



Description

- Heat pipe-riveting and massive fins cooling technology
By using the diam.6mm heatpipe,the heat generated by the lighting quickly transfers to the cooling module of massive radiation fins,efficiently reduce the temperature of the LED lighting chips and extend the lifespan of the source
- A higher illuminance with the same power
Flake designed high-purity aluminum reflector angle scales with PC cover options to meet the professional light distribution,to adapt to different situations.There are 25°,45°,60°,90°,100°,110° beam angle options for the flake designed reflector.And there are also two options for the reflector material,high-purity aluminum or PC. Professional optic designed,the reflector is suitable for different situations



Specification

LED:	Cree XTE
Rated Volt:	100-277VAC 50/60Hz
OCT:	Warm/Pure/Cool White
Operating Temperature:	-40~+50 °C
Lifetime:	50,000 Hours
Warranty:	5 Years manufacture warranty

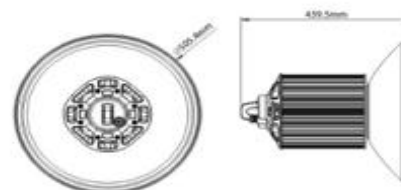
IP
65

110
lms

PF>
0.95

Ra>
75

Product Model	PL-GK60 C/D/E/F/G	PL-GK80 C/D/E/F/G	PL-GK100 C/D/E/F/G	PL-GK150 C/D/E/F/G	PL-GK200 C/D/E/F/G	PL-GK300 C/D/E/F/G
Chip Model	3020	3020	3020	3020/Cree XTE	XTE/OSRAM33	XTE/OSRAM33
Luminous Flux(lms)	6600	8800	11000	16500	22000	33000



Scope of Application

Applicable to large-space public areas such as industrial workshops,production and assembly lines,warehouses,logistics center and shopping malls,indoor stadiums etc

PL-GKxW





Description

- By riveting the heat pipe to the fins has 200 times of heat transfer rate over pure aluminum radiator, which helps maximize the cooling area through a combination with Polar HDT, seamless fitting and PIN fastening patent technology
- Adopting stainless steel parts and components, the whole structure has been treated with protection technology and undergone a 500-hour salt spray test, which boasts outstanding resistance to corrosion and rust and is thus adaptable to poor outdoor environment
- It passed the professional wind tunnel test, anti-level -17 hurricane
- The lampshade has a built-in respirator to clear away the mist and avoid dewing
- With an adjustable angle of 216°, the beam angle could be adjusted freely
- Can be equipped with an external power box

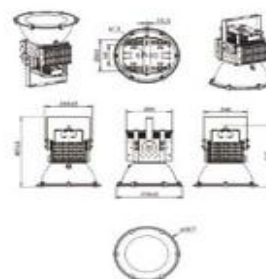


Specification

LED:	Cree XTE
Rated Volt:	100-277VAC 50/60Hz
CCT:	Warm / Pure / Cool White
Beam Angle:	25° 60° 90°
Operating Temperature:	-40~+50 °C
Lifetime:	50,000 Hours
Warranty:	5 Years manufacture warranty



Product Model	PL-HB100WA	PL-HB120WA	PL-HB150WA	PL-HB200WA	PL-HB300WA	PL-HB400WA	PL-HB500WA
Chip Model	3020	3020	3020/XTE	3020/XTE	XPE/XTE	XTE	XTE
Luminous Flux (lm)	11400	13200	16500	22000	33000	44000	55000



Scope of Application

Extensively applied in industrial workshops, stadium, docks, golf courses, construction lighting, square etc.

It can replace the traditional metal halide and high pressure sodium light

PL-HBxWA



TJCHAI Precision Company Limited

98/150 Moo.3 T.Don Hua Lor A.Maung Chonburi 20000

Tel:+66 3824 2519 , 081-9075629 Fax:+66 3824 2543

Email : info@tjchai.com

LED HIGH BAY LIGHT

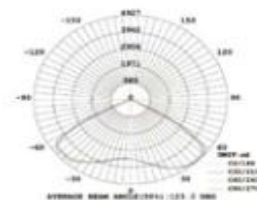


Description

- Reasonable heat sink design, not only keep ventilation but also avoid laceration
- Gaps between each module are increased heat dissipation speed and solved the problem of dust deposition
- Full aluminum made, sufficient heat dissipation area also no corrosion worries
- A special tailor-made packaging designed to guarantee the highest protection of the lamp
- Professional lens design with 60°, 90°, 110° and 120° optional
- Built-in MeanWell LED Driver

