



江苏天煌照明集团有限公司
JIANGSU TIANHUANG LIGHTING GROUP CO., LTD.

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天煌照明集团
TIANHUANG
LIGHTING GROUP

太阳能照明系列- LED照明系列
- 高杆照明系列- LED投光灯系列
- 工矿灯系列
SOLAR LIGHTING SERIES
LED LIGHTING SERIES
HIGH MAST LIGHTING SERIES
LED FLOOD LIGHT SERIES
INDUSTRIAL AND MINING LAMP SERIES

JIANGSU TIANHUANG LIGHTING GROUP CO., LTD.

江苏天煌照明集团有限公司



Group Profile

集团简介

JIANGSU TIANHUANG LIGHTING GROUP CO.LTD.is one of the key manufacturing enterprises of China's Solar LED Lighting , Street lighting ,Stadium lighting,Lighting pole, High mast lighting pole ,Communication Tower and intelligent lighting system. It has been participated in the construction of International key projects many times and won the praises and trusts of the market and customers all over the world.

Jiangsu Tianhuang Lighting Group Co., Ltd. was founded in January 2009. Its predecessor was Huxi Lighting Factory. Later, Longxiang (established in 2002) and Feilong (established in 2004) merged and renamed Jiangsu Tianhuang Lighting Group Co., Ltd. It is now located in the street lamp industrial concentration area of Guoji Town, Gaoyou City, Yangzhou, with convenient transportation and beautiful environment. The company currently has 125 employees: 5 senior engineers, 40 professional and technical personnel with intermediate professional titles, and 12 market development personnel. The company has a construction area of 35,000 square meters, a building area of 28,000 square meters, and a fixed asset investment of USD 5,410,000; it has more than 100 sets of large and medium-sized equipment such as large-scale spraying equipment, one-time forming folding machines, 10T cranes, 13M lifts, shearing machines, pipe bending machines, punching machines, various welding machines, etc. The company is currently a park-scale enterprise, a professional lighting facility manufacturer with comprehensive technology, equipment and product varieties.

Products are the foundation and quality is the key. The group has been rated as an excellent enterprise by the industrial and commercial departments for many consecutive years, and has passed the 3C mandatory product certification, ISO9001 quality system certification, and CE certification. In 2018, it was awarded the title of "Advanced Unit for Safety Production and Civilized Construction in Jiangsu Province".



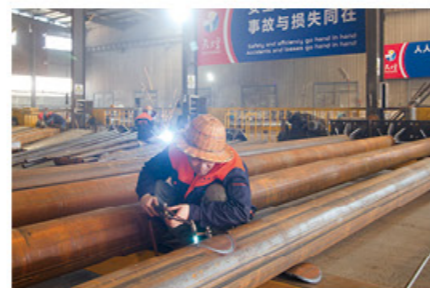
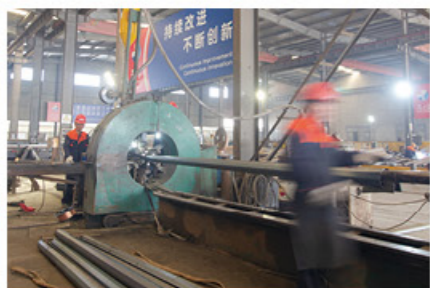
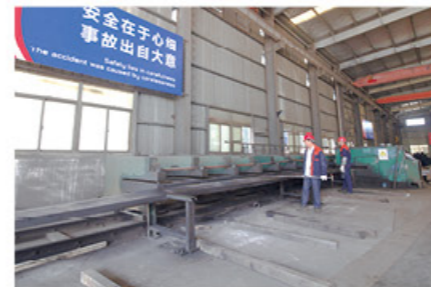
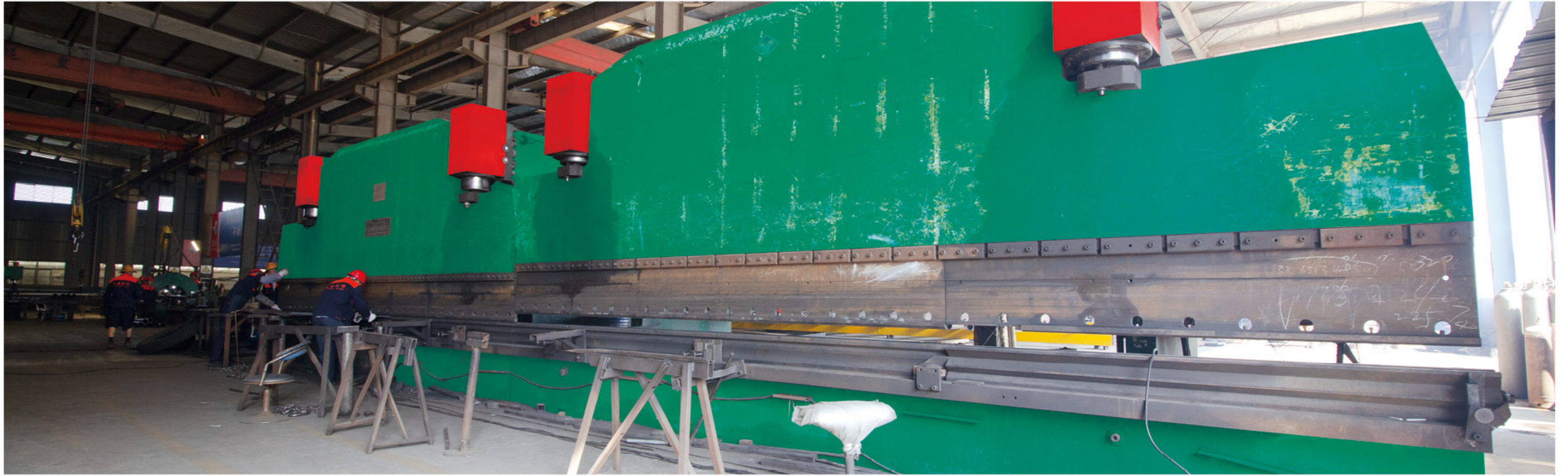
Group Qualification Certificate

集团资质证书



Group Equipment

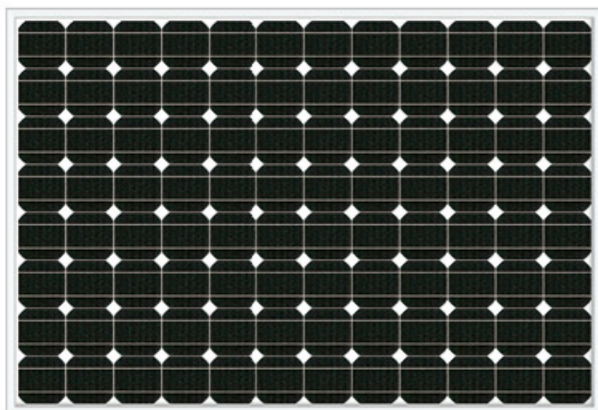
集团设备



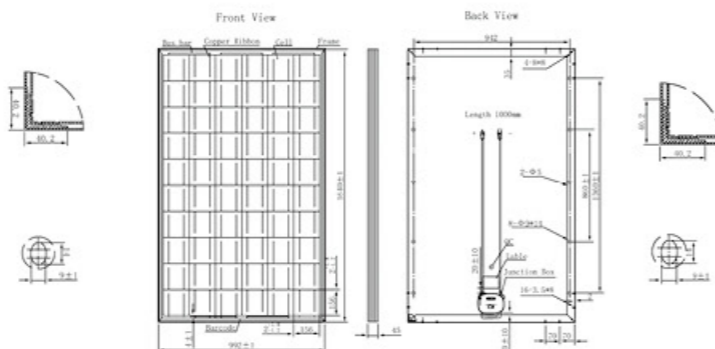
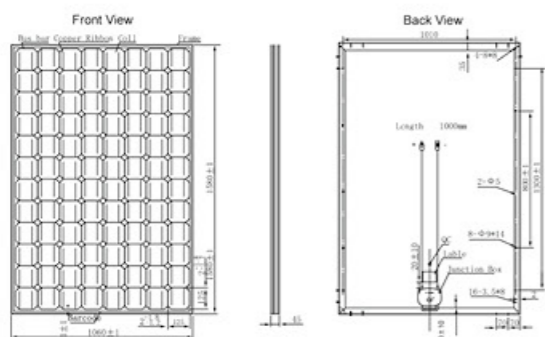
Solar Panel

太阳能电池板

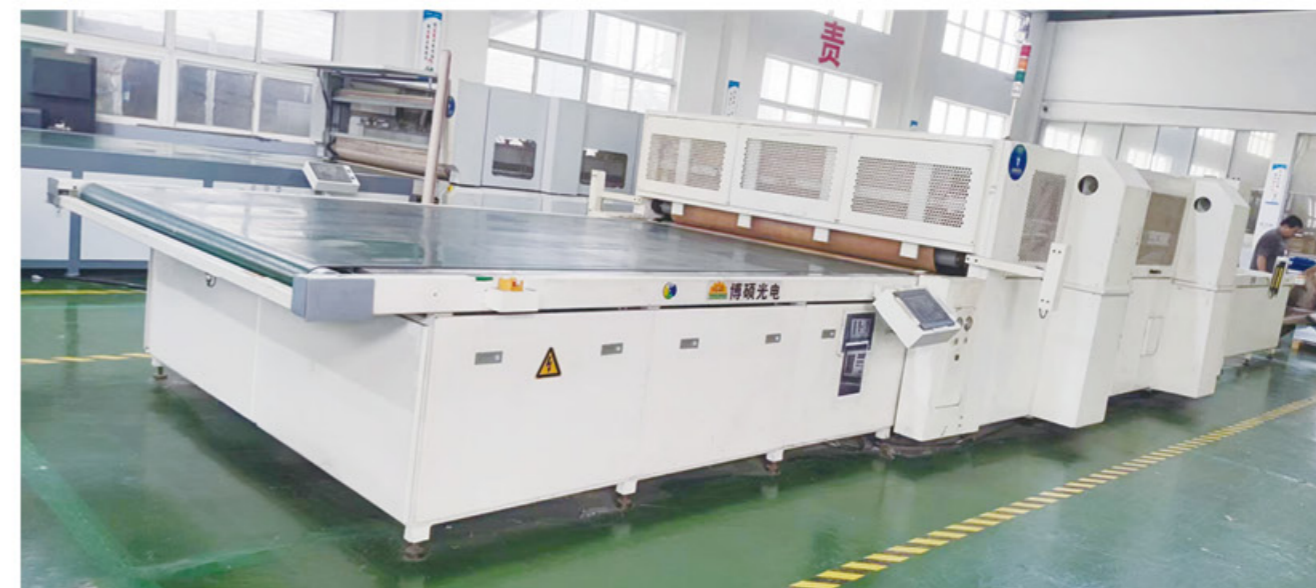
▶ 单晶硅太阳能电池板
Monocrystal Silicon Solar Panels



