

# ROAD LIGHTING

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Indoor lighting Jiuzhou Optoelectronic Technology focuses on creating safe, comfortable, healthy, environmental protection, high efficiency and energy saving of road lighting environment, including solution construction, lighting design, lighting solutions and technical support services, etc.





6 / 8 modules

LED Harmonious street light Series

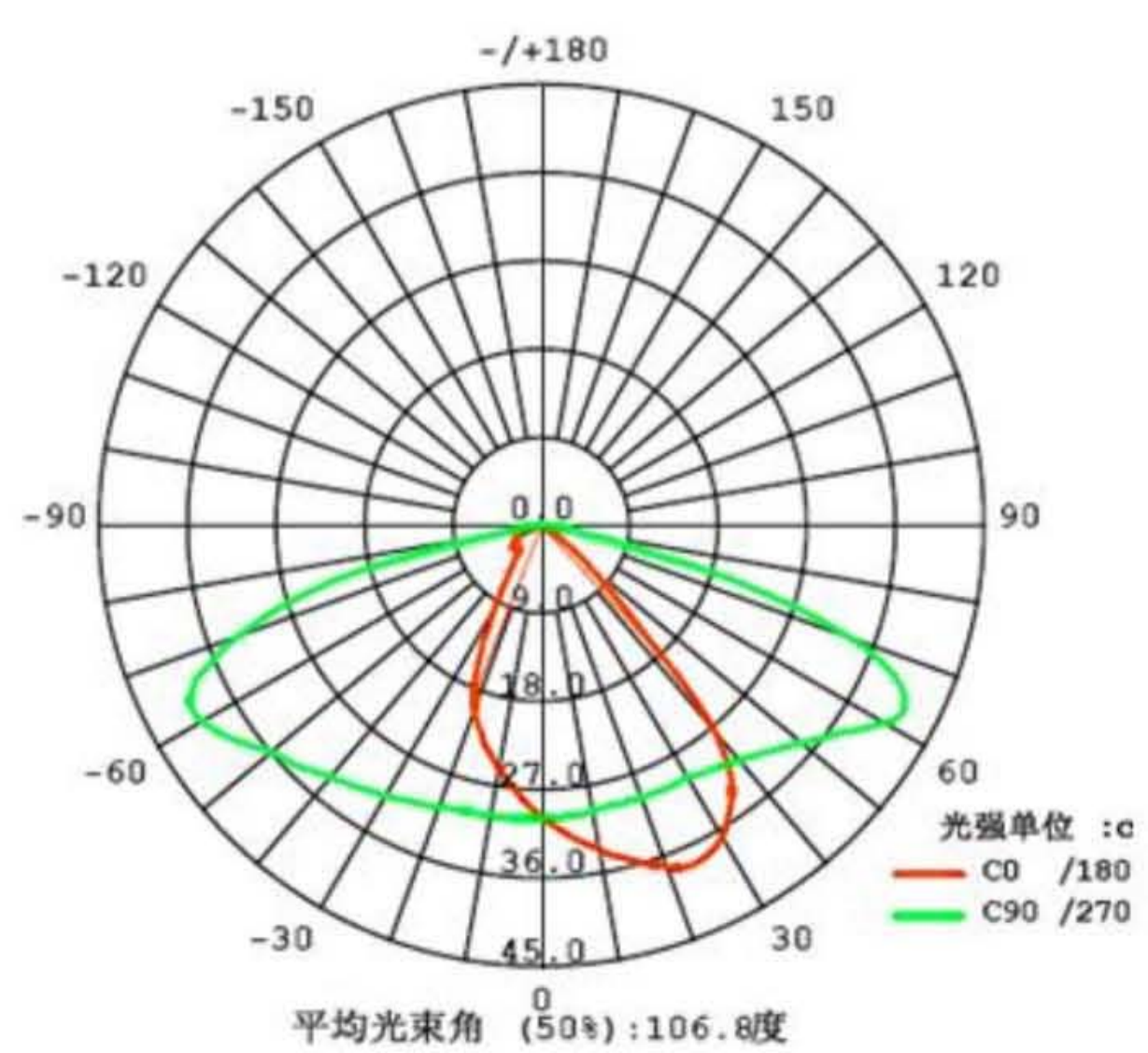
Design Concept

"Harmonious" high power LED street light is Jiuzhou's newest product. It adopts streamlined design, very elegant and fashionable. This item fully considers bad ambient conditions such as cold temperature and heavy snow. Color of shell is changeable, red; yellow and blue are for option. And intelligent control dimmable in whole stage is available.

