

**Tron-top**

**AXE**

**led garden light**

Garden light version

Street light version

**TR-S05 Series**

**30W**

**45W/50W**

**60W/75W**

**100W**

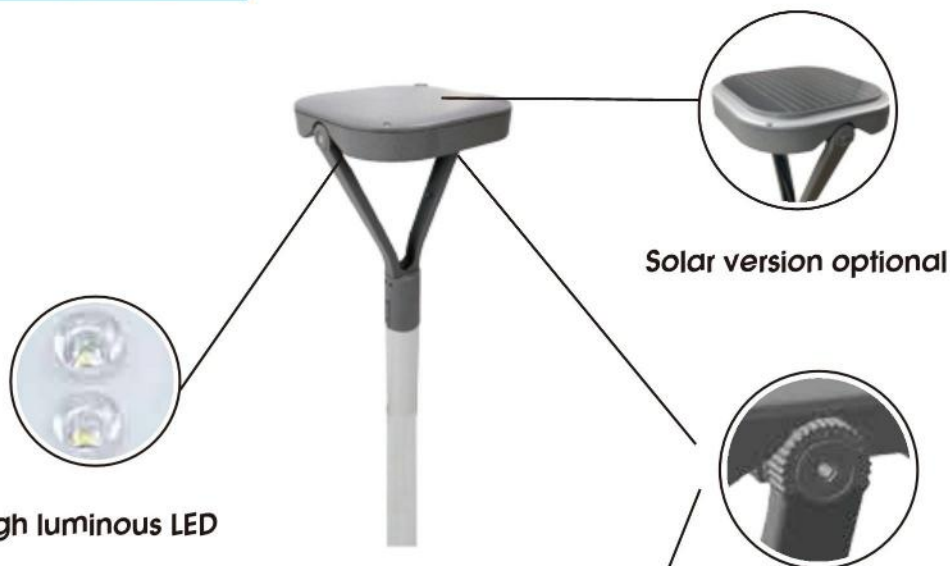


## PRODUCT PICTURES

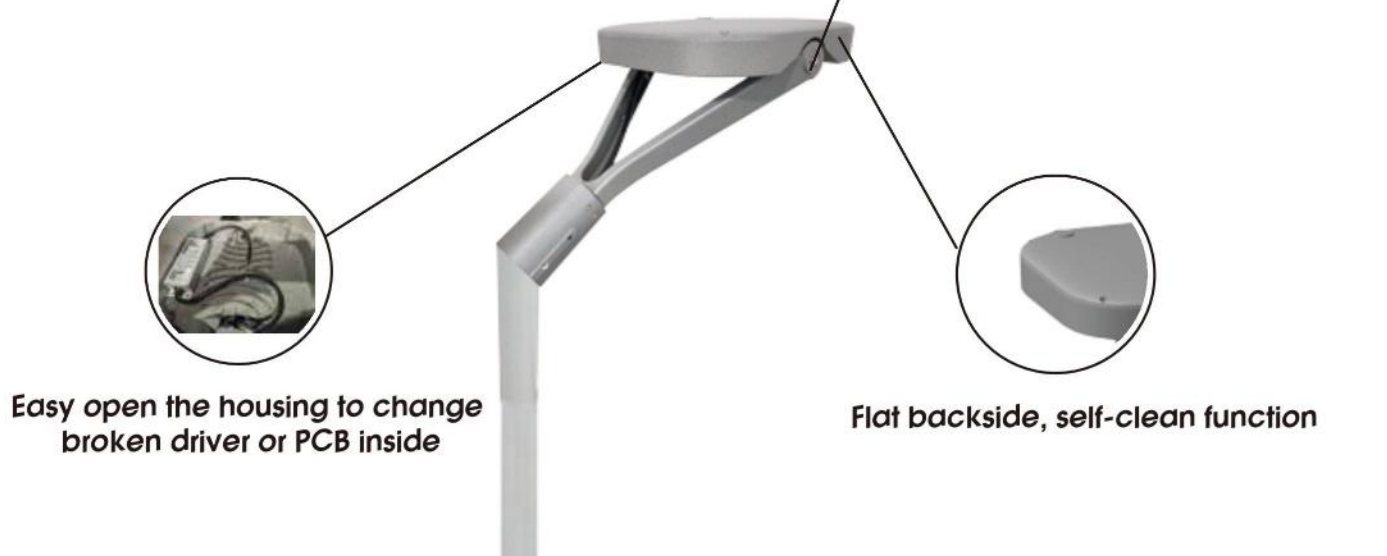


### CHARACTER

#### Garden light version



#### Street light version



### SPECIFICATION

#### Electricity Version

Rated power	30W	45W/50W	60W/75W	100W
Luminous efficiency	Up to 160-170lm/w( $\eta_{TM}=185lm/W=$ B level in new Erp.)			
Color temperature	CW(6500K), NW(4000K), WW(3000K)			
Color rendering index	70/80			
IP rating	IP65			
IK rating	IK08			
Electrical class	Class I			
Working temperature	-20 °C to 50 °C (Ta 35 °C)			
Working humidity	20%-90% RH			
Lifespan	50000 hrs			
Beam angle	120°			
Input Voltage	85-305V AC 50-60Hz			