▶ 多晶硅太阳能电池板
Polycrystalline Silicon Solar Panels



▶ 生产设备
Production Equipment

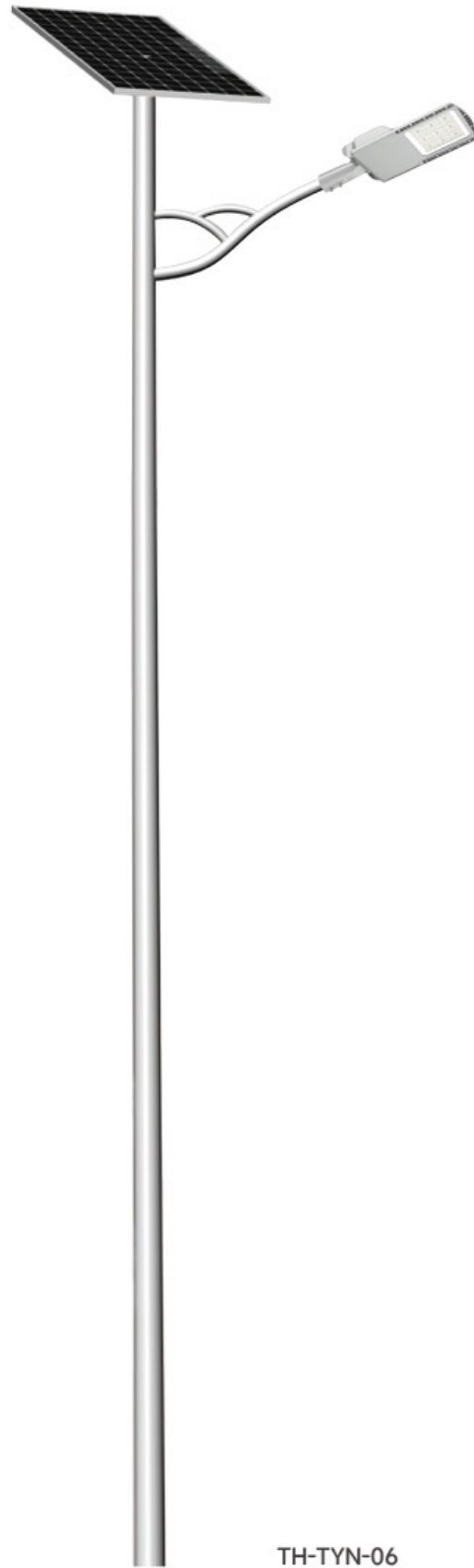


▶ 产品参数 Product Parameters

序列号 Serial number	规格 Specification	峰值功率 Pm(w)	峰值电压 Vmp (V)	峰值电流 Im(A)	开路电压 Voc(V)	短路电流 Isc(A)	尺寸 Foot size	重量 Weight(Kg)
1	30WP	30W	18	1.67	21.7	1.8	400*490*25	1.9
2	40WP	40W	18	2.22	21.7	2.4	520*520*25	2.4
3	50WP	50W	18	2.77	20.4	3.2	670*500*25	2.55
4	60WP	60W	18	3.33	19.3	4.06	670*500*25	2.8
5	70WP	70W	18	3.88	21.06	4.34	670*700*25	3.25
6	80WP	80W	18	4.44	19.46	5.37	670*800*25	3.65
7	90WP	90W	18	5	24.5	4.8	670*900*30	5.6
8	100WP	100W	18	5.55	17.69	7.4	670*950*30	6.15
9	120WP	120W	18	6.66	24.5	6.4	670*1000*30	6.4
10	130WP	130-140W	18	7.22	20.43	8.3	670*1080*30	7.7
11	150WP	150W	18	8.33	20.43	9.6	670*1150*30	8.4
12	160WP	160-170W	18	8.88	22.47	9.3	670*1280*30	8.75
13	180WP	180W	18	10	24.5	9.6	670*1380*30	9.5
14	200WP	200W	36	5.55	42.9	6.09	670*1580*35	10.25
15	300WP	300W	34	8.8	40.8	9.6	670*1680*35	11



	CRI	PF			
AC100-305V	>80	>0.95	10%~90%	+50°C ~-35°C	50,000h



Solar Street Light

太阳能路灯

产品说明 Product Description

- 离地安装高度: 5-8 米
- 适用光源: LED
- 太阳能电池: 高转换率单晶硅或多晶硅太阳能电池组件
- 蓄电池: 全密封免维护铅酸蓄电池
- 控制系统: 微电脑智能控制
- 照明时间: 8-10 小时
- 适用地区: 日照时长大于 2200 小时的区域
- 环境温度: -20°C ~60°C
- Installation Height From the Ground: 5-8m
- Applicable Light Source: LED
- Solar Cells: high conversion rate monocrystalline silicon or polycrystalline silicon solar cell components
- Battery: fully sealed maintenance-free lead-acid batteries
- Control System: microcomputer intelligent control
- Lighting Time: 8-10 hours
- Applicable Areas: the sunshine time is greater than 2200 hours of the region
- Ambient Temperature: -20 °C ~ 60 °C

单晶硅电池板 Monocrystalline Panels	高效控制器 High Efficiency Controller	磷酸铁锂电池 Lithium Iron Phosphate Batteries	芯片级 LED Chip LED
集成设计 Integrated Design	抗震等级 13 Seismic Rating 13	光控制储能 Light-controlled Energy Storage	防护等级 IP65

产品参数 Product Parameters

编号 No	项目 Item	图片 Picture	参数 Parameters					
1	LED 灯 LED Lamp		Power: 30W Chips: Lumileds/ Bridgelux/Cree/ Epistar Lumens: 100-120lm/w Voltage: DC 12V Color Temperature: 3000-6500K	Power:40W Chips: Lumileds/ Bridgelux/Cree/ Epistar Lumens:100-120lm/w Voltage:DC 12V Color Temperature: 3000-6500K	Power: 60W Chips: Lumileds/ Bridgelux/Cree/ Epistar Lumens: 100-120lm/w Voltage: DC 12V Color Temperature: 3000-6500K	Power: 80W Chips: Lumileds/ Bridgelux/Cree/ Epistar Lumens: 100-120lm/w Voltage: DC 12V Color Temperature: 3000-6500K	Power: 100W Chips: Lumileds/ Bridgelux/Cree/ Epistar Lumens: 100-120lm/w Voltage: DC 24V Color Temperature: 3000-6500K	Power: 150W Chips: Lumileds/ Bridgelux/Cree/ Epistar Lumens: 100-120lm/w Voltage: DC 24V Color Temperature: 3000-6500K
2	太阳能电池板 Solar Panels		Power: 80W Nominal Voltage: 18V Efficiency of Solar Cells: > 22% Material: Monocrystalline Silicon	Power: 100W Nominal Voltage: 18V Efficiency of Solar Cells: > 22% Material: Monocrystalline Silicon	Power: 150W Nominal Voltage: 18V Efficiency of Solar Cells: > 22% Material: Monocrystalline Silicon	Power: 200W Nominal Voltage: 18V Efficiency of Solar Cells: > 22% Material: Monocrystalline Silicon	Power: 120W*2P Nominal Voltage: 36V Efficiency of Solar Cells: > 22% Material: Monocrystalline Silicon	Power: 180W*2P Nominal Voltage: 36V Efficiency of Solar Cells: > 22% Material: Monocrystalline Silicon
3	胶体电池 Gel Battery		Capacity: 40AH Nominal Voltage: 12V	Capacity: 60AH Nominal Voltage: 12V	Capacity: 100AH Nominal Voltage: 12V	Capacity: 120AH Nominal Voltage: 12V	Capacity:12V80AH*2P Nominal Voltage: 24V	Capacity: 12V120AH*2P Nominal Voltage: 24V
	锂电池 Lithium Battery		Capacity: 35AH Nominal Voltage: 12V	Capacity: 50AH Nominal Voltage: 12V	Capacity: 80AH Nominal Voltage: 12V	Capacity: 100AH Nominal Voltage: 12V	Capacity: 70AH Nominal Voltage: 24V	Capacity: 100AH Nominal Voltage: 24V
4	控制器 Controller		Rated Current: 10A Nominal Voltage: 12V	Rated Current: 10A Nominal Voltage: 12V	Rated Current: 10A Nominal Voltage: 12V	Rated Current: 15A Nominal Voltage: 12V	Rated Current: 10A Nominal Voltage: 24V	Rated Current: 15A Nominal Voltage: 24V
5	灯杆 Pole		Height: 6m(A); Diameter: 60/160mm(d/D); Thickness: 3.0mm(B); Flange Plate: 280*14mm(W*t)	Height: 6m(A); Diameter: 60/160mm(d/D); Thickness: 3.0mm(B); Flange Plate: 280*14mm(W*t)	Height: 8m(A); Diameter: 80/185mm(d/D); Thickness: 3.5mm(B); Flange Plate: 350*16mm(W*t)	Height: 9m(A); Diameter: 80/200mm(d/D); Thickness: 4.0mm(B); Flange Plate: 400*18mm(W*t)	Height: 10m(A); Diameter: 90/210mm(d/D); Thickness: 4.0mm(B); Flange Plate: 400*20mm(W*t)	Height: 14m(A); Diameter: 90/220mm(d/D); Thickness: 4.0mm(B); Flange Plate: 400*22mm(W*t)
6	地脚螺栓 Anchor Bolt		4-M18	4-M18	4-M18	4-M18	4-M18	4-M18
7	电缆 Cables	RVV2*2.5	15m	18m	20m	22m	24m	28m

THSOSL01

一体化太阳能路灯

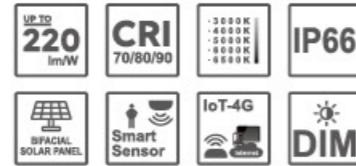
All In One (AIO) Solar Street Light



应用场景 Application Scenarios

本灯具主要适用于街道、小径和自行车道、住宅街道、共享区域、商业区、城区街道、乡村道路、城市道路、高速公路及环路等场景。

This lamp is mainly suitable for Streets, paths and bike paths, Residential streets, Shared zones, commercial, streets in urban areas, Rural roads, Urban roads, Motorways and ring roads, etc.



产品说明 Product Description

- 该灯具采用全一体化设计，配备双面太阳能组件与强效照明系统，可最大限度利用光能。设计中融入了 PIR/微波运动传感器及集成智能控制器。
- 双侧配板的设计使其适用于偏远地区和无电力供应的区域。
- 深循环电池可支持 2000 次充放电。
- 工作时间：启用智能模式时，雨天可连续运行 10 天。
- 功率范围在 30W 至 150W 之间。
- Light features all designs in one, equipped with double-sided solar modules and powerful lighting, which can maximize the utilization of light energy. Including PIR/microwave motion sensors and integrated intelligent controllers entering the design.
- The design of bilateral distribution boards makes them suitable for remote areas and areas without electricity supply.
- Deep cycle batteries are designed for 2000 charging and discharging times.
- Operating Time: With the intelligent model enabled, It can operate For 10 days during rainy weather
- The power range is between 30W and 150W.