Specification

LED Chip:	Bridgelux LED Chip
Rated Volt:	100-277VAC/12 or 24VDC 50/60Hz
CCT:	Warm/ Pure/ Cool White
Beam Angle:	60° 90° 110° 120°
Operating Temperature:	-40~+60 °C
Lifetime:	50,000 Hours
Warranty:	5 Years manufacture warranty



Number of Modules	1	2	3	4	5	6	7
Power	35W	65W	100W	135W	165W	200W	230W
Luminous Flux(lms)	4200	7800	12000	16200	19800	24000	27600

Scope of Application

Applicable to large-space public areas such as industrial workshops, production and assembly lines, warehouse, logistics center and shopping malls, indoor stadiums etc

PL-LBxB





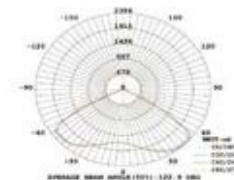
Description

- Excellent thermal management system enable the LEDs consistently work cooler,providing significant boosts to lifetime,efficacy,color consistency.Simple design but grand style
- The luminaire can be installed any angle you need
- MeanWell LED Driver,great luminarie stability.life span and optimal performance status Driver with CERoHS,UL,TUV,CB certified
- The lights are well-distributed ,more brightness

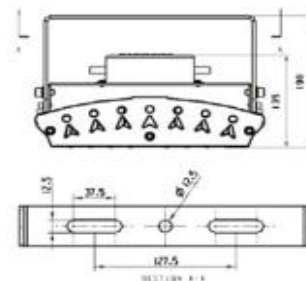


Specification

LED Chip:	Bridgelux LED Chip
Rated Volt:	100-277VAC/12 or 24VDC 50/60Hz
CCT:	Warm /Pure /Cool White
Beam Angle:	120°
Operating Temperature:	-40~+60 °C
Lifetime:	50,000 Hours
Warranty:	5 Years manufacture warranty



Product Model	PL-LB 30WA	PL-LB 60WA	PL-LB 90WA	PL-LB 120WA	PL-LB 150WA	PL-LB 180WA	PL-LB 210WA
Power	35W	65W	100W	135W	165W	200W	230W
Luminous Flux(lms)	3850	7150	11000	14850	18150	22000	25300



Scope of Application

Applicable to large-space public areas such as industrial workshops,production and assembly lines,warehouse, logistics center and shopping malls,indoor stadiums etc

PL-LBxWA



TJCHAI Precision Company Limited

98/150 Moo.3 T.Don Hua Lor A.Maung Chonburi 20000

Tel:+66 3824 2519 , 081-9075629 Fax:+66 3824 2543

Email : info@tjchai.com

Description

- Revolutionary built-in driver with extremely simple and clean appearance
- Reasonable heat sink design,not only keep ventilation but also avoid laceration
- Gaps between each module are increased heat dissipation speed and solved the problem of dust deposition
- Professional lens design with 60°,90°,110° and 120° optional
- Full aluminium enhanced luminaire bracket supports flexible angle adjustment.Designed for a variety of application
- With a non-corrosive material,not only exquisite appearance,but also no corrosion concerns



Specification

LED Chip:	Bridgelux LED Chip
Rated Volt:	100-277VAC/12 or 24VDC 50/60Hz
CCT:	Warm/ Pure/ Cool White
Beam Angle:	60° 90° 110° 120°
Operating Temperature:	-40~+60 °C
Lifetime:	50,000 Hours
Warranty:	5 Years manufacture warranty



Number of Modules	1	2	3	4	5	6	7
Power	35W	50W	100W	135W	165W	200W	230W
Luminous Flux(lms)	4200	7800	12000	16200	19800	24000	27600

Scope of Application

LED flood light is widely used in shopping center, exhibition hall,parking lot,stadium,gymnasia,billboard, park,statue,government lighting decoration,landmark or building,public square and passage,building connecting passage,and other indoor or outdoor light applications etc