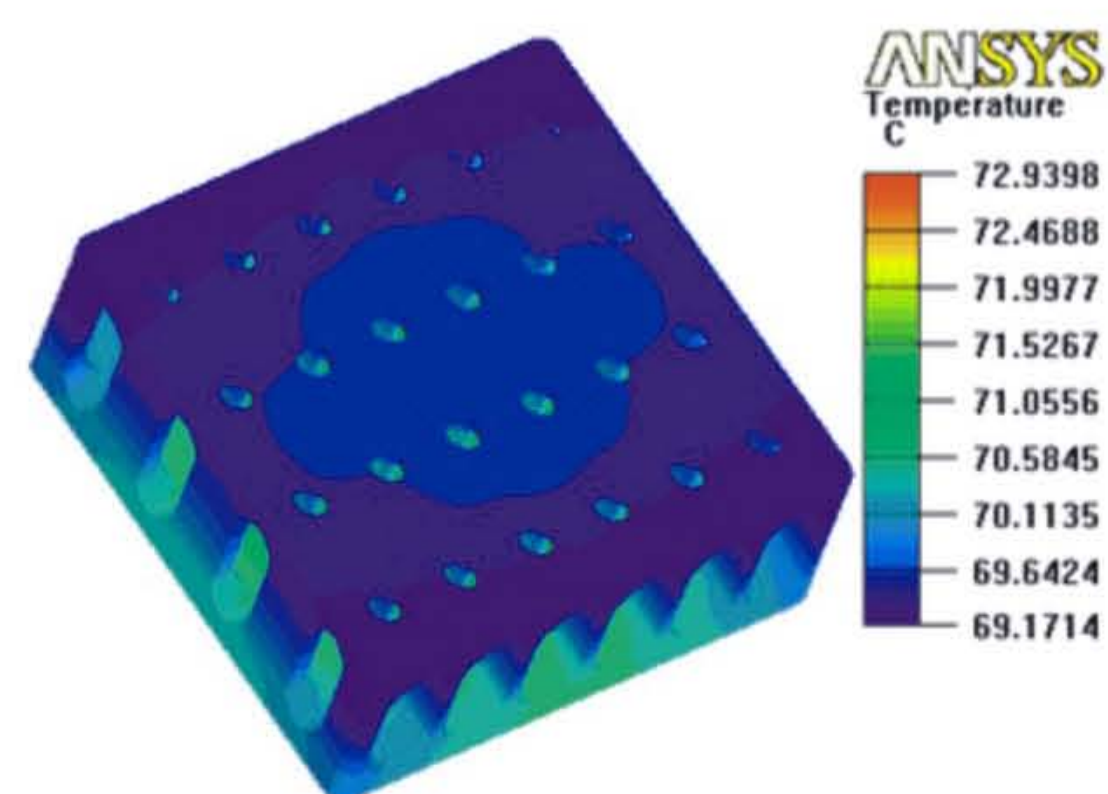
Specifications

Model No: JZSL-HA-750150(200)AU60	Power consumption: 175W/235W/280W
Power supply: AC100-240V, 50/60Hz	CCT: 4300-5000K
Power efficiency: ≥92%	Luminous flux: 14000/ 18000/ 22000lm
Power factor: ≥0.95	Ingress protection: IP65
Operating temperature: -35°C~+45°C/10~90%	Lamp post interface: 60mm
Dimensions: 920x390x280	Net weight: 18~18.5Kg
Other functions: Adaptable to armless lamp post	Other functions: PLC intelligent light control/ PWM control /DALI control

Distribution Curve



LED Module



Product feature

Innovative integrated design of heat sink, cooling technology of independent module.