产品参数 Product Parameters

型号 Model	THSOSL01-30W	THSOSL01-40W	THSOSL01-50W	THSOSL01-60W	THSOSL01-80W	
太阳能板 Solar Panels	参数 Parameter	18V 85W	18V 95W	18V 105W	18V 115W	18V 135W
	使用寿命 Service Life	25 years				
电池 Battery	晶硅类型 Crystalline Silicon Type	Monocrystalline Silicon				
	参数 Parameter	12.8V, 28AH	12.8V, 36AH	12.8V, 44AH	12.8V, 52AH	12.8V, 60AH
LED 光源 LED CHIPS	电池类型 Battery Type	Lithium Iron Phosphate				
	使用寿命 Service Life	7 years				
	功率 Power	30W	40W	50W	60W	80W
	灯珠品牌型号 Lamp Type	5054 LED Chips, 2 Moulds, 50Pcs/Mould	5054 LED Chips, 3 Moulds, 50Pcs/Mould	5054 LED Chips, 4 Moulds, 50Pcs/Mould	5054 LED Chips, 5 Moulds, 50Pcs/Mould	5054 LED Chips, 6 Moulds, 50Pcs/Mould
	颗数 Number	100	150	200	250	300
	光效 Light Effect	≥ 150	≥ 150	≥ 150	≥ 150	≥ 150
	流明值 Lumen Value(LM)	4500	6000	7500	9000	12000
控制器 Controller	色温 Color Temperature(K)	3000-6000K	3000-6000K	3000-6000K	3000-6000K	3000-6000K
	角度 Beam Angel	70°*140	70°*140	70°*140	70°*140	70°*140
	显指 Color Rendering Index (Ra)	≥ 70	≥ 70	≥ 70	≥ 70	≥ 70
	控制类型 Controller Type	SRNE MPPT 30W 10A	SRNE MPPT 40W 10A	SRNE MPPT 50W 10A	SRNE MPPT 60W 10A	SRNE MPPT 80W 10A
安装 Installation	安装高度 Installation Height	5-7m	6-8m	7-9m	8-10m	10-12m
灯体材质 Body Material	Die-cast Aluminum, Aluminum Alloy					
控制方式 Control Method	Light Control + Time Control					
充电时间 Charging Time	6-8H					
亮灯时间 Lighting Time	全功率 Full Power	6-12H Can Adjust				
样品长*宽*高 (毫米) Sample L*W*H (mm)	1169*620*385	1319*620*385	1469*620*385	1619*620*385	1769*620*385	
样品重量 Sample Weight	18kg	21KG	24KG	27KG	29KG	

THSOSL02

一体化太阳能路灯

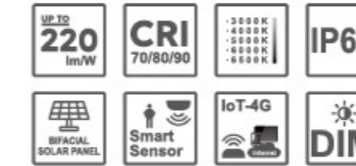
Integrated Solar Street Light



应用场景 Application Scenarios

广泛应用于支路、街道、厂区道路、公园、村庄、山区及偏远地区、照明工程、庭院、学校、广场等需要户外照明的场所。

Widely used in branch roads, streets, and factory roads, parks, villages, mountainous and remote areas, lighting projects, courtyards, schools, squares and other places that require outdoor lighting.



产品说明 Product Description

- 集成模块设计，便于维护和安装。
- 采用光源模块，可快速更换，操作便捷。
- 智能微波感应，实现“人来灯亮、人走灯灭”，达到节能省电效果。
- 电源开关设计，避免运输过程中过度放电。
- 使用磷酸铁锂电池，安全且无污染。
- 有两种安装方式：水平安装、垂直安装，且支撑角度可调节。
- The integrated module design is convenient for maintenance and installation.
- The use of light source modules allows for quick replacement and easy operation.
- Intelligent microwave induction, achieving energy-saving and electricity saving by turning on the lights when people come and turning off the lights when people go.
- Power switch design to avoid excessive discharge during transportation.
- Using lithium iron phosphate batteries, safe and pollution-free.
- There are two installation methods: horizontal installation, vertical installation, and adjustable support angle.



产品参数 Product Parameters

型号 Model	THSOSL02-20W	THSOSL02-30W	THSOSL02-35W	THSOSL02-40W	THSOSL02-50W	
太阳能板 Solar Panels	参数 Parameter	18V 50W	18V 60W	18V 70W	18V 85W	18V 105W
	使用寿命 Service Life	25 years				
电池 Battery	晶硅类型 Crystalline Silicon Type	Monocrystalline Silicon				
	参数 Parameter	12.8V, 20AH	12.8V, 32AH	12.8V, 40AH	12.8V, 52AH	12.8V, 60AH
LED 光源 LED CHIPS	电池类型 Battery Type	Lithium Iron Phosphate				
	使用寿命 Service Life	7 years				
	功率 Power	20W	30W	35W	40W	50W
	灯珠品牌型号 Lamp Type	3030 LED Chips, 2 MOULDS, 50Pcs/Mould	3030 LED Chips, 3 Moulds, 50Pcs/Mould	3030 LED Chips, 4 Moulds, 50Pcs/Mould	3030 LED Chips, 5 Moulds, 50Pcs/Mould	3030 LED Chips, 6 Moulds, 50Pcs/Mould
	颗数 Number	100	150	200	250	300
	光效 Light Effect	≥ 150	≥ 150	≥ 150	≥ 150	≥ 150
	流明值 Lumen Value(LM)	3000	4500	5250	6000	7500
控制器 Controller	色温 Color Temperature(K)	3000-6000K	3000-6000K	3000-6000K	3000-6000K	3000-6000K
	角度 Beam Angel	70°*140	70°*140	70°*140	70°*140	70°*140
	显指 Color Rendering Index (Ra)	≥ 70	≥ 70	≥ 70	≥ 70	≥ 70
	控制类型 Controller Type	Sukongda 30W 10A	Sukongda 30W 10A	Sukongda 40W 10A	Sukongda 40W 10A	Sukongda 60W 10A
安装 Installation	安装高度 Installation Height	5-7m	5-7m	6-8m	6-8m	7-9m
灯体材质 Body Material	Aluminum Alloy					
控制方式 Control Method	Light Control + Time Control					
充电时间 Charging Time	6-8H					
亮灯时间 Lighting Time	全功率 Full Power	6-12H Can Adjust				
样品长*宽*高 (毫米) Sample L*W*H (mm)	747*388*45	847*388*45	987*388*45	1188*388*45	1458*388*45	

THSOSL03

一体化太阳能路灯

Integrated Solar Street Light



- 遥控器 Remote Control
- 节能 Energy Saving
- 太阳能充电 Solar Charging
- 高亮度 High Brightness
- 户外防雨 Outdoor Rainproof
- 大容量电池 High Capacity Battery
- 压铸铝 Die-cast Aluminum
- 长使用寿命 Long Service Life

应用场景 Application Scenarios

道路照明 / 工业园区道路 / 高速公路 / 城市街道 / 乡村地区 / 人行道 / 停车场
 Road Lighting / Industrial Parks roads / Highways / Urban street / Countryside / Sidewalk / Car parks

- UP TO 220 lm/W
- CRI 70/80/90
- 3000K-6000K
- IP66
- BIFACIAL SOLAR PANEL
- Smart Sensor
- IoT-4G
- DIM



产品参数 Product Parameters

型号 Model	THSOSL03-30W	THSOSL03-40W	THSOSL03-50W	THSOSL03-60W	THSOSL03-80W	
太阳能板 Solar Panels	参数 Parameter	18V, 60W	18V,80W	18V,100W	18V,120W	18V,140W
	使用寿命 Service Life	25年 25 years				
电池 Battery	晶硅类型 Crystalline Silicon Type	Lithium Iron Phosphate Monocrystalline Silicon				
	参数 Parameter	12.8V, 32AH	12.8V, 40AH	12.8V, 48AH	12.8V, 56AH	12.8V, 64AH
	电池类型 Battery Type	Lithium Iron Phosphate				
	使用寿命 Service Life	7 years				
LED光源 LED CHIPS	功率 Power	30W	40W	50W	60W	80W
	灯珠品牌型号 Lamp Type	Philips	Philips	Philips	Philips	Philips
	颗数 Number	100	150	200	250	300
	光效 Light Effect	≥ 150	≥ 150	≥ 150	≥ 150	≥ 150
	流明值 Lumen Value(LM)	4500	6000	7500	9000	12000
	色温 Color Temperature(K)	3000-6000K	3000-6000K	3000-6000K	3000-6000K	3000-6000K
	角度 Beam Angel	70°140	70°140	70°140	70°140	70°140
控制器 Controller	显指 Color Rendering Index (Ra)	≥ 70	≥ 70	≥ 70	≥ 70	≥ 70
	控制器类型 Controller Type	SRNE MPPT 30W 10A	SRNE MPPT 40W 10A	SRNE MPPT 50W 10A	SRNE MPPT 60W 10A	SRNE MPPT 80W 10A
灯体材质 Body Material	Die-cast Aluminum + Alloy Aluminum					
控制方式 Control Method	Light Control + Time Control					
充电时间 Charging Time	6-8H					
亮灯时间 Lighting Time	全功率 Full Power	6-12H				
样品长 * 宽 * 高 (毫米) Sample L*W*H (mm)	1180*410*310	1305*410*310	1430*410*310	1555*410*310	1680*410*310	
样品重量 Sample Weight	17kg	21kg	23kg	25kg	27kg	

THSOSL04

一体化太阳能路灯

Integrated Solar Street Light



应用场景 Application Scenarios

广泛适用于道路、高速公路、公园、广场、别墅以及其他多风的乡村山区等场景。
 Widely applicable to roads, express ways, parks, plazas, villas and other strong wind rural mountain areas.

- UP TO 220 lm/W
- CRI 70/80/90
- 3000K-6000K
- IP66
- BIFACIAL SOLAR PANEL
- Smart Sensor
- IoT-4G
- DIM

样式一 Style One



样式二 Style Two



产品参数 Product Parameters

型号 Model	THSOSL04-20W	THSOSL04PRO-20W	THSOSL04-30W	
太阳能板 Solar Panels	参数 Parameter	12V/30W	12V/50W	12V/60W
	使用寿命 Service Life	25 years		
电池 Battery	晶硅类型 Crystalline Silicon Type	Monocrystalline Silicon		
	参数 Parameter	7.4V/16AH	7.4V/24AH	12V/24AH
	电池类型 Battery Type	Lithium Iron Phosphate		
	使用寿命 Service Life	7 years		
LED光源 LED CHIPS	功率 Power	20W	20W	30W
	灯珠品牌型号 Lamp Type	Philips	Philips	Philips
	颗数 Number	100	150	150
	光效 Light Effect	≥ 150	≥ 150	≥ 150
	流明值 Lumen Value(LM)	3000	3000	4500
	色温 Color Temperature(K)	6000K	6000K	6000K
	角度 Beam Angel	70°140	70°140	70°140
控制器 Controller	显指 Color Rendering Index (Ra)	≥ 70	≥ 70	≥ 70
	控制器类型 Controller Type	Remote Power 20W/15A/2.4G	Remote Power 20W/15A/2.4G	Remote Power 30W/10A/2.4G
安装 Installation	安装高度 Installation Height	3-6m	3-8m	3-8m
灯体材质 Body Material	Alloy Aluminum + Galvanized Sheet			
控制方式 Control Method	Light Control + Time Control With Sensor			
充电时间 Charging Time	5-6H			
亮灯时间 Lighting Time	全功率 Full Power	6-12H		
防护等级 Protection grade	IP65			
样品长 * 宽 * 高 (毫米) Sample L*W*H (mm)	705*308*115	850*352*115	1018*352*115	



THSOSL05

一体化太阳能路灯

Integrated Solar Street Light



遥控器用户手册

User manual for remote controller

演示：无论白天或夜晚，灯光“开”1分钟，仅用于测试。
关闭：无论白天或夜晚，灯光“关”。

L模式：夜间全功率运行12小时。
T模式：夜间全功率运行4小时+30%功率运行8小时。
M模式：夜间12小时人体感应控制(有人时亮灯，无人时可能熄灭或低功率)。
U模式：夜间全功率运行4小时+后续8小时人体感应控制。

DEMO: No matter day or night, light "on" for 1 minute, Only for test use.
OFF: No matter day or night, light "OFF".