Power factor	0.9			
Surge protection rating	Up to 10KV			
Installation	Screw mounting			
Body material	Aluminum Die casting body, tempered glass cover			
Size	301*301*441mm			

#### Pure Solar Version

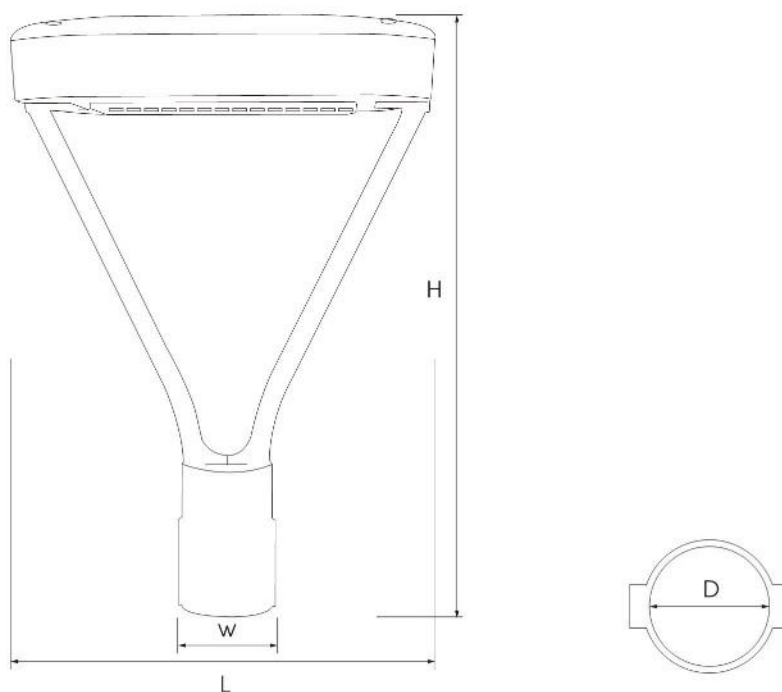
Rated power	6W
Luminous	1000 lm
Battery	9.6V 4.6AH LiFePO4 Battery
Solar panel	15V 9W Monocrystalline silicone
Charging time	7 hrs
Light Source	2835 SMD 136pcs
Color temperature	CW(6500K), NW(4000K), WW(3000K)
Color rendering index	70/80
IP rating	IP65
IK rating	IK06(Ta 35 °C)
Electrical class	Class I
Working temperature	-20 °C to 50 °C
Beam angle	120°
Control mode	Light-operated + time control + sensor + remote control
Installation	Screw mounting
Body material	Aluminum Die casting body, tempered glass cover
Size	301*301*441mm

