocell ☉ Intellectual Control System 				
Lens Materials	PC				
Lamp Materials	Aluminum				
Working Temperature	-30°C – 50°C				
Working Humidity	10%-90%				
Installation	Side Bracket Installation (40-60mm)				
Protection Grade	IP66				
Certificates	CE/RoHs				
Factory Standard	ISO9001 ISO14001				

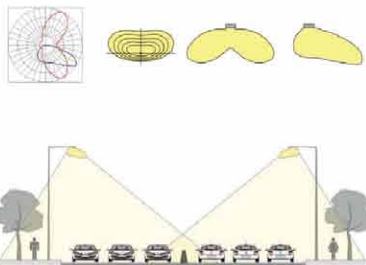
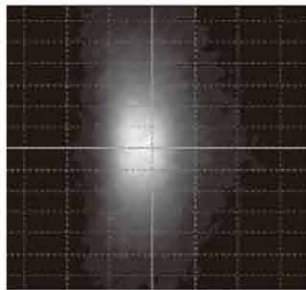
WSST09 Series Light Distribution



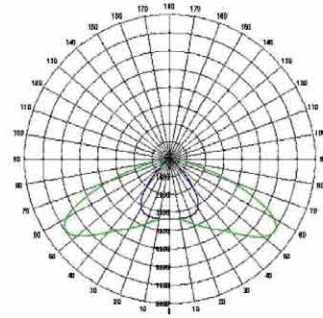
TYPE II Light Distribution



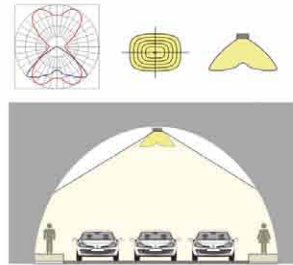
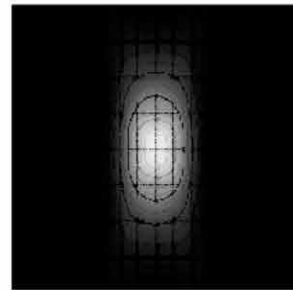
Vertical 75° Horizontal 150°
20° polarized.



TYPE I Light Distribution



Vertical 80° Horizontal 140°



LED STREET LIGHT



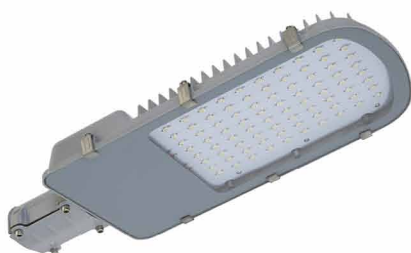
WSST02

Model Series	WSST02 Series		
Power	20W	30W	40W
LED Qty	20pcs	30pcs	40pcs
Weight	2.7kg	3.5kg	4.3kg
Product Dimensions	380*195*60mm	460*195*60mm	540*195*60mm
Light Source	Bridgelux/Epistar High Power LEDs		
Light Source Efficiency	130-140lm/W		
Beam Angle	Horizontal 140° Vertical 90°		
Materials	Aluminum and PC Lens		
Installation Diameter	Φ40mm		
Protection Grade	IP65		



WSST03

Model Series	WSST03 Series		
Power	20W	30W	40W
LED Qty	20pcs	30pcs	40pcs
Weight	3.8kg		
Product Dimensions	398*200*75mm		
Light Source	Bridgelux/Epistar High Power LEDs		
Light Source Efficiency	130-140lm/W		
Beam Angle	120°		
Materials	Die Cast Aluminum and Tempered Glass		
Installation Diameter	Φ40mm		
Protection Grade	IP65		



WSST04

Model Series	WSST04 Series			
Power	30w	40w	60w	80w
LED Qty	30pcs	40pcs	60pcs	80pcs
Weight	3.9kg		5.2kg	
Product Dimensions	500*210*60mm		590*255*90mm	
Light Source	Bridgelux/Epistar High Power LEDs			
Light Source Efficiency	130-140lm/W			
Beam Angle	Horizontal 120° Vertical 65°			
Materials	Die Cast Aluminum and Tempered Glass			
Installation Diameter	Φ40-60mm			
Protection Grade	IP65			