L: At night, 12hrs full power.
T: At night, 4hrs full power+8hrs 30%.
M: At night, 12hrs motion sensor control.
U: At night, 4hrs full power+8hrs motion sensor control.

Product Advantages

- 太阳能板+LED芯片+充电控制器+电池集成于同一箱体，安装与运输便捷。
- 高端压铸成型搭配阳极氧化处理外观，抗冲击、耐高温，具备优异的抗腐蚀性。
- 搭载智能功率调节功能，可自动判断天气状况，合理规划放电规则。
- 配备智能温控器，采用UVA技术，支持远距离遥控(最远达12米)，可穿透障碍物，拥有4种照明模式可供选择，并具备亮度调节等功能。
- 采用深度循环磷酸铁锂电池，搭配智能放电管理系统，具备充放电软硬双重保护及智能均衡技术，深度循环次数超2000次。
- 选用高流明 Bridgelux 3030 LED芯片，整灯光效达170流明/瓦，亮度是普通LED光源的两倍以上，视角140度，照明覆盖面积更大。
- 具备IP65防水等级，灯具浸入水中2小时仍可正常工作。
- 拆卸、安装及运输极为简便。

- Solar panel + led chip + charge controller + battery all in one box, easy to install and transportation.
- High end die-cast aluminum forming with anodic oxidation treatment appearance, impact and high temperature resistance, excellent corrosion resistance.
- With intelligent power regulation, automatic judgment of weather, reasonable planning of discharge discipline.
- With intelligent remote control, UVA technology, long distance remote control up to 12 meters, Wearable obstacle, have 4 modes lighting mode for choose, adjust brightness function and so on.
- Deep cycles LifePO4 battery, with intelligent discharge management, Charge and discharge soft and hard dual protection and intelligent equalization technology, deep cycle more than 2000 times.
- High lumen led Bridgelux 3030 led chip, for total lamp reach 170LM/W, More than twice the average brightness of ordinary LED sources, view angle is 140 degree, lighting more area.
- With IP65 waterproof IP grade, the lamp put into water 2 hours, still working very well.
- Very easy disassemble, installation and transportation.

产品参数 Product Parameters

型号 Model	THSOSL05-30W	THSOSL05-40W	THSOSL05-50W	THSOSL05-60W	THSOSL05-80W	THSOSL05-100W	THSOSL05-120W
太阳能板 Solar Panels	参数 Parameter	18V 50W	18V 65W	18V 70W	18V 70W	18V 100W	18V 120W
	使用寿命 Service Life	25 years					
	晶硅类型 Crystalline Silicon Type	Imported High Efficiency Monocrystalline Silicon					
电池 Battery	参数 Parameter	12.8V 18AH	12.8V 24AH	12.8V 30AH	12.8V 36AH	12.8V 42AH	12.8V 54AH
	电池类型 Battery Type	LifePO4 Battery					
	使用寿命 Service Life	8-10 years					
LED光源 LED CHIPS	功率 Power	12V30W	12V40W	12V50W	12V60W	12V80W	12V100W
	灯珠品牌型号 Lamp Type	Bridgelux 3030	Bridgelux 3030	Bridgelux 3030	Bridgelux 3030	Bridgelux 3030	Bridgelux 3030
	颗数 Number	80PCS	80PCS	160PCS	160PCS	160PCS	240PCS
	光效 Light Effect	170LM/W	170LM/W	170LM/W	170LM/W	170LM/W	170LM/W
	流明值 Lumen Value(LM)	5100lm	6800lm	8500lm	10200lm	13600lm	20400lm
	色温 Color Temperature(K)	2700K-6500K (Customized)	2700K-6500K (Customized)	2700K-6500K (Customized)	2700K-6500K (Customized)	2700K-6500K (Customized)	2700K-6500K (Customized)
	角度 Beam Angel	140°	140°	140°	140°	140°	140°
显指 Color Rendering Index (Ra)	Ra>70						
控制器 Controller	控制器类型 Controller Type	MPPT					
安装 Installation	安装高度 Installation Height	6-7M	7-8M	5-7M	5-8M	6-9M	7-10M
	安装间距 Installation Distance	20-24M	23-27M	23-31M	23-31M	23-34M	25-30M
灯体材质 Body Material	Aluminum Alloy						
控制方式 Control Method	Yes / Night Sensor+Microwave Motion Sensor						
充电时间 Charging Time	6hours						
亮灯时间 Lighting Time	全功率 Full Power	2days					
	30% 省电模式 30% Power-saving Mode	5-7 Cloudy/Rainy days					
环境参数 Environmental Parameters	放电温度 Discharge Temperature	-10°C ~ 60°C					
	充电温度 Charging Temperature	0°C ~ 45°C					
	储存温度 Storage Temperature	25°C					
产品认证 Certification	CE / ROHS / ISO						
防护等级 Protection Grade	IP65						
质保 Warranty	3 years						
样品长*宽*高 (毫米) Sample L*W*H (mm)	820*385*180	960*385*180	1190*385*180	1190*385*180	1630*385*55685*125*320	1960*385*55685*125*320	1960*385*55685*125*320
样品重量 Sample Weight	11KG	13KG	16KG	16KG	20KG	28.5KG	28.5KG

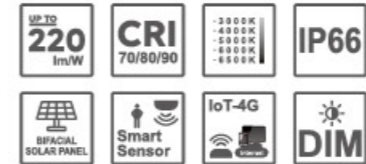
灯型分类 Classification of lamp types



THSOSL06

一体化太阳能路灯

Integrated Solar Street Light



实物图片 Real scene picture



产品参数 Product Parameters

型号 Model	THSOSL06-30W	THSOSL06-40W	THSOSL06-60W	THSOSL06-80W	THSOSL06-100W	THSOSL06-120W	
太阳能板 Solar Panels	参数 Parameter	18V/50W	18V/60W	18V/80W	18V/105W	18V/150W	
	晶硅类型 Crystalline Silicon Type	Imported High Efficiency Monocrystalline Silicon					
	参数 Parameter	3.2V, 72Ah	3.2V, 100AH	12.8V, 30AH	12.8V, 45AH	12.8V, 60AH	12.8V, 75AH
电池 Battery	电池类型 Battery Type	Lithium Iron Phosphate					
	功率 Power	30W	40W	60W	80W	100W	120W
	灯珠品牌型号 Lamp Type	Four-core High Luminous Efficiency SMD3030	Four-core High Luminous Efficiency SMD3030	Four-core High Luminous Efficiency SMD3030	Four-core High Luminous Efficiency SMD3030	Four-core High Luminous Efficiency SMD3030	Four-core High Luminous Efficiency SMD3030
LED光源 LED CHIPS	颗数 Number	96PCS	144PCS	192PCS	240PCS	288PCS	336PCS
	光效 Light Effect	200LM/W	200LM/W	200LM/W	200LM/W	200LM/W	200LM/W
	流明值 Lumen Value(LM)	6000lm	8000lm	12000lm	16000lm	20000lm	24000lm
	色温 Color Temperature(K)	2700K-6500K (Customized)	2700K-6500K (Customized)	2700K-6500K (Customized)	2700K-6500K (Customized)	2700K-6500K (Customized)	2700K-6500K (Customized)
控制器 Controller	控制器类型 Controller Type	MPPT Boost Controller					
安装 Installation	安装高度 Installation Height	5-7m	6-8m	8-10m	10-12m	12-13m	13-15m
灯体材质 Body Material	Aluminium alloy						
控制方式 Control Method	Microwave Motion Sensor + Segmented Time Control						
充电时间 Charging Time	5hours						
产品认证 Certification	CE, ROHS, IEC60598, IEC62722, IEC62471, LM79, LM80						
防护等级 Protection Grade	IP65						
质保 Warranty	3 years						
样品长*宽*高 (毫米) Sample L*W*H (mm)	828*408*150	933*408*150	1173*408*150	1388*408*150	1603*408*150	2006*408*150	
样品重量 Sample Weight	10.5kg	11.5kg	13.5kg	16kg	18.5kg	22kg	

THSOSL07

软膜太阳能路灯

Flexible Film Solar Street Light



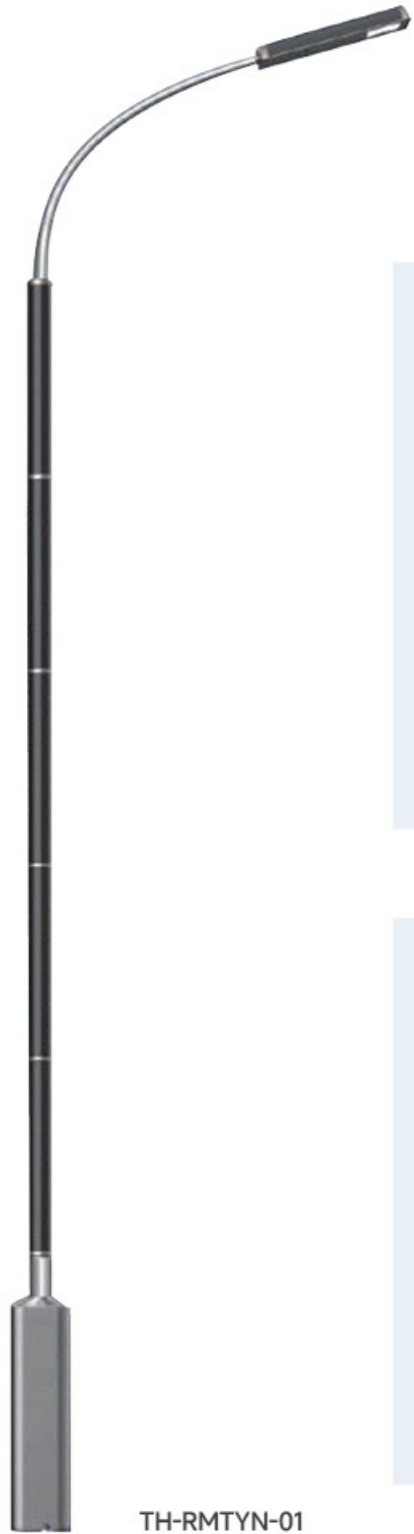
软膜大功率 LED
Flexible Film
High-power LED

太阳能电池组件
高效率、免维护
Solar Panel Modules
High Efficiency,
Maintenance-free

组件安装简便
便于普通路灯改造
The modules are
easy to install, making
it convenient for the
transformation of
ordinary street lights.

底座蓄电池、控制器
Base-mounted
Battery, Controller

基础
Base



TH-RMTYN-02

TH-RMTYN-03

TH-RMTYN-04



TH-RMTYN-05

TH-RMTYN-06

TH-RMTYN-07

TH-RMTYN-01

THSOFL01

太阳能LED泛光灯

Solar LED Flood Lighting



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产品特点 Product Features

- 运动传感器选项：许多太阳能LED泛光灯配备集成运动传感器。这些传感器可检测附近的移动并自动激活灯光，为安全性和能源效率提供额外保障。
- 多功能应用：太阳能LED泛光灯用途广泛，可用于多种场景。此外，它们还可在户外活动（如户外派对或聚会）中使用，以营造光线充足且宜人的氛围。
- Motion Sensor Option: Many solar LED floodlights feature integrated motion sensors. These sensors detect movement in the vicinity and automatically activate the light, providing an added layer of security and energy efficiency.
- Versatile Applications: Solar LED floodlights are versatile and can be used for various purposes. Additionally, they can be used at events, such as outdoor parties or gatherings, to create a well-lit and inviting atmosphere.