Advanced LED optical technology, high output efficiency, good quality light distribution, meet national latest road lighting standards.

Reliable LED module technology, very low thermal resistance and use international famous LED chips, power conversion efficiency is over 90%.

Meet the reliable requirements of outdoor street light and its lifespan is more than 30000hours.

Adapted to harsh climatic conditions (large temperature difference, snow accumulation, icicle phenomenon, sands, etc)

Communication base station-level lightning protection, single branch driver reaches accurate constant current, extra-low voltage power supply, high conversion efficiency, advanced intelligent power supply control system, MCU intelligent control (time, half-power, LED driver voltage intelligent detection, Remote Control- wireless or power line carrier, fully software intelligent control of light), saving more energy and easier to manage.

Product Application

Road lighting, highway, street, square, etc





2 / 3 modules

LED Harmonious street light Series

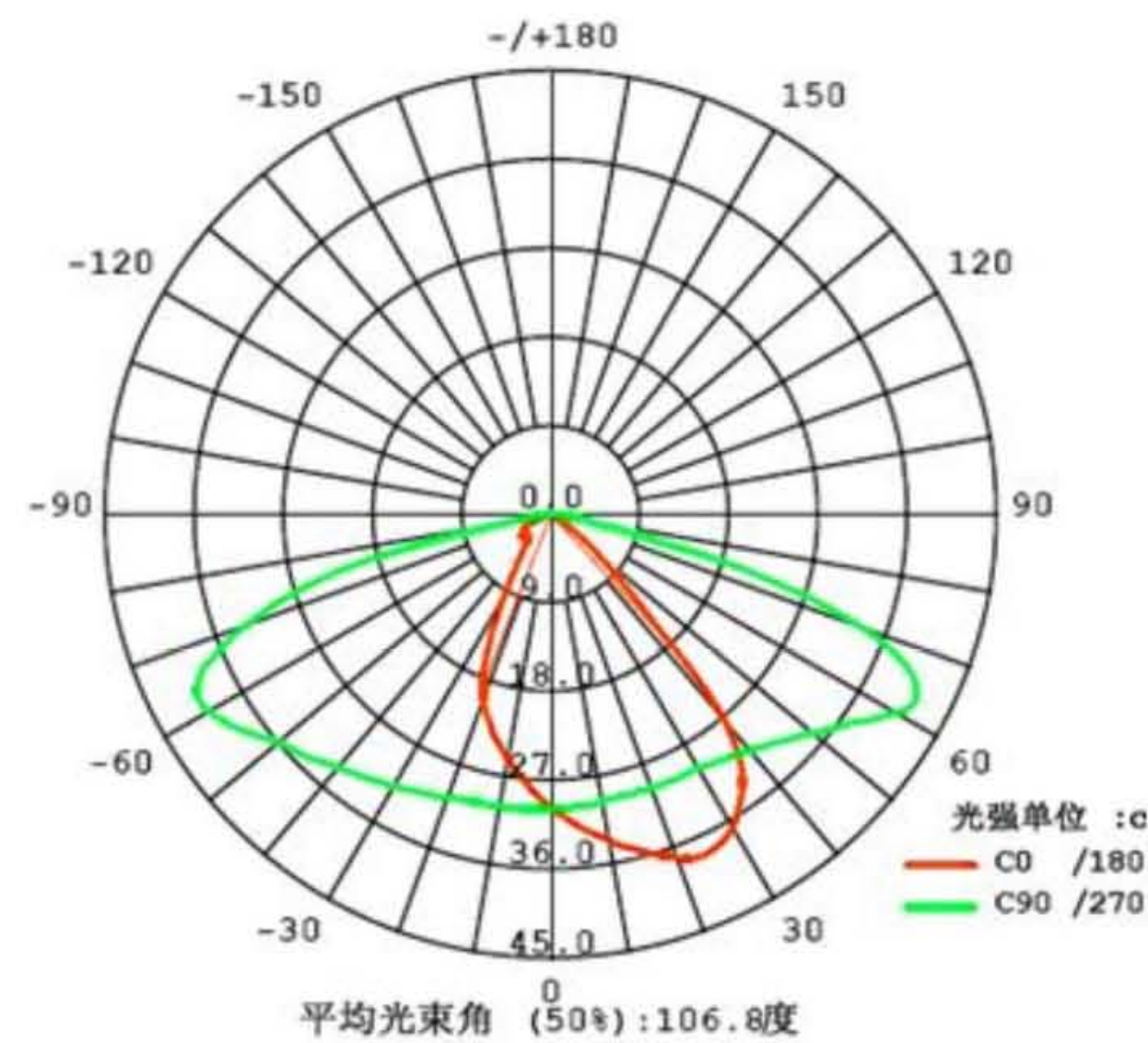
Design Concept

“Harmonious light” high power LED street light is Jiuzhou’s newest product. It adopts streamlined design, which is very elegant and fashionable. This series fully considers the unpleasant weather in the north and snow-preventing performance is remarkable. The color of shell is optional, such as red, yellow and blue. And you also can choose different intelligent control and different period of whole wavelength dimmer.