Product Series



WSST05

Model Series	WSST05 Series		
Power	50W	100W	120W
LED Qty	1pc	2pcs	3pcs
Weight	3.2kg	6.5kg	6.8kg
Product Dimensions	525*215*95mm	780*310*95mm	780*310*95mm
Light Source	Integrated High Power LEDs(Bridgelux/Epistar Chips)		
Light Source Efficiency	120-130lm/W		
Beam Angle	Horizontal 140° Vertical 80°		
Materials	Die Cast Aluminum and Glass Lens		
Installation Diameter	Φ40-60mm		
Protection Grade	IP65		



WSST06

Model Series	WSST06 Series		
Power	20W	30W	40W
LED Qty	1pc		
Weight	2kg	2.9kg	
Product Dimensions	460*200*100mm	545*225*100mm	
Light Source	Integrated High Power LEDs(Bridgelux/Epistar Chips)		
Light Source Efficiency	120-130lm/W		
Beam Angle	120°		
Materials	Die Cast Aluminum and Tempered Glass		
Installation Diameter	Φ40-60mm		
Protection Grade	IP65		



WSST07

Model Series	WSST07 Series	
Power	50-80W	100-160W
LED Qty	1pc	2pc
Weight	6kg	7.7kg
Product Dimensions	650*250*100mm	800*290*130mm
Light Source	Integrated High Power LEDs(Bridgelux/Epistar Chips)	
Light Source Efficiency	120-130lm/W	
Beam Angle	Horizontal 140° Vertical 80°	
Materials	Die Cast Aluminum and Glass Lens	
Installation Diameter	Φ40-60mm	
Protection Grade	IP65	

Product Series



WSST08

Model Series	WSST08 Series					
Power	60W	90W	120W	150W	180W	210W
LED Qty	60pcs	90pcs	120pcs	150pcs	180pcs	210pcs
Weight	5.3kg	6.3kg	7.3kg	8.3kg	9.3kg	10.3kg
Product Dimensions	525/605/685/745/825/905*350*105mm					
Light Source	Bridgelux/Epistar High Power LEDs					
Light Source Efficiency	130-140lm/W					
Beam Angle	Horizontal 145° Vertical 75°					
Materials	Aluminum and PC Lens					
Installation Diameter	Φ40-60mm					
Protection Grade	IP65					



WSST10

Model Series	WSST10 Series					
Power	30w	40W	50W	60W	70W	80W
LED Qty	30pcs	40pcs	50pcs	60pcs	70pcs	80pcs
Weight	3.8kg	4.2kg	5kg	5.8kg	6.6kg	7.5kg
Product Dimensions	345/408/468/528/588/648*220*75mm					
Light Source	Bridgelux/Epistar High Power LEDs					
Light Source Efficiency	130-140lm/W					
Beam Angle	120°					
Materials	Aluminum and Tempered Glass					
Installation Diameter	Φ40/Φ50/Φ60mm					
Protection Grade	IP65					



WSST12

Model Series	WSST12 Series				
Power	60W	90W	120W	150W	180W
LED Qty	60pcs	90pcs	120pcs	150pcs	180pcs
Weight	4.6kg	5.5kg	6.5kg	7.5kg	8.5kg
Product Dimensions	437/526/615/704/793*280*115mm				
Light Source	Bridgelux/Epistar High Power LEDs				
Light Source Efficiency	130-140lm/W				
Beam Angle	Horizontal 140° Vertical 80°				
Materials	Aluminum and PC Lens				
Installation Diameter	Φ40-60mm				
Protection Grade	IP65				

Product Series



WSST13

Model Series	WSST13 Series				
Power	60W	90W	120W	150W	180W
LED Qty	60pcs	90pcs	120pcs	150pcs	180pcs
Weight	5.7kg	6.64kg	7.6kg	8.8kg	9.7kg
Product Dimensions	580/670/770/870/970*310*75mm				
Light Source	Bridgelux/Epistar High Power LEDs				
Light Source Efficiency	130-140lm/W				
Materials	Aluminum and PC Lens				
Installation Diameter	Φ40-60mm				
Beam Angle	Horizontal 140° Vertical 80°				
Protection Grade	IP65				