产品参数 Product Parameters

型号 Model		THSOFL01-15W	THSOFL01-20W	THSOFL01-25W
太阳能板 Solar panels	参数 Parameter	30W	60W	80W
	使用寿命 Service Life	25 years		
	晶硅类型 Crystalline Silicon Type	Monocrystalline Silicon		
电池 Battery	参数 Parameter	30AH/3.2V	50AH/3.2V	60AH/3.2V
	电池类型 Battery Type	Lithium Iron Phosphate		
	使用寿命 Service Life	7 years		
LED光源 LED CHIPS	功率 Power	15w	20w	25w
	灯珠品牌型号 Lamp Type	Philips	Philips	Philips
	颗数 Number	200	420	760
	光效 Light Effect	≥ 150	≥ 150	≥ 150
	流明值 Lumen Value(LM)	2250	3000	3750
	色温 Color Temperature(K)	6000K	6000K	6000K
	角度 Beam Angel	70°140	70°140	70°140
显指 Color Rendering Index (Ra)	≥ 70	≥ 70	≥ 70	
控制器 Controller	控制器类型 Controller Type	PWM		
安装 Installation	安装高度 Installation Height	5M,7M,8M		
环境参数 Environmental Parameters	放电温度 Discharge temperature	-30°C to 50°C		
防护等级 Protection Grade		IP65		
质保 Warranty		60000		
样品长*宽*高 (毫米) Sample L*W*H (mm)		204*237*55	294*330*55	376*407*55

THSOGL01

集成式太阳能庭院灯

Integrated Solar Garden Light



产品特点 Product Feature

- 高档一体化铝合金外壳。
- 带运动传感器的照明模式。
- 360°视角。
- 充满电后可连续照明超过3个夜晚。
- 安装简便，自动开关。
- 配备遥控器，采用UVA技术，具有高耐腐蚀性，支持30米远程操控，可调节亮度。
- High class Integrated Aluminum alloy case.
- Lighting mode with motion sensor
- 360° view angle
- Over 3 nights lighting after full charge
- Easy to install, Auto on/off
- With remote control, UVA technology, bring high corrosion resistance, 30m remote control operation, increase/decrease the brightness.

应用场景 Application Scenarios

庭院 / 花园 / 公园 / 街道 / 道路 / 小径 / 停车场 / 私家道路 / 人行道 / 公共广场 / 广场 / 校园 / 机场 / 周边安全区域 / 野生生物区域 / 军事基地
 Courtyard/Garden/Park/Street/Roadway/Pathway/Parking lot/Private road/Sidewalk/Public square/Plaza/Campus/Airfield/Perimeter security/Wildlife area/Military base



产品参数 Product Parameters

型号 Model	THSOGL01-20W	THSOGL01-30W	THSOGL01-50W	
太阳能板 Solar Panels	参数 Parameter	18V30W	18V40W	18V50W
	使用寿命 Service Life	25 years		
	晶硅类型 Crystalline Silicon Type	Imported High Efficiency Monocrystalline Silicon		
电池 Battery	参数 Parameter	153.6WH 12.8V	384WH 12.8V	384WH 12.8V
	电池类型 Battery Type	Brand New Grade Life PO4 Battery		
	使用寿命 Service Life	8-10 years		
LED 光源 LED CHIPS	功率 Power	20W	30W	50W
	灯珠品牌型号 Lamp Type	Bridgelux		
	颗数 Number	3 LED Lamp/24PCS	3 LED Lamp/24PCS	5 LED Lamp/24PCS
	光效 Light Effect	100LM/W		
	流明值 Lumen Value(LM)	2000LM	3000LM	5000LM
	色温 Color Temperature(K)	2700K ~ 6500K		
	角度 Beam Angel	360° view angle		
控制器 Controller	控制器类型 Controller Type	MPPT		
	安装高度 Installation Height	3-4m	3-5m	4-6m
安装 Installation	安装间距 Installation Distance	10-14m	10-17m	14-21m
	灯体材质 Body Material	High Class Aluminum (Anodic Oxidation Process)		
控制方式 Control Method	Remote Control			
充电时间 Charging Time	7hours by Bright Sunlight			
亮灯时间 Lighting time	全功率 Full Power	12H		
	30% 省电模式 30% Power-saving Mode	3Cloudy/Rainy days		
环境参数 Environmental Parameters	放电温度 Discharge Temperature	-25°C to 65°C		
	充电温度 Charging Temperature	-10°C to 60°C		
	储存温度 Storage Temperature	25°C		
产品认证 Certification	IP65			
防护等级 Protection Grade	CE, ROHS, ISO			
质保 Warranty	3 years			
样品长 * 宽 * 高 (毫米) Sample L*W*H (mm)	570*570*230	660*660*250	760*760*250	
样品重量 Sample Weight	6.1KG	8.3KG	10.8KG	



THSOGL02

集成式太阳能庭院灯

Integrated Solar Garden Light



产品特点 Product Feature

- 这款 100W 太阳能庭院灯专为户外使用而设计，性能可靠，具备高效太阳能充电功能，照明效率高达 150 流明 / 瓦。
- 太阳能庭院灯采用 IP65 防护结构，确保防水性能，提供 2 年质保，且具备全套出口认证。
- This 100W solar yard lamp is designed for outdoor use. It provides reliable performance, boasting high-efficiency solar charging and lighting efficacy up to 150lm/w.
- IP65 structure of solar-powered yard lamp ensures waterproof performance and is covered by a 2-year guarantee. Full sets of export certifications are available.



产品参数 Product Parameters

型号 Model	THSOGL02-30W	
太阳能板 Solar Panels	参数 Parameter	6V 30W
	使用寿命 Service Life	25 years
	晶硅类型 Crystalline Silicon Type	Monocrystalline Silicon
电池 Battery	参数 Parameter	96WH 3.2V
	电池类型 Battery Type	Lithium Iron Phosphate
	使用寿命 Service Life	7 years
LED 光源 LED CHIPS	功率 Power	30W
	灯珠品牌型号 Lamp Type	5054
	颗数 Number	124
	光效 Light Effect	≥ 150
	流明值 Lumen Value(LM)	4500
	色温 Color Temperature(K)	6000K
	角度 Beam Angel	70°-140°
显指 Color Rendering Index (Ra)	≥ 70	
控制器 Controller	控制器类型 Controller Type	PWM
安装 Installation	安装高度 Installation Height	3-5m
	安装间距 Installation Distance	20m
灯体材质 Body Material	Die-cast Aluminum	
控制方式 Control Method	Light Control + Time Control	
充电时间 Charging Time	4hours	
亮灯时间 Lighting time	全功率 Full Power	6-12H
	环境参数 Environmental Parameters	放电温度 Discharge Temperature
产品认证 Certification	CE, ROHS, ISO	
防护等级 Protection Grade	IP65	
质保 Warranty	3 years	
样品长 * 宽 * 高 (毫米) Sample L*W*H (mm)	650*300*260	
样品重量 Sample Weight	4kg	



THSL01



产品细节 Product Details



免工具开合设计, 便于维护。
Tool-free open and close that ensure easy maintenance

IP66 防水等级
它可防雨防渗, 能防止灰尘侵入, 适合长时间户外使用, 且维护频率低。
IP66 Waterproof Rating
It can be impervious to rain, prevent the intrusion of dust long outdoor use time, and low maintenance frequency.

0°/90°安装
0°/90° installation



优质 LED 芯片, 可根据不同需求选用芯片。
Best quality LED chips, can use the chips as different needs.

压铸铝外壳, 散热性能优异。
Die-casting aluminum housing, excellent in Heat dissipation.

通用尺寸, 适用于更多场景。
Universal size Suitable for more scenarios.

产品参数 Product Parameters

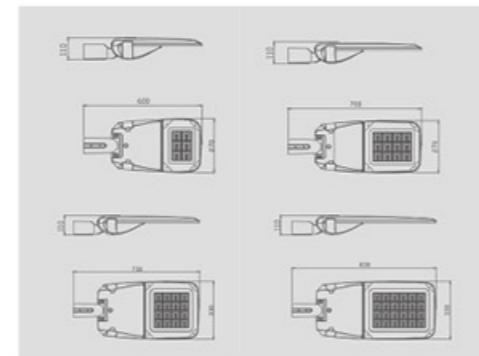
型号 Model	THSL01-80W	THSL01-150W	THSL01-200W	THSL01-360W
功率 Power	60-80W	120-150W	160-200W	210-360W
电压 Voltage	100-305VAC			
频率 Frequency Range	50hz			
功率因素 Power Factor	>0.95			
色温 Color Temperature	3000K,4000K,6000K			
灯珠品牌 Lamp Brand	Philips			
IP 等级 IP Rating	IP65			
显色指数 Colour Rendering Index	CRI>70			
光效 Luminous Efficiency	130lm/W			
工作温度 Working Temperature	55°C			
防护触电等级 Safety Class	Class 2			
IK 等级 Shock Protection IK	IK08			
寿命 Life	50000H			
样品长*宽*高 (毫米) Sample L*W*H (mm)	620*270*110	720*270*110	750*330*110	850*330*110

应用场景 Application Scenarios

主次干道、居民区道路、广场、工厂等。
Main and secondary roads Roadway in Residence Area, Square, Factory etc.



产品尺寸 Product Size



THSL02

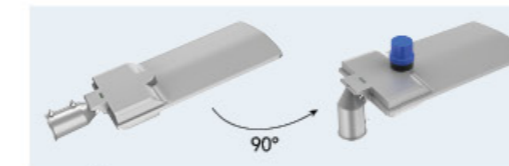


AC100-305V	CRI >80	PF >0.95	10%-90%	+50°C -35°C	50,000h
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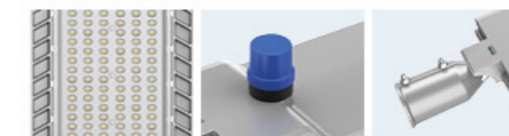
灯型分类 Classification of lamp types



产品细节 Product Details



0°/90°安装 0°/90° installation

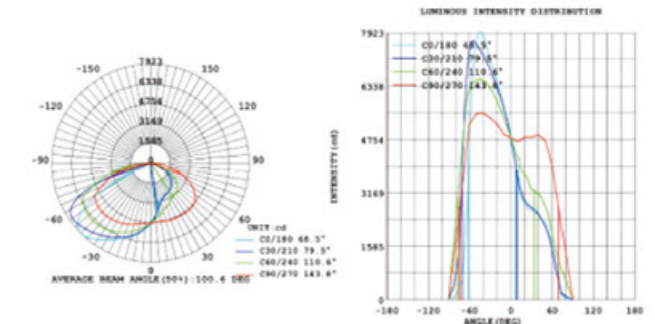


优质 LED 芯片, 可根据不同需求选用芯片。
Best quality LED chips, can use the chips as different needs.

光控 Light Control

通用尺寸, 适用于更多场景。
Universal size Suitable for more scenarios.