PL-LFxB



TJCHAI Precision Company Limited

98/150 Moo.3 T.Don Hua Lor A.Maung Chonburi 20000

Tel:+66 3824 2519 , 081-9075629 Fax:+66 3824 2543

Email : info@tjchai.com



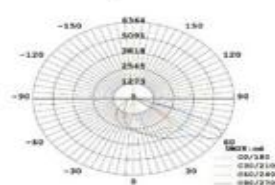
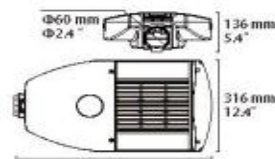
Description

- Body:** Manufactured with Extruding Aluminium 6063
High thermal conductive material and high efficiency cooling system
- Optical system:** High efficient **BRIDGELUX** LED Chip module ensures excellent performance
The material of lens made by **TEIJIN**
- Fishing:** Surface anti-ageing electrostatic spray processing super resistance to corrosion



Specification

- LED Chip:** Bridgelux LED Chip
- Rated Volt:** 100-277VAC/12 or 24VDC 50/60Hz
- CCT:** Warm / Pure / Cool White
- Beam Angle:** 80°*150°
- Operating Temperature:** -40~+50 °C
- Lifetime:** 50,000 Hours
- Warranty:** 5 Years manufacture warranty

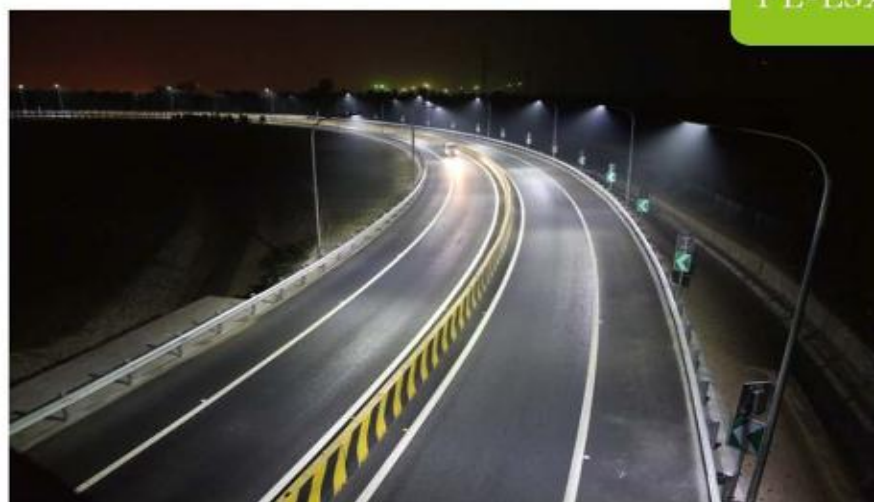


Number of Modules	1	2	3	4	5	6	7
Power	35W	65W	100W	135W	165W	200W	230W
Luminous Flux(lms)	4200	7800	12000	16200	19800	24000	27600

Scope of Application

Extensively applied in the roads such as main roads, expressways, streets, flyovers and pavements and other areas that need outdoor lighting such as squares, schools, residential quarters, industrial areas and parks.

PL-LSxB





LED STREET LIGHT

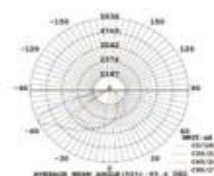
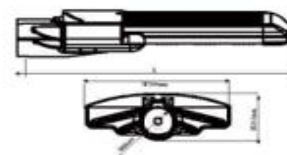
Description

- Adopting stainless steel parts and components, the whole structure has been treated with protection technology and undergone a 500-hour salt spray test, which boasts outstanding resistance to corrosion rust and is thus adaptable to poor outdoor environment
- Resistant to dust accumulation and ponding, with a protection grade reaching IP66
- Passing a professional wind tunnel test, it can withstand a Level 17 hurricane



Specification

LED Chip:	Bridgelux LED Chip
Rated Volt:	100-277VAC/12 or 24VDC 50/60Hz
CCT:	Warm / Pure / Cool White
Beam Angle:	80°~150°
Operating Temperature:	-40~+50 °C
Lifetime:	50,000 Hours
Warranty:	5 Years manufacture warranty



Product Model	PL-LS 30WA	PL-LS 60WA	PL-LS 90WA	PL-LS 120WA	PL-LS 150WA	PL-LS 180WA	PL-LS 210WA
LED Qty	20	40	60	80	100	120	140
Luminous Flux(lms)	3850	7150	12000	11000	14850	18150	22000

Scope of Application

Extensively applied in the roads such as main roads, expressways, streets, flyovers and pavements and other areas that need outdoor lighting such as squares, schools, residential quarters, industrial areas and parks.