### SPECIFICATION

#### Hybrid Version

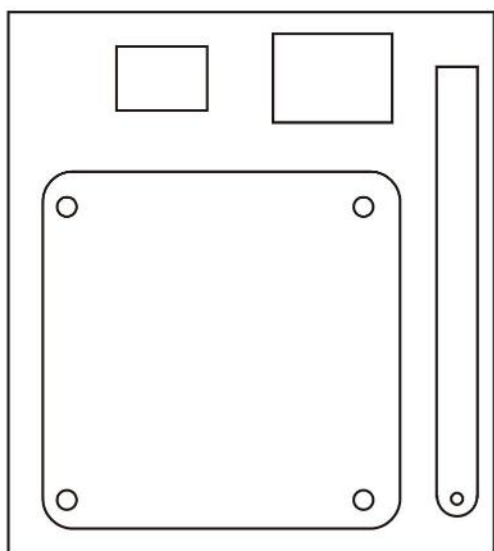
Rated power	13W
Luminous	2000 lm
Battery	9.6V 4.6AH LiFePO4 Battery
Solar panel	15V 9W Monocrystalline silicone
Charging time	7 hrs
Light Source	2835 SMD 136pcs
Color temperature	CW(6500K), NW(4000K), WW(3000K)
Color rendering index	>80
IP rating	IP65
IK rating	IK06(Ta 35 C)
Working temperature	-20°C to 50°C
Beam angle	120°
Installation	Screw mounting
Body material	Aluminum Die casting body, tempered glass cover
Size	301*301*441mm
Notice	When the battery is not enough output voltage or broken, the control system will allow the LEDS to be turned on by the electricity of 230V AC.

### DIMENSION & WEIGHT



Rated power		30W	45W/50W	60W/75W	100W
Dimension	L	301mm	301mm	301mm	301mm
	W	74mm	74mm	74mm	74mm
	H	441mm	441mm	441mm	441mm
	D	66.6mm	66.6mm	66.6mm	66.6mm
Weight		3.2kg	3.4kg	3.6kg	3.8kg

### PACKAGING



#### Packaging way:

White box + a color sticker / color box packaging.

One piece in one inner box, with foam protect in both ends of the product.

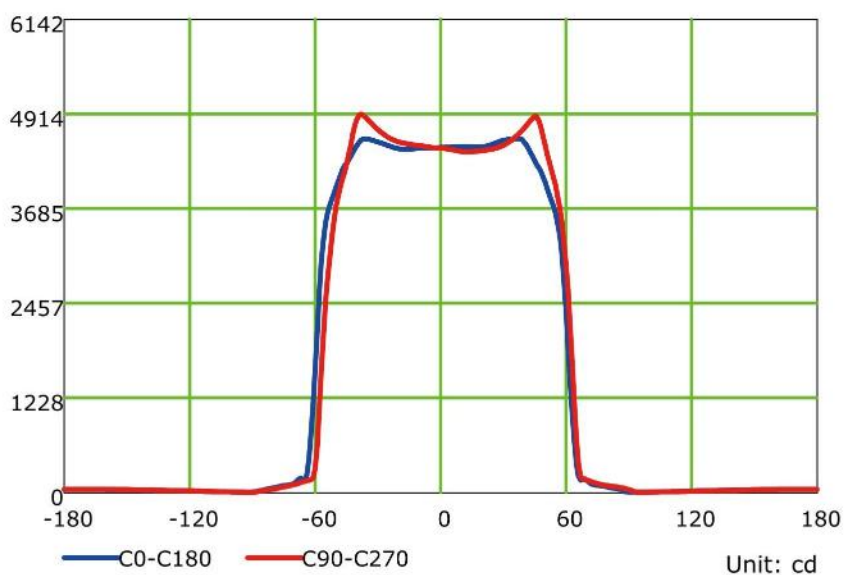
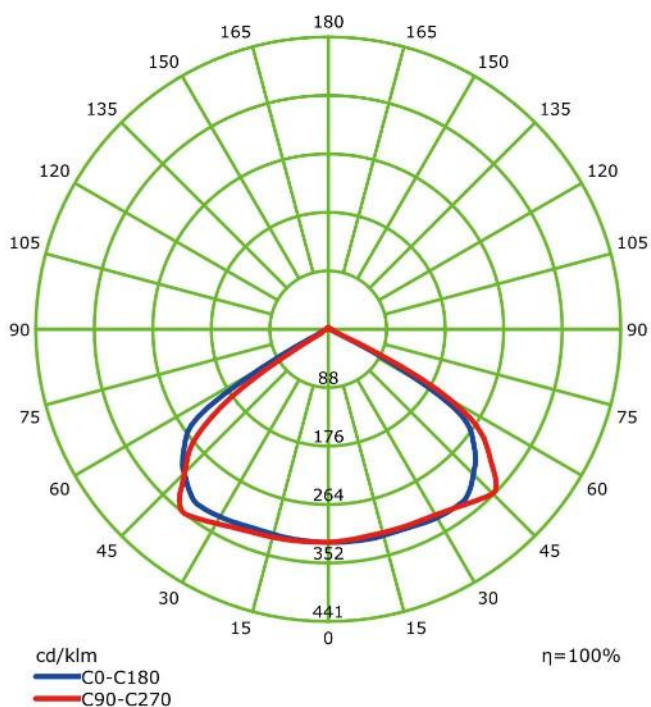
Four pcs in one outer carton.