配光曲线 Light Distribution Curve



产品参数 Product Parameters

型号 Model	THSL02-50W	THSL02-100W	THSL02-150W	THSL02-200W
功率 Power	50W	100W	150W	200W
电压 Voltage	AC100V-277V			
频率 Frequency Range	50/60HZ			
功率因素 Power Factor	>0.95			
色温 Color Temperature	3000-6000K			
灯珠品牌 Lamp Brand	Philips 2835			
IP 等级 IP Rating	IP67			
显色指数 Colour Rendering Index	Ra>70			
光效 Luminous Efficiency	130-160lm/W			
工作温度 Working Temperature	-40° C-50° C			
防护触电等级 Safety Class	Class II			
IK 等级 Shock Protection IK	IK08			
寿命 Life	50000H			
样品长*宽*高 (毫米) Sample L*W*H (mm)	467*175*75	564*221*75	642*241*75	740*276*75
样品重量 Sample Weight	1.6kg	2.6kg	3.2kg	3.8kg

THSL05



	CRI	PF		
AC100-300V	>80	>0.95	10%~90% +50°C -35°C	50,000h

▶ 应用场景 Application Scenarios

主次干道、居民区道路、广场、工厂等。
Main and secondary roads Roadway in Residence Area, Square, Factory etc.

▶ 产品细节 Product Details

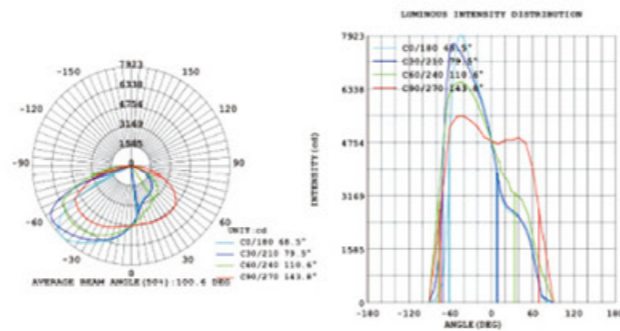


优质 LED 芯片, 可根据不同需求选用芯片。
Best quality LED chips, can use the chips as different needs.

人体传感器 + 水平仪
Human Body Sensor + Spirit Level

通用尺寸, 适用于更多场景。
Universal size Suitable for more scenarios

▶ 配光曲线 Light Distribution Curve



▶ 产品参数 Product Parameters

型号 Model	THSL05-50W	THSL05-100W	THSL05-150W	THSL05-250W	THSL05-300W
功率 Power	50W	100W	150W	200-250W	300W
电压 Voltage	AC100V-277V				
频率 Frequency Range	50/60HZ				
功率因素 Power Factor	>0.95				
色温 Color Temperature	3000-6000K				
灯珠品牌 Lamp Brand	Philips 2835				
IP 等级 IP Rating	IP67				
显色指数 Colour Rendering Index	Ra>70				
光效 Luminous Efficiency	130-160lm/W				
工作温度 Working Temperature	-40° C~50° C				
防护触电等级 Safety Class	Class II				
IK 等级 Shock Protection IK	IK08				
寿命 Life	50000H				
样品长 * 宽 * 高 (毫米) Sample L*W*H (mm)	463*173*87	611*240*111	680*260*89	693*300*90	793*300*109
样品重量 Sample Weight	2.6kg	4.5kg	5.0kg	5.9kg	6.8kg

THSL06



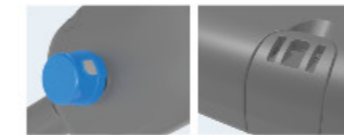
	CRI	PF		
AC100-300V	>80	>0.95	10%~90% +50°C -35°C	50,000h

▶ 产品细节 Product Details



优质 LED 芯片, 可根据不同需求选用芯片。
Best quality LED chips, can use the chips as different needs.

通用尺寸, 适用于更多场景。
Universal size Suitable for more scenarios



光控 Light control

卡口设计 Bayonet Design

▶ 灯具六视图 Six Views of the Lamp



▶ 产品参数 Product Parameters

型号 Model	THSL06-50W	THSL06-100W	THSL06-150W	THSL06-250W	THSL06-300W
功率 Power	50W	100W	150W	200-250W	300W
电压 Voltage	AC100V-277V				
频率 Frequency Range	50/60HZ				
功率因素 Power Factor	>0.95				
色温 Color Temperature	3000-6000K				
灯珠品牌 Lamp Brand	Philips 2835				
IP 等级 IP Rating	IP67				
显色指数 Colour Rendering Index	Ra>70				
光效 Luminous Efficiency	130-160lm/W				
工作温度 Working Temperature	-40° C~50° C				
防护触电等级 Safety Class	Class II				
IK 等级 Shock Protection IK	IK08				
寿命 Life	50000H				
样品长 * 宽 * 高 (毫米) Sample L*W*H (mm)	560*196*98.5	610*245*98.5	661*245*98.5	712*300*98.5	755*380*98.5
样品重量 Sample Weight	3.8kg	4.8kg	5.5kg	6.5kg	7.8kg

THSL07



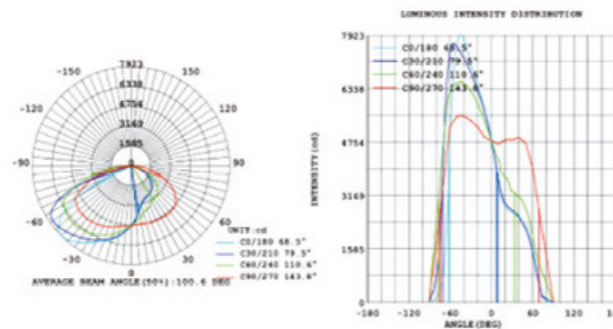
灯型分类 Classification of lamp types



Product Features

- 专利私模，压铸铝外壳，翻盖免工具快拆设计。
- 高光效，130/150/170LM/W 多种方案可选。
- 采用专业配光透镜：PC 透镜角度 T2M/T3M/T4M。
- 0/1-10V 调光，时间控制，光感应，物联网控制等功能可选。
- 扁平流线型设计，散热性好。
- 安装轴角度可调 90°/180°。
- 防护等级 IP65。
- Patented private mold, die-cast aluminum shell, flip cover design for tool-free quick disassembly.
- High luminous efficiency, with multiple options of 130/150/170 LM/W.
- Adopts professional light distribution lenses: PC lens angles T2M/T3M/T4M.
- Optional functions: 0/1-10V dimming, time control, light sensing, IoT control, etc.
- Flat streamline design for excellent heat dissipation.
- Installation shaft angle adjustable at 90°/180°.
- Protection level: IP65.

配光曲线 Light Distribution Curve



AC100-305V	CRI >80	PF >0.95	10%-90%	+50°C -35°C	50,000h
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产品参数 Product Parameters

型号 Model	THSL07-50W	THSL07-100W	THSL07-150W	THSL07-200W
功率 Power	50W	100W	150W	200W
电压 Voltage	85-265V AC			
频率 Frequency Range	50hz			
功率因素 Power Factor	≥ 0.9			
色温 Color Temperature	2700K-6500K			
灯珠品牌 Lamp Brand	Highlight 3030			
IP 等级 IP Rating	IP65			
显色指数 Colour Rendering Index	≥ 70			
光效 Luminous Efficiency	≥ 150lm/W			
工作温度 Working Temperature	55°C			
安全等级 Safety Class	Class II			
冲击保护 Shock Protection IK	IK 08			
寿命 Life	50000H			
样品长*宽*高 (毫米) Sample L*W*H (mm)	600*230*100	650*230*100	754*280*100	855*280*100
样品重量 Sample Weight	3.2kg	3.7kg	5.2kg	6.4kg

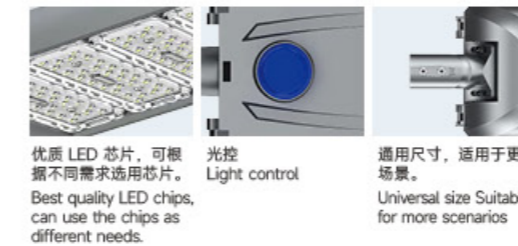
THSL08



AC100-305V	CRI >80	PF >0.95	10%-90%	+50°C -35°C	50,000h
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产品细节 Product Details



优质 LED 芯片，可根据不同需求选用芯片。Best quality LED chips, can use the chips as different needs.

光控 Light control

通用尺寸，适用于更多场景。Universal size Suitable for more scenarios

产品特点 Product Features

- 整体简约线条设计，造型现代美观；背部光滑，高效散热设计，表面静电喷涂，抗腐蚀能力强，持久耐用；
- 模组化采用可插拔技术，保证灯具具有高透光性与高散热性；
- 国标 ADC12 压铸铝，散热性能好；高光效模组透镜，大角度长间距配光；
- 整体设计结构坚固、轻巧、方便暗转、拆卸、更换；
- The overall simple line design is modern and beautiful; the back is smooth, with efficient heat dissipation design, and the surface is electrostatically sprayed, which has strong corrosion resistance and is durable;
- The modularization adopts pluggable technology to ensure that the lamp has high light transmittance and high heat dissipation;
- National standard ADC12 die-cast aluminum, good heat dissipation performance; high light efficiency module lens, large angle and long spacing light distribution;
- The overall design structure is solid, lightweight, and easy to turn dark, disassemble, and replace;

应用场景 Application Scenarios

城市主次干道、二环路、商业广场、工业区、大中型运动场。
高速公路等户外道路、车站、码头等场所照明。
Urban main roads, secondary roads, commercial squares, industrial areas, large and medium-sized playgrounds.
Highway and other outdoor road, station, pier and other places lighting

产品参数 Product Parameters

型号 Model	THSL08-120W	THSL08-180W	THSL08-240W	THSL08-300W
功率 Power	60W-120W	90W-180W	120W-240W	150W-300W
电压 Voltage	100-305VAC			
频率 Frequency Range	50/60HZ			
功率因素 Power Factor	>0.95			
色温 Color Temperature	3000K-6500K			
灯珠品牌 Lamp Brand	Philip 3030			
IP 等级 IP Rating	IP67			
显色指数 Colour Rendering Index	CRI>70			
光效 Luminous Efficiency	150lm/W-180lm/W			
工作温度 Working Temperature	-35°C -70°C			
透镜材质 Material of the Lens	Imported optical PC			
材质 Housing Material	ADC12			
安全等级 Safety Class	Class II			
冲击保护 Shock protection IK	IK10			
寿命 Life	50000H			
样品长*宽*高 (毫米) Sample L*W*H (mm)	690*356*125	770*356*125	850*356*125	930*356*125
样品重量 Sample Weight	6.8kg	7.8kg	8.8kg	9.8kg