WSST14

Model Series	WSST14 Series				
Power	60W	90W	120W	150W	180W
LED Qty	60pcs	90pcs	120pcs	150pcs	180pcs
Weight	5.7kg	6.6kg	7.6kg	8.8kg	9.7kg
Product Dimensions	496/579/663/746/830*360*105mm				
Light Source	Bridgelux High Power LEDs				
Materials	Aluminum and PC Lens				
Installation Diameter	Φ40-60mm				
Beam Angle	Horizontal 145° Vertical 75°				
Protection Grade	IP65				



WSST15

Model Series	WSST15 Series						
Power	60W	90W	120W	150W	180W	210W	240W
LED Qty(COB)	2pcs	3pcs	4pcs	5pcs	6pcs	7pcs	8pcs
LED Qty(High Power)	60pcs	90pcs	120pcs	150pcs	180pcs	210pcs	240pcs
Weight	6.4kg	7.4kg	8.4kg	9.6kg	10.6kg	11.6kg	12.6kg
Product Dimensions	523/605/695/785/875/965/1055*305*95mm						
Light Source	Bridgelux High Power LEDs/Integrated High Power LEDs						
Materials	Fixtures: Aluminum; Lens: PC for high power LED light source Glass for COB light source						
Installation Diameter	Φ40-60mm						
Beam Angle	Horizontal 140° Vertical 80°						
Protection Grade	IP65						

Product Series



WSST16

Model Series	WSST16 Series				
Power	60W	90W	120W	150W	180W
LED Qty(COB)	2pcs	3pcs	4pcs	5pcs	6pcs
LED Qty(High Power)	60pcs	90pcs	120pcs	150pcs	180pcs
Weight	5.6kg	6.6kg	7.5kg	8kg	9kg
Product Dimensions	492/585/710/830/955*310*70mm				
Light Source	Bridgelux High Power LEDs/Integrated High Power LEDs				
Light Source Efficiency	130~140lm/W				
Beam Angle	Horizontal 140° Vertical 80°				
Materials	Fixtures: Aluminum; Lens: PC for high power LED light source Glass for COB light source				
Installation Diameter	Φ40-60mm				
Protection Grade	IP65				



WSST17

Model Series	WSST17Series		
Power	30W	60W	90W
LED Qty	30pcs	60pcs	90pcs
Weight	2.5kg	4kg	7kg
Product Dimensions	320*160*40mm	421*193*60mm	570*260*60mm
Light Source	Lumileds High Power LEDs		
Beam Angle	Horizontal 120° Vertical 60°		
Materials	Die Cast Aluminum and Tempered Glass		
Installation Diameter	Φ40-60mm		
Protection Grade	IP65		



WSST18

Model Series	WSST18 Series		
Power	60W	90W	120W
LED Qty	60pcs	90pcs	120pcs
Weight	3.7kg	4.3kg	5.2kg
Product Dimensions	393*263*71mm	393*263*71mm	543*263*71mm
Light Source	Lumileds High Power LEDs		
Beam Angle	Horizontal 120° Vertical 60° / Horizontal 110° Vertical 70°		
Materials	Aluminum and PC Lens		
Installation Diameter	Φ40-60mm		
Protection Grade	IP65		

Customised Styles



LED FLOOD LIGHT

Modular Series



WSFL09 Series

FEATURES



© Smart and compact design with fine surface treatment



© High purified aluminum heat sink with sufficient material and high heat conducting structure



© All connections with IP67 waterproof and easy connecting cables; High standard cables, anti UV and corrosion



© 180° lamp holder adjustable, convenient for all application purposes



© High standard waterproof power supplies

Specifications

	Module Qty	Rated Power	Optional Power Range	Light Source	LED Qty	Product Dimensions	Weight	Input Voltage
WSFL09 Series	2pcs	60W	60-90W	Bridgelux/ CREE/ Lumileds/ sumsong High Power LEDs	60/48pcs	216*280*230mm	4.37kg	Input Voltage: 85-265V AC Colour Temperature: White:6000-6500K Neutral White: 4000-4500K Warm White: 2900-3200K Power Supply Efficiency: >88%
	3ocs	90W	90-130W		90/72pcs	281*280*230mm	5.7kg	
	4pcs	120W	120-180W		120/96pcs	374*280*230mm	7.2kg	
	5pcs	150W	150-220W		150/120pcs	457*280*230mm	8.8kg	
	6pcs	180W	180-270W		180/144pcs	550*280*230mm	10kg	

-Module structure and extra sufficient high standard aluminum heat sink design to provide larger heat conductive surface for better heat conduction. Provide lower junction temperature for the light source for lower light decay and longer life of the fixture.