PL-LSxWA

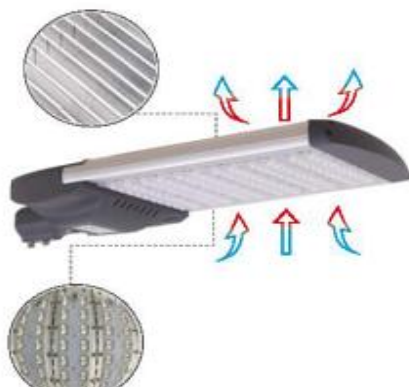


Description

- Bridgelux LED Chip, flip chip technology, single unit's damage won't affect others' normal work
- The most complete optical engine in the world
- Multiple lighting distributions available
- Wide power range: 20W, 30W, 40W, 50W
- IP68 - highest waterproof level, hot pluggable, easy for installation and replacement
- Independent intellectual property rights
- Easy tool onsite maintenance and repair
- 5-year manufacturer warranty



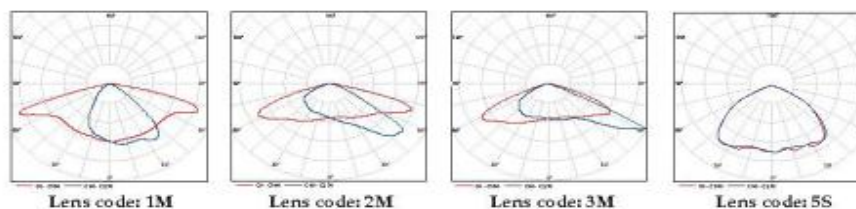
Exquisite design with powerful thermal dissipation and IP68 waterproof performance



Reasonable heat sink design, not only keep ventilation but also avoid laceration

Gaps between each module are increased heat dissipation speed and solved the problem of dust deposition

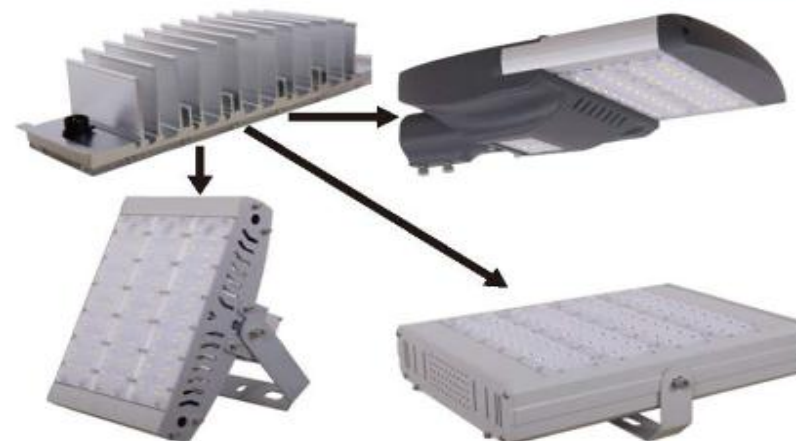
Optics



Scope of Application

Used in street lights, high bay lights, tunnel lights, flood / spot lights and many other traditional retrofit lights...

PL-MA





Description

- By riveting the heat pipe to the fins has 200 times of heat transfer rate over pure aluminium radiator, which helps maximize the cooling area through a combination with Polar HDT, seamless fitting and FIN fastening patent technology
- Adopting stainless steel parts and components, the whole structure has been treated with protection technology and undergone a 500-hour salt spray test, which boasts outstanding resistance to corrosion and rust and is thus adaptable to poor outdoor environment
- The lampshade has a built-in respirator to clear away the mist and avoid dewing
- The housing support the infrared sensor, safe and energy-saving
- With an adjustable angle of 180°, the beaming angle could be adjusted freely



Specification

LED:	Cree XTE
Rated Volt:	100-277VAC 50/60Hz
CCT:	Warm / Pure / Cool White
Beam Angle:	120°
Operating Temperature:	-40~+50 °C
Lifetime:	50,000 Hours
Warranty:	5 Years manufacture warranty