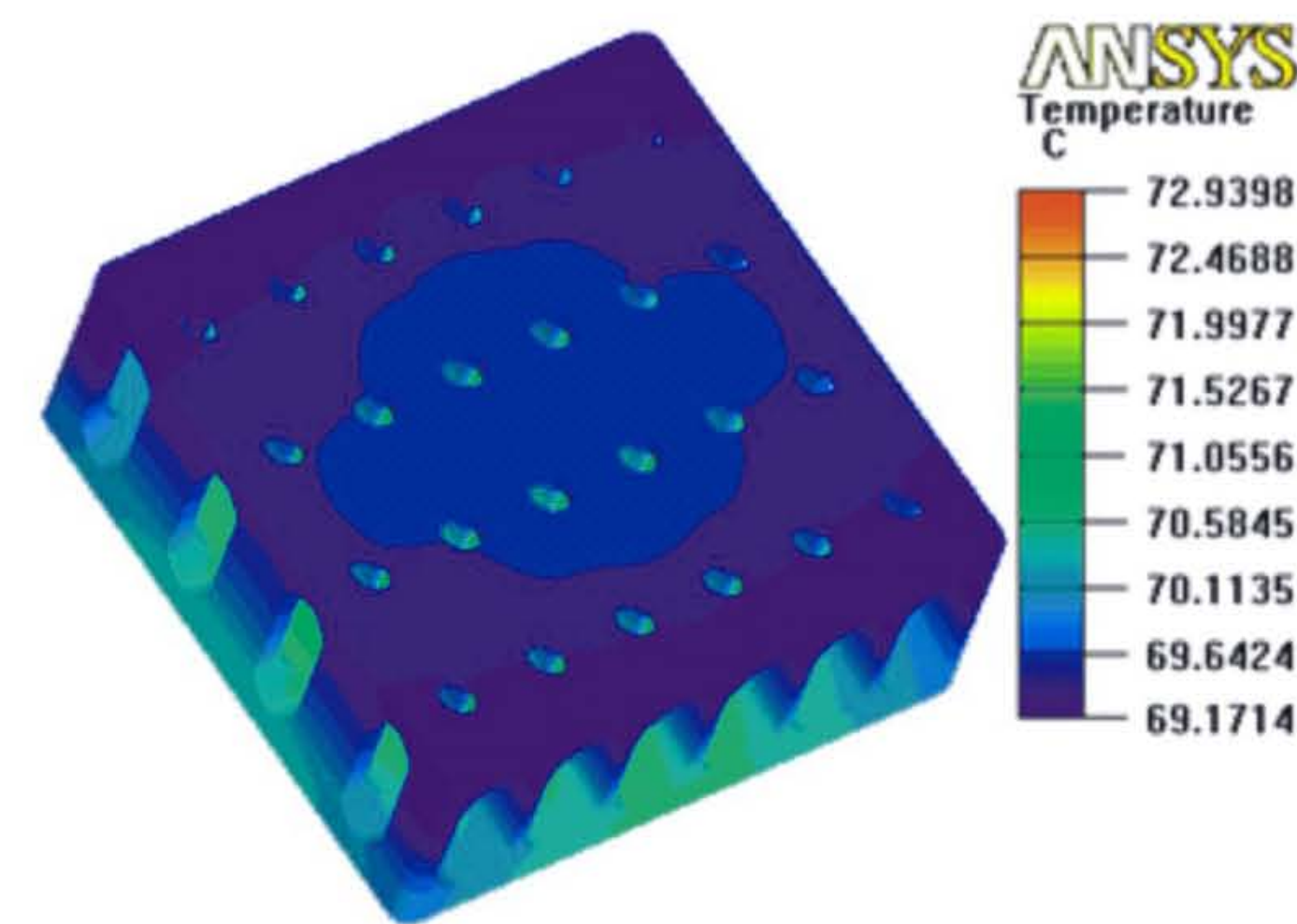
Specifications

Model No: JZSL-HA-7500095(125/175)AU48	Power consumption: 65W/95W/125W/175W
Power supply: AC100-240V, 50/60Hz	CCT: 4300-5000K
Power efficiency: ≥92%	Luminous flux: 5000-13600lm
Power factor: ≥0.95	Ingress protection: IP65
Operating temperature: -35°C~+45°C/10~90%	Lamp post interface: 48mm
Dimensions: 663x262x190	Net weight: 8.5~9.5Kg
Other functions: Adaptable to armless lamp post	Other functions: PLC intelligent light control / PWM control / DALI control

Distribution Curve



LED Module



Product feature

Innovative integrated design of heat sink, cooling technology of independent module.

Advanced LED optical technology, high output efficiency, good quality light distribution, meet national latest road lighting standards.

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Communication base station-level lightning protection, single branch driver reaches accurate constant current, extra-low voltage power supply, high conversion efficiency, advanced intelligent power supply control system, MCU intelligent control (time, half-power, LED driver voltage intelligent detection, Remote Control- wireless or power line carrier, fully software intelligent control of light), saving more energy and easier to manage.

Product Application

Road lighting, highway, street, square, etc



LED LED wind light supplementary street light series

Features:

1. High energy saving efficiency, no need to pay fees for electricity when using natural resources.
2. No need laying down long cables engineering project and no need adopting the strong current suppression equipment
3. Free from the influence of the power supply and large scale of power off.
4. Save a lot of cable and the labor of laying cable
5. Intelligent control, no need human control, and simple construction.

Application:

Municipal street, (communication, microwave) station, border post, (remote, power shortage, seaside), villa, (new energy, environmental) parks, street, scenic spot, community, square.



Model NO.	Input(V)	Power(W)	Light source	Luminous flux(Lm)	CCT	Dimension(mm)	Material
JZSL-HA	DC12-60V	65	1Wx50pcs	4500 5000	4100±250K 5000±500K	663x262x190	Aluminum



Technology advantages

Compared with current technology

JZSL-HA series LED street light get the popularity and reputation of our customers for the energy saving characters (save up to 80% compared with the traditional energy saving lamps) .