-Integrated optical lens to create more elegant appearance, with advanced silicon sealing strip for waterproof; made with high standard PC materials, shock and impact resistant. High light transmission and professional optical distribution

-Lamp holder angle can be adjusted to suit for different pole style

-Adopt high power LED which has higher efficiency as its light source to create higher brightness

-Two light distribution types can be provided for wider usage purposes.

-Adopt Taiwan Meanwell or the same standard power supplies to provide longer life span of the lamp

Product Range

Silver Color Models



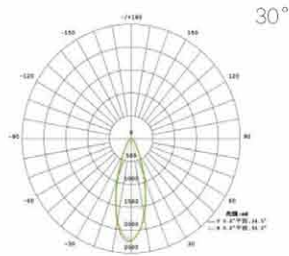
Black Color Models



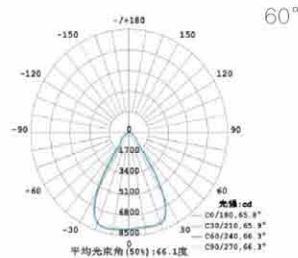
WSFL09 Series Light Distribution



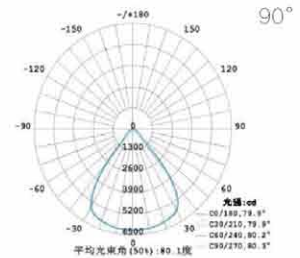
TYPE V Light Distribution
Architecture, Landscape



TYPE V Light Distribution
Architecture, Landscape



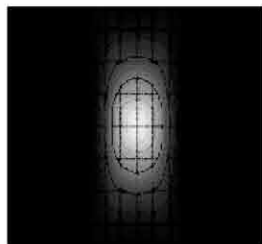
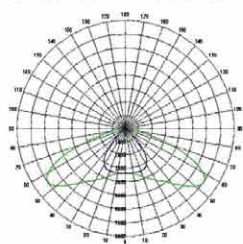
TYPE V Light Distribution
Architecture, Landscape



TYPE I Light Distribution

Tunnel Light, Factory, Area, Patrol Station

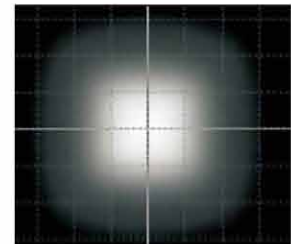
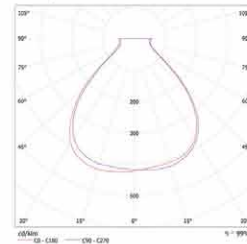
Vertical 80° Horizontal 140°



TYPE VS Light Distribution

Factory, Petrol Station, Carparks, Squares Area Lighting

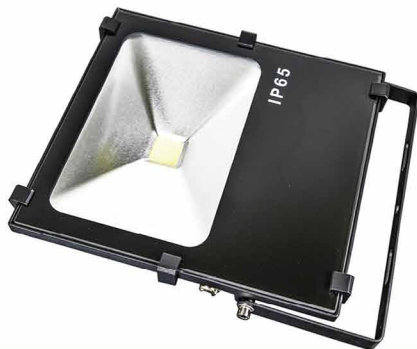
Square 90° × 90°



LED FLOOD LIGHT COB Series



FEATURES



© Elegant new design



© Compact and smart appearance



© Sufficient heat sink materials with fine surface treatment for good heat management

Advantages

- Smart, compact and balanced new design, with fine features
- Advanced heat management structure. Using sufficient aluminum materials, higher aluminum fin density with larger heat dispersion surface.
- Adopt Bridgelux/Epistar high efficiency integrated high power LEDs as light source for a long life span and light performance.
- Driver compartment built-in. High efficiency IP67 waterproof power supplies use internally for great weather protection.
- Surface is treated with high pressure ultra micro powder electrostatic spray for a better looking and highly anti-corrosion.
- 120°beam for a wider illuminating area, great for park, porch, garden, architecture and landscape applications.