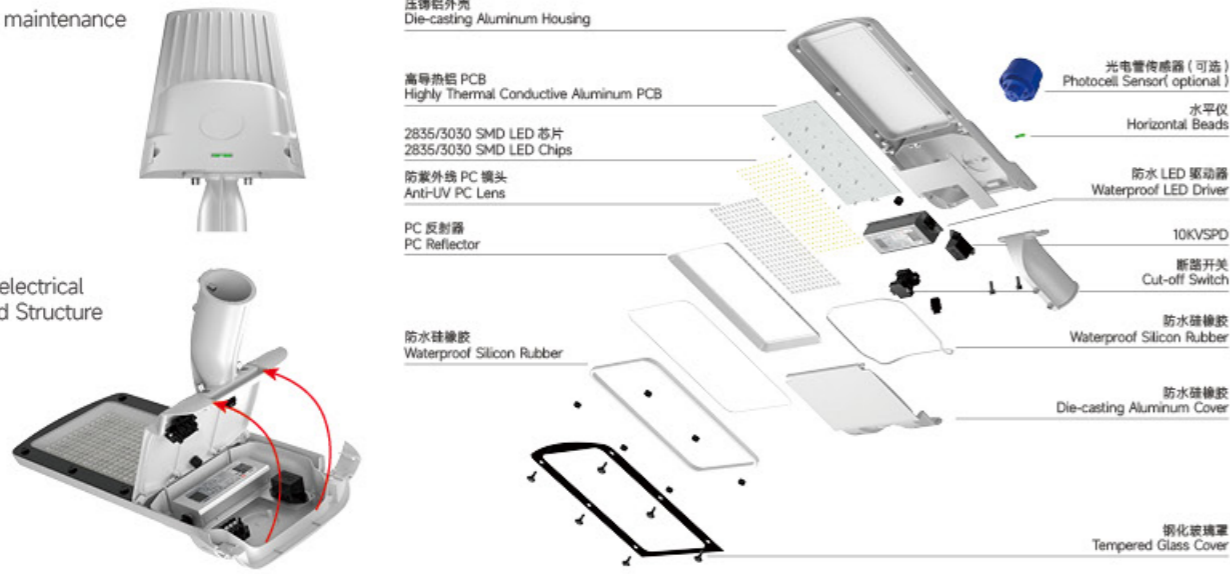
THSL09



产品细节 Product Details

Tool-free maintenance

Thermal-electrical Separated Structure



产品参数 Product Parameters

型号 Model	THSL09-50W	THSL09-100W	THSL09-150W	THSL09-200W	THSL09-300W
功率 Power	30W-60W	80W-120W	150W-180W	200-250W	300W-320W
电压 Voltage	AC 100-277V				
频率 Frequency Range	50hz				
功率因素 Power Factor	> 0.95				
色温 Color Temperature	3000K-6500K				
灯珠品牌 Lamp Brand	3030 SMD				
IP 等级 IP Rating	IP65				
Beam Angle	60° /90° /120° /12M/13M				
LED Driver	Inventronics/MeanWell/Philips/MOSO				
Raw Material	Die-cast Aluminum+PC Lens+Glass				
Luminous Efficiency 光效	160-170LM/ W				
Working Temperature 工作温度	-40° C-50° C				
Safety Class 防护触电等级	Class II				
Sample length*width*height	588*210*120	600*258*110	700*258*110		788*335*115
Life 寿命	50000H				

THSL10



灯型分类 Classification of lamp types



产品参数 Product Parameters

型号 Model	THSL10-50W	THSL10-100W	THSL10-150W	THSL10-200W	THSL10-250W
功率 Power	50W	100W	150W	200W	250W
电压 Voltage	AC 100-277V				
频率 Frequency Range	50-60HZ				
功率因素 Power Factor	> 0.95				
色温 Color Temperature	3000K-6500K				
灯珠品牌 Lamp Brand	3030 SMD				
IP 等级 IP Rating	IP65				
Beam Angle	120°				
LED Driver	Inventronics/MeanWell/Philips/MOSO				
Raw Material	Die-cast Aluminum+PC Lens+Glass				
Luminous Efficiency 光效	110-130LM/ W				
Working Temperature 工作温度	-40° C-50° C				
Safety Class 防护触电等级	Class II				
Sample length*width*height	588*210*110	600*258*110	700*258*110		788*335*115
Life 寿命	50000H				

Light Pole

灯杆



TH-DG-01

TH-DG-02

TH-DG-03

TH-DG-04



TH-DG-09

TH-DG-10

TH-DG-11

TH-DG-12



TH-DG-05

TH-DG-06

TH-DG-07

TH-DG-08



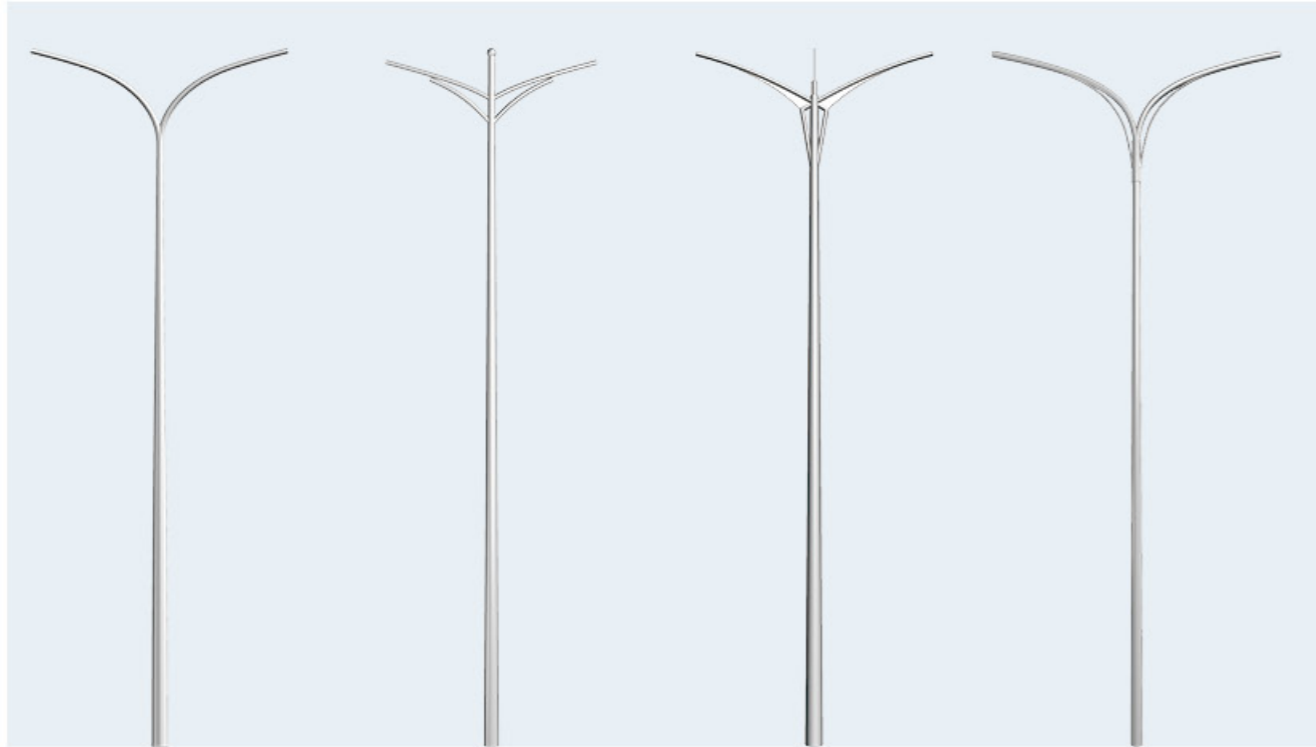
TH-DG-13

TH-DG-14

TH-DG-15

TH-DG-16

Light Pole 灯杆



TH-DG-17

TH-DG-18

TH-DG-19

TH-DG-20



TH-DG-21

TH-DG-22

TH-DG-23

TH-DG-24

Folding Light Pole 折叠杆



TH-ZDG-01



TH-ZDG-02

TH-ZDG-03



TH-ZDG-04

TH-ZDG-05

High-mast Light

高杆灯



TH-GG-01

TH-GG-02

TH-GG-03

TH-GG-04



TH-GG-09

TH-GG-10

TH-GG-11

TH-GG-12



TH-GG-05

TH-GG-06

TH-GG-07

TH-GG-08



TH-GG-13

TH-GG-14

TH-GG-15

TH-GG-16

THFL01



吸墙安装
Wall-mounted installation



吸顶安装
Ceiling-mounted installation

	CRI	PF		
AC100-300V	>80	>0.95	10%~90% +50°C -35°C	50,000h

产品说明 Product Description

- LED 泛光灯 / 投光灯应用范围广泛，用于建筑装饰以及商业空间等照明；
- 投光灯显色性高，光线柔和，功率低，寿命长达 5 万小时；
- LED 芯片采用美国科锐 / 韩国三星品牌；
- 采用二次配光技术；高效散热性能，原厂封装灯珠；
- 稳压恒流驱动电源，可直接连接交流电压；
- 模块化可插拔技术，单一模组可热拔；
- 外壳采用高导热系数的铝合金材质，无电磁辐射、无环境污染、无紫外线；
- 外形美观大方，节能、环保。
- LED floodlights/spotlights have a wide range of applications and are used for lighting in architectural decoration, commercial spaces, etc.
- The spotlights have high color rendering, soft light, low power consumption, and a service life of up to 50,000 hours.
- The LED chips adopt brands such as Cree from the United States or Samsung from South Korea.
- The secondary light distribution technology is adopted; it has high-efficiency heat dissipation performance, and the lamp beads are packaged by the original factory.
- The regulated voltage and constant current drive power supply can be directly connected to the AC voltage.
- The modular and pluggable technology is applied, and a single module can be hot-swapped.
- The outer shell is made of aluminum alloy material with a high thermal conductivity coefficient, and there is no electromagnetic radiation, environmental pollution, or ultraviolet rays.
- It has a beautiful and generous appearance, and is energy-saving and environmentally friendly.

灯型分类 Classification of lamp types



产品参数 Product Parameters

型号 Model	THFL01-60W	THFL01-120W	THFL01-180W	THFL01-240W
功率 Power	30-60W	60-120W	90-180W	120-240W
电压 Voltage	100-305VAC			
频率 Frequency Range	50hz			
功率因素 Power Factor	≥ 0.95			
色温 Color Temperature	3000K/4000K/6000K			
灯珠品牌 Lamp Brand	Philips			
IP 等级 IP Rating	IP65			
显色指数 Colour Rendering Index	Ra ≥ 70			
光效 Luminous Efficiency	130LM/W			
工作温度 Working Temperature	-30°C ~ -65°C			
防护触电等级 Safety Class	Class II			
IK 等级 Shock Protection IK	IK08			
寿命 Life	50000H			
样品长 * 宽 * 高 (毫米) Sample L*W*H (mm)	348*178*63	348*178*63	348*342*63	348*342*63

THFL02



	CRI	PF		
AC100-300V	>80	>0.95	10%~90% +50°C -35°C	50,000h

灯型分类 Classification of lamp types



产品参数 Product Parameters

型号 Model	THFL02-50W	THFL02-100W	THFL02-150W	THFL02-200W	THFL02-300W
功率 Power	50W	100W	150W	200W	300W
电压 Voltage	AC100-305V				
频率 Frequency Range	50-60HZ				
功率因素 Power Factor	>0.95				
色温 Color Temperature	2700-6500K				
灯珠品牌 Lamp Brand	SMD2835				
IP 等级 IP Rating	IP65				
显色指数 Colour Rendering Index	CRI ≥ 70				
光效 Luminous Efficiency	120-150lm/W				
工作温度 Working Temperature	-40°C ~ +45°C				
防护触电等级 Safety Class	Class II				
IK 等级 Shock Protection IK	IK08				
寿命 Life	50000H				
样品长 * 宽 * 高 (毫米) Sample L*W*H (mm)	217*313*51	343*369*56	368*412*58	393*422*58	439*483*67
样品重量 Sample Weight	1.25kg	1.9kg	3.65kg	4.1kg	7.33kg