Compared with the traditional light, JZSL-HA series LED street light has several advantages as below :

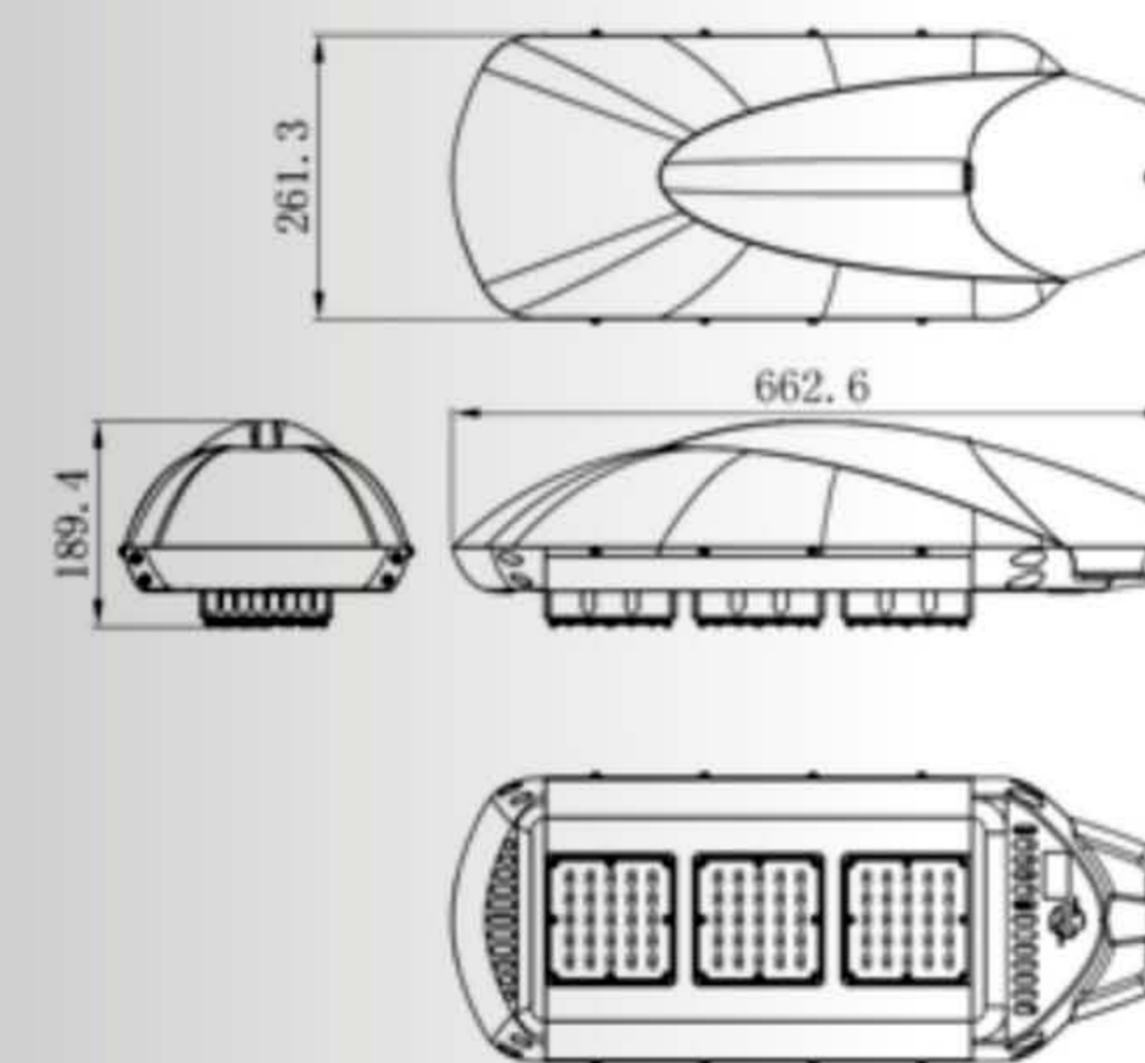
Module design, several years' research and reliable quality.

Perfect combination of power, ranges from 25W to 320W, Effectively meet the requirements of different roads.