Specifications

Model	Rated Power	Light Source	LED Qty	Product Dimensions	Weight	Input Voltage
COB Series	10W	Bridgelux/Epistar COB Light Source	1pc	130*110*50mm	1kg	Input Voltage: 85-265V AC Colour Temperature: White:6000-6500K Neutural White: 4000-4500K Warm White: 2900-3200K Power Supply Efficiency: >88% Beam Angle: 120° Protection Grade: IP65 Materials: Die Cast Aluminum and Tempered Glass
	20W		1pc	170*150*55mm	1.4kg	
	30W		1pc	210*190*60mm	2.1kg	
	50W		1pc	250*230*70mm	2.9kg	
	80W		2pcs	286*265*85mm	4.2kg	
	100W		3pcs	325*300*100mm	6kg	
	120W		3pcs	325*300*100mm	6.5kg	
	150W		3pcs	325*300*100mm	6.8kg	
	180W		4pcs	380*360*110mm	11.5kg	
	200W		4pcs	380*360*110mm	10kg	

Product Series



LED CANOPY LIGHT

Light Models



WSCP-2



WSCP-3



WSCP-4



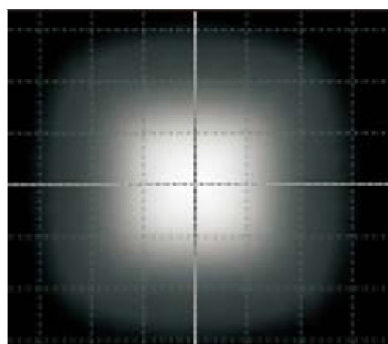
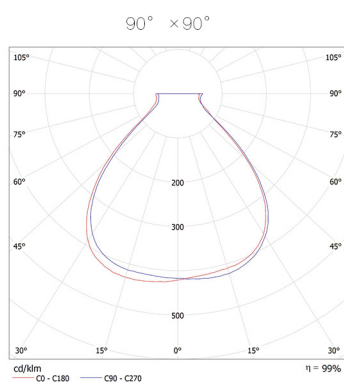
WSCP-5



Specifications

Model No.	WSCP-2	WSCP-3	WSCP-4	WSCP-5
Fixture Module Qty	2 Modules	3 Modules	4 Modules	5 Modules
Rated Power	60W	90W	120W	150W
LED Qty	60pcs	90pcs	120pcs	150pcs
Net Weight	5.2kg	6.2kg	7.5kg	9kg
Product Dimension(mm)	350*229*65	350*311*65	350*393*65	350*475*65
HPS Replacement	120W/150W	150W/180W	250W/400W	250W/400W
Optional Power Range	50-70w	70-100w	100-130w	130-170w
Input Voltage	90-265V AC			
Light Source	Bridgelux High Power LEDs			
Optional Light Source	CREE/Lumileds/Samsung 24 or 30pcs/module			
Light Source Efficiency	130-140lm/W or 150-160lm/W			
Colour Temperature	White: 6000K Neutral White: 4500K Warm White: 3000K			
CRI	>70Ra			
Power Supply Efficiency	88%			
Power Factor	>0.9 at full load			
Total Harmonic Distortion	<20% at full load			
Fixture Efficiency	95-110lm/W			
Life of LEDs	50,000h			
Beam Angle	90°			
Lens Materials	PC			
Lamp Materials	Aluminum			
Working Temperature	-30°C – 50°C			
Working Humidity	10%-90%			
Installation	Recessed Installation			
Protection Grade	IP65			
Factory Standard	ISO9001 ISO14001			

Light Distribution Diagram



All-in-One LED Solar Street Light

Product Introduction

All-in-one LED solar street light is a new generation solar street lighting which integrate all parts into one fixture to provide easy, flexible and convenient installation and application. The lamp design is smart and compact, adopts the highest standard components for the best performance, designed operation life is 5-10 years.