Product Model	PL-TG 14WA	PL-TG 20WA	PL-TG 30WA	PL-TG 50WA	PL-TG 70WA	PL-TG 100WA	PL-TG 150WA	PL-TG 200WA
Chip Model	COB14W / 2835	COB20W / 2835	COB30W / 2835	COB50W / 2835	COB70W / 2835	COB100W / 2835	COB150W / 2835	COB200W / 2835
Luminous Flux(lm)	1100	2200	3300	5500	7700	11000	16500	22000



Scope of Application

LED flood light is widely used in shopping center, exhibition hall, parking lot, stadium, gymnasium, billboard, park, statue, government lighting decoration, landmark or building, public square and passage, building connecting passage, and other indoor or outdoor light applications etc.

PL-TGxWA



TJCHAI Precision Company Limited

98/150 Moo.3 T.Don Hua Lor A.Maung Chonburi 20000

Tel:+66 3824 2519 , 081-9075629 Fax:+66 3824 2543

Email : info@tjchai.com



Description

Body: Die-cast aluminium
Optical system: **PL-MA LED Module**
High efficient **BRIDGELUX** LED Chip module ensures excellent performance
The material of lens made by **TEIJIN**
Fishing: Surface anti-ageing electrostatic spray processing super resistance to corrosion

PL-MA LED Module



Specification

LED Chip: Bridgelux LED Chip
Rated Volt: 100-277VAC/12 or 24VDC 50/60Hz
CCT: Warm / Pure / Cool White
Operating Temperature: -40~+50 °C
Lifetime: 50,000 Hours
Warranty: 5 Years manufacture warranty



Power	20W	30W	40W	50W	60W	70W
Luminous Flux(lms)	2400	3600	4800	6000	7200	8400



PL-TYD-01



Description

- MeanWell HBG Series Driver
- UFO style design
Perfect solution for high/low bay lighting
- Hot cellular effects
Heat dissipation structure
Temperature rising < 30°C

Specification

LED :	Cree/Phillips Lumileds
Rated Volt:	100-277VAC
CCT:	Warm /Pure /Cool White
Beam Angle:	120°
Operating Temperature:	-40~+50 °C
Lifetime:	50,000 Hours
Warranty:	5 Years manufacture warranty

Product Model	PL-100WR1	PL-150WR1
Power	100W	150W
Luminous Flux(lms)	11000	13200

IP 65 IK 08 110 lms PF> 0.95 Ra> 75

PL-xWR1

Scope of Application

- Warehouse Lighting,Industrial Lighting
- Parking Lot Lighting,Garage Lighting
- Airport,Train Station Lighting
- LED High Bay Light



PL-xWR2



Description

- MeanWell HBG Series Driver
- UFO style design
Perfect solution for high/low bay lighting
- Hot cellular effects
Heat dissipation structure
Temperature rising < 30°C

Specification

LED :	Cree/Phillips Lumileds
Rated Volt:	100-277VAC
CCT:	Warm /Pure /Cool White
Beam Angle:	120°
Operating Temperature:	-40~+50 °C
Lifetime:	50,000 Hours
Warranty:	5 Years manufacture warranty

Product Model	PL-160WR2	PL-200WR2
Power	160W	200W
Luminous Flux(lms)	17600	22000

IP 65 IK 08 110 lms PF> 0.95 Ra> 75

Scope of Application

- Warehouse Lighting,Industrial Lighting
- Parking Lot Lighting,Garage Lighting
- Airport,Train Station Lighting
- LED High Bay Light

TJCHAI Precision Company Limited

98/150 Moo.3 T.Don Hua Lor A.Maung Chonburi 20000

Tel:+66 3824 2519 , 081-9075629 Fax:+66 3824 2543

Email : info@tjchai.com

LED CORN LIGHT



Description

- As the world's first new products, LED corn light could replace the traditional CFL/ HPS/ MHL light
- Unique structure, wide-angled (360°), wide range of irradiated Area
- Can be used outdoors, up to IP64 waterproof index
- Luminous efficiency can reach 110lm / w
- Various lamp holder are available, a wide range of applications (G24/ E26/ E27/ E39/ E40)