Rated power		30W	45W/50W	60W/75W	100W
Pcs/ctn		4	4	4	4
Dimension	Inner box	410*385*120mm	410*385*120mm	410*385*120mm	410*385*120mm
	Outer carton	42.5*40*51cm	42.5*40*51cm	42.5*40*51cm	42.5*40*51cm
Weight	G.W.	14.8kg	15kg	15.2kg	15.4kg
	N.W.	13.8kg	14kg	14.2kg	14.4kg

### DISTRIBUTION CURVE

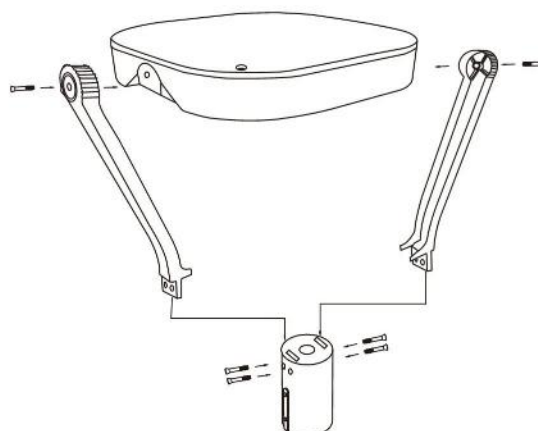
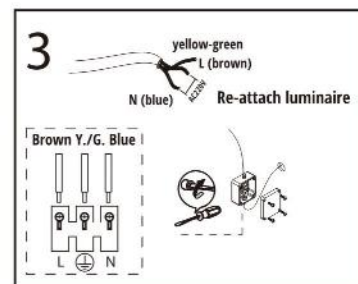
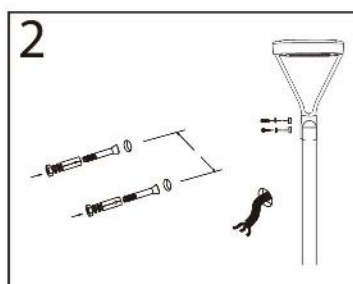
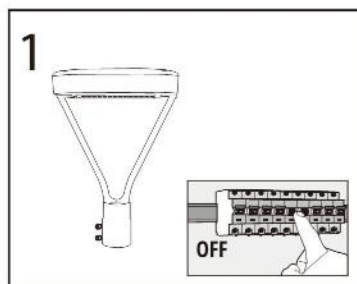
#### Type II (120°)

Luminous Intensity Distribution Curve(cd/klm)



### INSTALLATION

#### Light pole installation



Replace each cracked protective screen



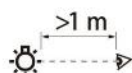
Angle adjustable



The lamp is designed for dimming



Caution: risk of electric shock



Minimum distance from illuminated object - 1 m



Requires grounding



Do not stare at the working light source



Outdoor use device

### ATTENTION

1. Before installing the product, be sure to read the manual and keep it for future reference.
2. The mounting should be performed by a person with appropriate qualifications.
3. Be careful and always follow appliance instructions for improved electrical safety.
4. All steps related to mounting, repairing, maintenance or adjustment should be carried out with the power turned off (the power should be disconnected at least 10 minutes before the planned work).
5. For proper use of the product, free air access should be provided.
6. The product should be installed only out of reach of hands.
7. During external assembly use a rubber power cable with diameter of minimum 1,0 mm<sup>2</sup>.
8. The warranty does not cover defects and damages that are effects from natural wear and usage contrary to the intended.
9. The light source inside the luminaire is not replaceable.
10. Do not install the device with visible damage to the housing or the power cord.
11. It is allowed to install directly only on a normally flammable substrate (i.e. with a flash point of at least 200 °C, which does not deform or soften at this temperature, e.g. wood and wood-based materials with a thickness greater than 2mm) or non-flammable (i.e. one that does not support combustion, e.g. metal, plaster, concrete).