Product Features

LiFePo4 Lithium Battery

- ⊙ Advanced performance
- ⊙ Life cycle >2000 times, long operation life



Solar Panel

- ⊙ Monocrystalline solar panel
- ⊙ High charging efficiency



High Brightness Light Source

- ⊙ US Bridgelux chips Light Source
- ⊙ Luminous output up to 130lm/W
- ⊙ CRI>70

Product Features



IP 65 Motion Sensor

- ⊙ Greatly help for energy saving
- ⊙ Better outdoor protection
- ⊙ High shock and impact resistant



Indicator Light

- ⊙ Show the lamp's working condition
- ⊙ Can be easily seen underneath the lamp after installation



Solar System Controller

- ⊙ Chinese top brand with high reliability
- ⊙ IP67 waterproof
- ⊙ 96% high charging efficiency
- ⊙ Intellectual functions with multi time dimming



Upgraded Aluminum Frame

- ⊙ More heat conducting surface for an advanced heat management
- ⊙ Elegant design with great surface treatment



Stainless Steel 304 Switch

- ⊙ Save power during shipping and storage
- ⊙ IP65 rating for outdoor

Product Series

Model No.	Light Source	Solar Panel	Battery	Dimension(mm)	Motion Sensor
WSSS08	8W	15W	6Ah 12.8V	480*305*90	√
WSSS12	12W	18W	6Ah 12.8V		√
WSSS15	15W	30W	9Ah 12.8V	607*305*140	√
WSSS20	20W	40W	18Ah 12.8V	900*305*140	√
WSSS25	25W	50W	21Ah 12.8V	1130*305*140	√
WSSS30	30W	60W	24Ah 12.8V		√
WSSS40	40W	60W	30Ah 12.8V		√
WSSS50	50W	70W	36Ah 12.8V	1360*365*140	√
WSSS60	60W	80W	42Ah 12.8V		√



Product Specifications

LED Lamp Specifications	
Light Source	Bridgelux LEDs
Light Source Efficiency	120-130lm/W
CCT	White:6000-6500K Neutral White: 4000-4500K Warm White: 2900-3200K
Life Span	50,000h
CRI	>70Ra
Beam Angle	65°x120°

Solar Panel Specifications	
Type	Monocrystalline Silicon
Efficiency	19-20%
Life Span	25 years

Battery Specifications	
Type	Lithium Battery Pack(LiFePo4)
Voltage	12.8V
Cycle Times	>2000 times

Working Mode	
Charge Time	7-10h(with efficient sunlight)
Working Time	Full Capacity: ≥10 hours
	Power Saving Mode: ≥20 hours
Movement Sensor	Yes, sensing distance: 6-12m
Light Sensor Function	Yes
Autonomy	3-5 days
Working Time: The lamp automatically turn on after sunset, and off when sunrise.	
Default Working Mode: During working time, when there are movements detected, the lamp switches to 100% capacity, when movements gone, the lamp turns to 25% capacity to save power.	
Alternative Working Mode: during the working time, the first few hours on full capacity, the rest time on power saving mode; full capacity and power saving mode's working time can be adjusted based on customers' requirements.	

Environment Temperature	
Charge	0°C - 45°C
Discharge	-20°C - 60°C
Storage	0°C - 45°C

Fixture Information	
Main Materials	Aluminum
Protection Grade	IP65

Packaging
1pc/carton Cartons with 5mm thick cardboard and inner foam protection. All cartons are packed with cling wrap for humidity and rain protection. Heavy duty strapping tape and wooden tray are used for safe loading and unloading. Our professional packaging can withstand both harsh long distance road delivery and sea shipping.

QC Process

1 — Battery Test

Fully charge and discharge the battery to test the quality and capacity of the battery

2 — Assembling

3 — Lighting Test

Lighting on for over 5 hours to test the working condition of the light, battery, controller, indicator light and the sensor

4 — Charging Test

Chare the lamp during daytime to check the working condition of the controller, indicator light, and the solar panel

5 — Final Product Check and Packaging

Make sure the products with standard appearance and assembling. Carefully wrap with protection foem, and packed with international shipping standard.



SOLAR LED STREET LIGHT

Overview

LED solar street light system is an intelligent, on or off-grid lighting system using green solar energy. The system consists of LED street lamp, solar panel, battery, and the system controller. It uses solar as its energy source for the lamp to work automatically at night, and the battery supplies power for a designed working days.