Widely application: Factories, warehouses, street parks, parking lots, supermarkets, stadiums, commercial lighting etc

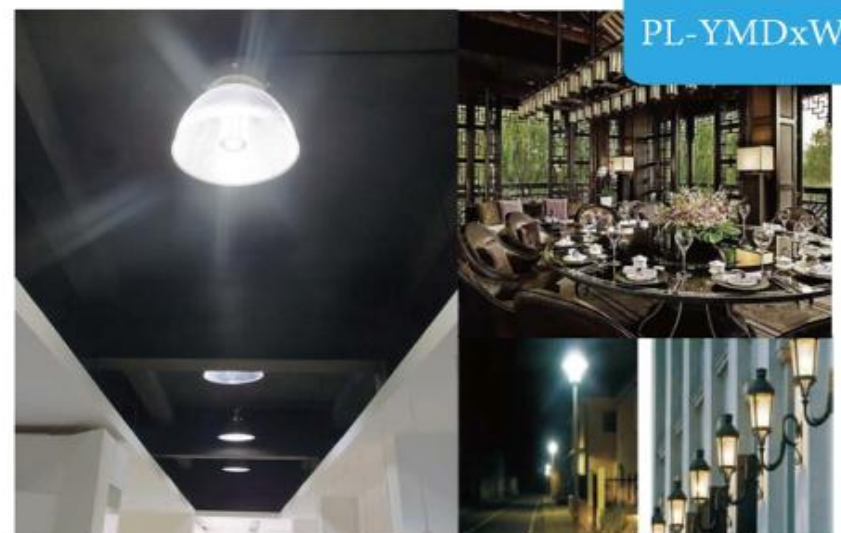


Specification

LED Chip:	Epistar LED Chip
Rated Volt:	100-277VAC 50/60Hz
CCT:	Warm/Pure/Cool White
Beam Angle:	360°
Lifetime:	50,000 Hours
Warranty:	3 Years manufacture warranty



Product Model	PL-YMD 12WA	PL-YMD 15WA	PL-YMD 18WA	PL-YMD 21WA	PL-YMD 24WA	PL-YMD 27WA	PL-YMD 30WA	PL-YMD 45WA	PL-YMD 54WA	PL-YMD 80WA	PL-YMD 100WA	PL-YMD 120WA
LED Source	SMD 2835	SMD 2835	SMD 2835	SMD 2835	SMD 2835	SMD 2835	SMD 2835	SMD 5630	SMD 5630	SMD 5630	SMD 5630	SMD 5630
Luminous Flux(lm)	1320	1650	1980	2310	2640	2970	3960	4950	5940	8800	11000	13200



TJCHAI Precision Company Limited

98/150 Moo.3 T.Don Hua Lor A.Maung Chonburi 20000

[Tel:+66 3824 2519](tel:+6638242519) , [081-9075629](tel:+669075629) Fax:+66 3824 2543

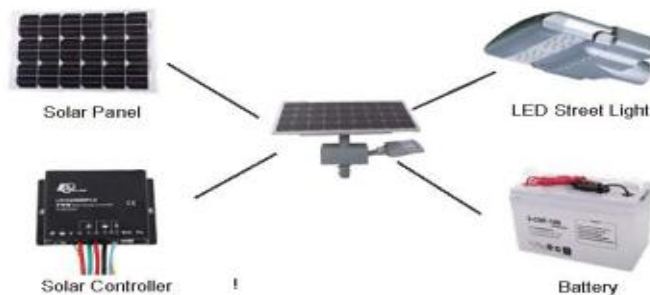
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SOLAR LED STREET LIGHT SYSTEM

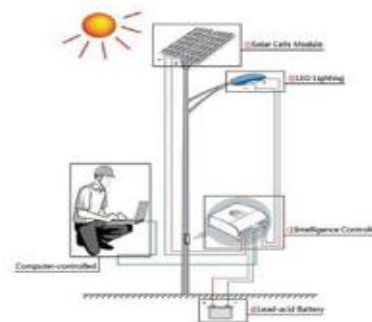


Description

- LED street light 20W to 150W 12/24VDC
- Pole with Hot-dip galvanizing and Static spray Q235 steel material(Pole color can be done as you need)
- Solar panel,Solar controller,Battery
We offer them in terms of different LED street power



Working Principle



Solar System