THFL03

球场灯

Stadium Lights

	CRI	PF			
AC100-300V	>80	>0.95	10%-90%	+50°C -35°C	50,000h



灯型分类 Classification of lamp types



产品参数 Product Parameters

型号 Model	THFL03-200W	THFL03-400W	THFL03-600W	THFL03-800W	THFL03-1000W
功率 Power	200W	400W	600W	800W	1000W
电压 Voltage	AC100-277V				
频率 Frequency Range	50-60HZ				
功率因素 Power Factor	>0.97				
色温 Color Temperature	2700-6500K				
灯珠品牌 Lamp Brand	SMD2835/SMD5050				
IP 等级 IP Rating	IP65				
显色指数 Colour Rendering Index	CRI ≥ 70				
光效 Luminous Efficiency	120-150lm/W				
工作温度 Working Temperature	-40°C ~+45°C				
防护触电等级 Safety Class	Class II				
IK 等级 Shork Protection IK	IK 10				
寿命 Life	50000H				
样品长 * 宽 * 高 (毫米) Sample L*W*H (mm)	586*231*220	586*336*220	586*496*220	598*662*220	598*752*220
样品重量 Sample Weight	4.6kg	7.3kg	9.8kg	13kg	16kg

THFL04

球场灯

Stadium Lights

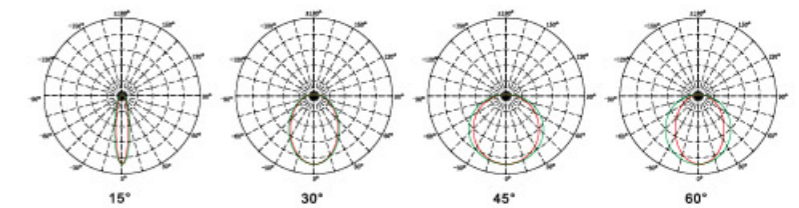
	CRI	PF			
AC100-300V	>80	>0.95	10%-90%	+50°C -35°C	50,000h



产品说明 Product Description

- 支架可调节。
- 专业防水结构，多重密封处理，防护等级 IP65。
- 整灯采用透镜 + 玻璃 + 卡扣结构，防水更可靠。
- 片式散热，高纯铝冲压成型，空气对流。
- 散热迅速，发光面更大，光效高。
- The bracket is adjustable.
- Professional waterproof structure with multiple sealing treatments, and the protection level is IP65.
- The whole lamp adopts a lens + glass + buckle structure, making waterproofing more reliable.
- Plate-type heat dissipation, formed by stamping high-purity aluminum, with air convection.
- It features rapid heat dissipation, a larger light-emitting surface, and high light efficiency.

配光曲线 Light Distribution Curve



产品参数 Product Parameters

型号 Model	THFL04-500W	THFL04-1000W	THFL04-1500W	THFL04-2000W	THFL04-3000W	THFL06-4000W
功率 Power	500W	1000W	1500W	2000W	3000W	4000W
电压 Voltage	AC100-277V					
频率 Frequency Range	50-60HZ					
功率因素 Power Factor	>0.97					
色温 Color Temperature	2700-6500K					
灯珠品牌 Lamp Brand	SMD3535/SMD3737					
IP 等级 IP Rating	IP65					
显色指数 Colour Rendering Index	CRI ≥ 70					
光效 Luminous Efficiency	120-150lm/W					
工作温度 Working Temperature	-40°C ~+45°C					
防护触电等级 Safety Class	class I					
IK 等级 Shork Protection IK	IK 10					
寿命 Life	50000H					
样品长 * 宽 * 高 (毫米) Sample L*W*H (mm)	570*380*320	570*635*320	570*885*320	570*1140*320	1090*885*320	1090*1140*320
样品重量 Sample Weight	9.3kg	15kg	22.2kg	30.2kg	49.2kg	69.2kg

THFL05

球场灯

Stadium Lights



AC100-300V	CRI >80	PF >0.95	10%~90%	+50°C -35°C	50,000h
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产品说明 Product Description

- 支架可调节。
- 专业防水结构，多重密封处理，防护等级 IP65。
- 整灯采用透镜+玻璃+卡扣结构，防水更可靠。
- 片式散热，高纯铝冲压成型，空气对流。
- 散热迅速，发光面更大，光效高。
- The bracket is adjustable.
- Professional waterproof structure with multiple sealing treatments, and the protection level is IP65.
- The whole lamp adopts a lens + glass + buckle structure, making waterproofing more reliable.
- Plate-type heat dissipation, formed by stamping high-purity aluminum, with air convection.
- It features rapid heat dissipation, a larger light-emitting surface, and high light efficiency.

灯型分类 Classification of lamp types



产品参数 Product Parameters

型号 Model	THFL05 -500W	THFL05 -800W	THFL05-1200W
功率 Power	500W	800W	1200W
电压 Voltage	AC100-277V		
频率 Frequency Range	50-60HZ		
功率因素 Power Factor	>0.97		
色温 Color Temperature	3000K/4000K/6500K		
灯珠品牌 Lamp Brand	3030/5050/3737/3535		
IP 等级 IP Rating	IP65		
显色指数 Colour Rendering Index	CRI ≥ 70		
光效 Luminous Efficiency	120-200lm/W		
工作温度 Working Temperature	-30°C ~+50°C		
防护触电等级 Safety class	class I		
IK 等级 Shork protection IK	IK 10		
寿命 Life	50000H		
样品长*宽*高 (毫米) Sample L*W*H (mm)	580*580*420	675*675*225	675*675*225
样品重量 Sample Weight	9.85kg	9.95kg	14.28kg

THFL06

球场灯

Stadium Lights



AC100-300V	CRI >80	PF >0.95	10%~90%	+50°C -35°C	50,000h
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灯型分类 Classification of lamp types



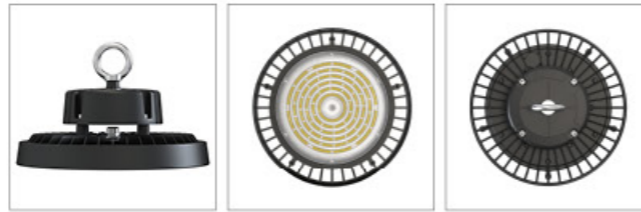
产品参数 Product Parameters

型号 Model	THFL06-200W	THFL06-300W	THFL06-400W	THFL06-600W
功率 Power	200W	300W	400W	600W
电压 Voltage	AC100-277V			
频率 Frequency Range	50-60HZ			
功率因素 Power Factor	>0.97			
色温 Color Temperature	2700-6500K			
灯珠品牌 Lamp Brand	SMD3030/SMD2835			
IP 等级 IP Rating	IP65			
显色指数 Colour Rendering Index	CRI ≥ 70			
光效 Luminous Efficiency	120-150lm/W			
工作温度 Working Temperature	-40°C ~+45°C			
防护触电等级 Safety class	Class II			
IK 等级 Shork protection IK	IK 10			
寿命 Life	50000H			
样品长*宽*高 (毫米) Sample L*W*H (mm)	330*320*165	390*370*165	450*435*165	550*550*165

THUFO01

工矿灯

Industrial and mining lamps



产品参数 Product Parameters

型号 Model	THSL01-80W	THSL01-150W	THSL01-200W	THSL01-200W	THSL01-200W	THSL01-360W
功率 Power	60-80W	120-150W	160-200W	160-200W	160-200W	210-360W
电压 Voltage	AC100-277V					
频率 Frequency Range	50/60HZ					
功率因素 Power Factor	>0.95					
色温 Color Temperature	3000-6000K					
灯珠品牌 Lamp Brand	Philips					
IP 等级 IP Rating	IP65					
显色指数 Colour Rendering Index	CRI>70					
光效 Luminous Efficiency	110-150lm/W					
工作温度 Working Temperature	-40° C-50° C					
防护触电等级 Safety Class	Class II					
IK 等级 Shok Protection IK	IK08					
寿命 Life	50000H					
样品长 * 宽 * 高 (毫米) Sample L*W*H (mm)	Φ235*105	Φ255*111	Φ305*117	Φ360*122	Φ385*130	Φ500*130



THUFO03

工矿灯

Industrial and mining lamps



产品参数 Product Parameters

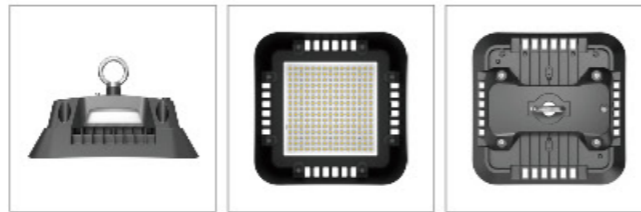
型号 Model	THUFO03-100W	THUFO03-150W	THUFO03-200W	THUFO03-240W
功率 Power	100W	150W	200W	240W
电压 Voltage	AC100-277V			
频率 Frequency Range	50/60HZ			
功率因素 Power Factor	>0.95			
色温 Color Temperature	3000-6000K			
灯珠品牌 Lamp Brand	Philips			
IP 等级 IP Rating	IP65			
显色指数 Colour Rendering Index	CRI>70			
光效 Luminous Efficiency	110-150lm/W			
工作温度 Working Temperature	-40° C-50° C			
防护触电等级 Safety Class	Class II			
IK 等级 Shok Protection IK	IK08			
寿命 Life	50000H			
样品长 * 宽 * 高 (毫米) Sample L*W*H (mm)	Φ280*49	Φ340*52	Φ400*52	Φ400*56



THUFO02

工矿灯

Industrial and mining lamps



产品参数 Product Parameters

型号 Model	THUFO02-100W	THUFO02-150W	THUFO02-240W
功率 Power	100W	150W	240W
电压 Voltage	AC100-277V		
频率 Frequency Range	50/60HZ		
功率因素 Power Factor	>0.95		
色温 Color Temperature	3000-6000K		
灯珠品牌 Lamp Brand	Philips		
IP 等级 IP Rating	IP65		
显色指数 Colour Rendering Index	CRI>70		
光效 Luminous Efficiency	110-150lm/W		
工作温度 Working Temperature	-40° C-50° C		
防护触电等级 Safety Class	Class II		
IK 等级 Shok Protection IK	IK08		
寿命 Life	50000H		
样品长 * 宽 * 高 (毫米) Sample L*W*H (mm)	263*263*45	314*314*45	314*314*45



THUFO04

工矿灯

Industrial and mining lamps



产品参数 Product Parameters

型号 Model	THUFO04-100W	THUFO04-150W	THUFO04-200W	THUFO04-240W
功率 Power	100W	150W	200W	240W
电压 Voltage	AC100-277V			
频率 Frequency Range	50/60HZ			
功率因素 Power Factor	>0.95			
色温 Color Temperature	3000-6000K			
灯珠品牌 Lamp Brand	Philips			
IP 等级 IP Rating	IP65			
显色指数 Colour Rendering Index	CRI>70			
光效 Luminous Efficiency	110-150lm/W			
工作温度 Working Temperature	-40° C-50° C			
防护触电等级 Safety Class	Class II			
IK 等级 Shok Protection IK	IK08			
寿命 Life	50000H			
样品长 * 宽 * 高 (毫米) Sample L*W*H (mm)	Φ249*55	Φ299*58	Φ345*60	Φ345*70



Engineering Cases

工程案例