The whole system is maintenance free, and no more running cost is needed after the initial installation.



Advantages



Cost Effective



Easy to Install



Green Energy



Maintenance Free

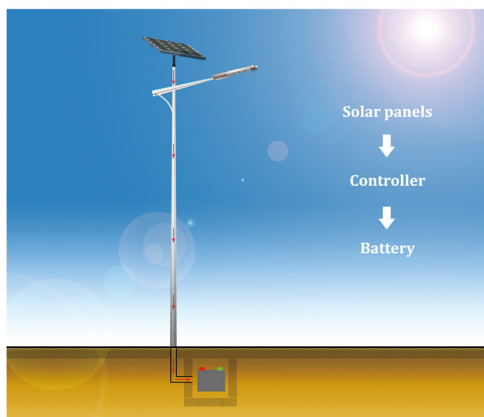


LED Light Source

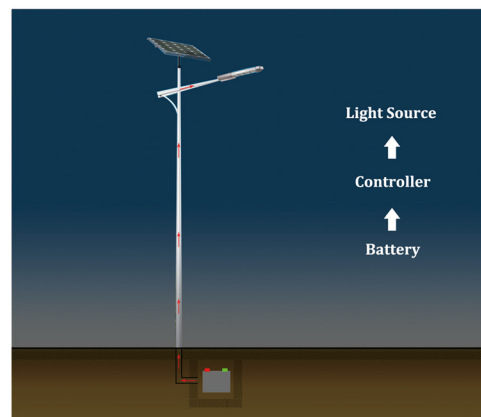


Intellectual Control

Working Principle



Solar panel charge the battery through the controller during the day



Controller discharge the battery to supply power to the LED light during the night

Solar Street Light System Recommendations(conditional)

Street Light	Controller	Solar Panel	Battery Capacity	System Voltage	Pole
20w	5A	60W x 1pc	60Ah x 1pc	12V DC	3-4m
30w	8A	80W x 1pc	80Ah x 1pc		4-6m
40w	15A	100W x 1pc	120Ah x 1pc		4-6m
50w	15A	70W x 2pcs	150Ah x 2pcs		5-8m
60w	15A	80W x 2pcs	90Ah x 2pcs	24V DC	5-8m
80w	15A	100W x 2pcs	120Ah x 2pcs		6-8m

Main Parts

LED Lamp Options



Battery



Features:
 Top grade lead materials, purity near 100%
 Contains nanoscale gel electrolyte, high density gel paste
 Deep cycle and maintenance free
 Low self-discharge
 Deep discharge resistant
 Sealed without electrolyte leakage
 Superior performance both in high temperature and cold environment

Solar Panel



Features:
 Poly/mono- crystalline cell panels both available
 Wide power options from 3-300W
 A grade cells adopted to create higher efficiency
 High light transmission, low iron tempered glass, anti-aging
 Strong structure to withstand high wind pressure, hail and snow load
 High compact resistant aluminum alloy frame

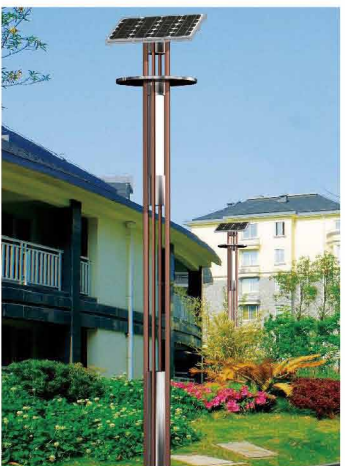
Controller



Features:
 High efficiency LED driver-built in
 Come with wireless remote control for lighting modifications
 Dimming and multi time phase setting
 Multi protection functions
 IP68 waterproof

Solar Street Light and Garden Light Models







SHANDONG WEISHI LIGHTING TECHNOLOGY CO., LTD.

Address: 1299 North Haidai Rd, Qingzhou City, Shandong Province, China. 262500

Website: www.wsled.com Phone: (86)536-3703377

E m a i l : sales@wsled.com

S k y p e : chenmo_weishi

Mobile/WhatsApp/Wechat/LINE: +86 18363653799