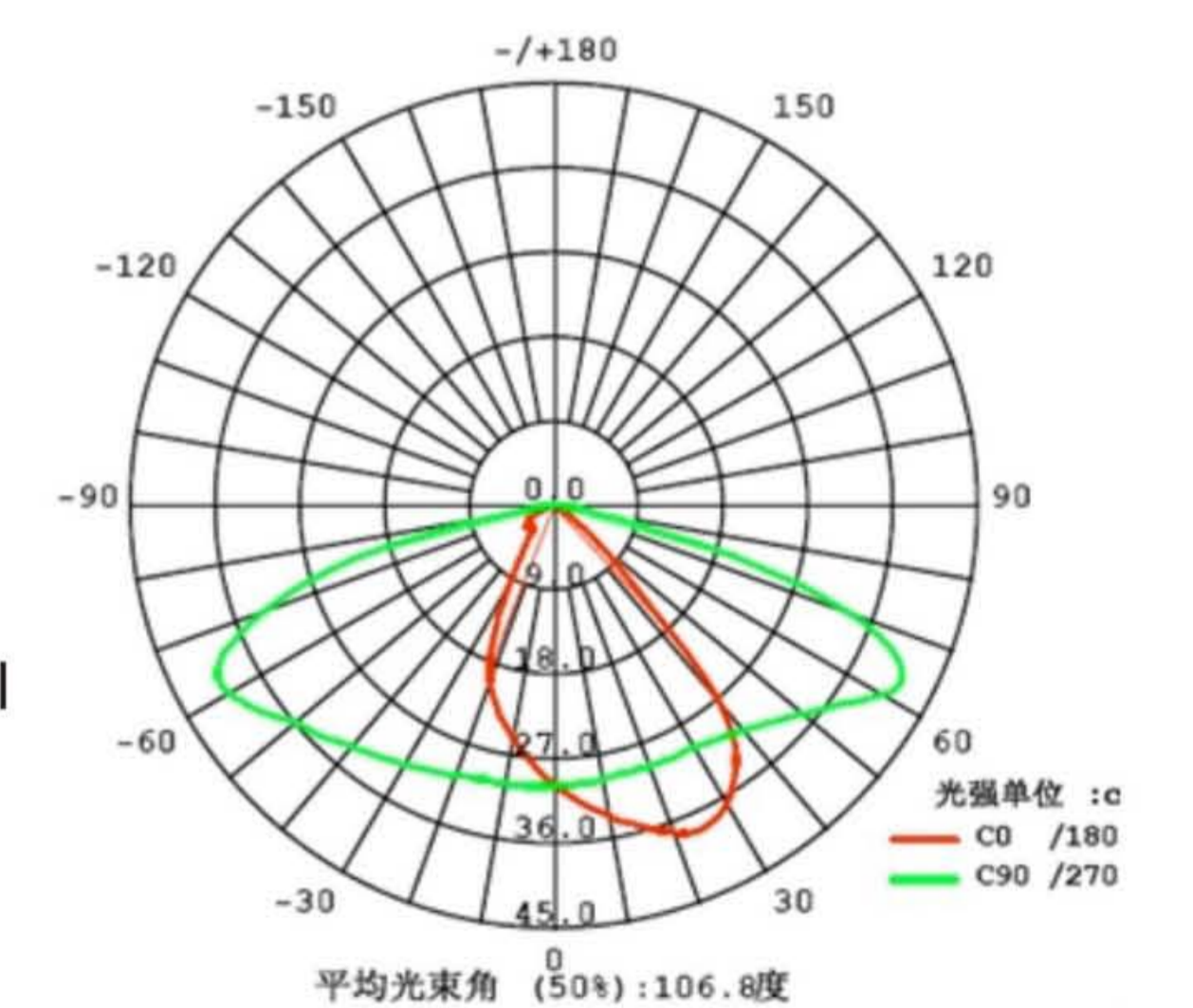
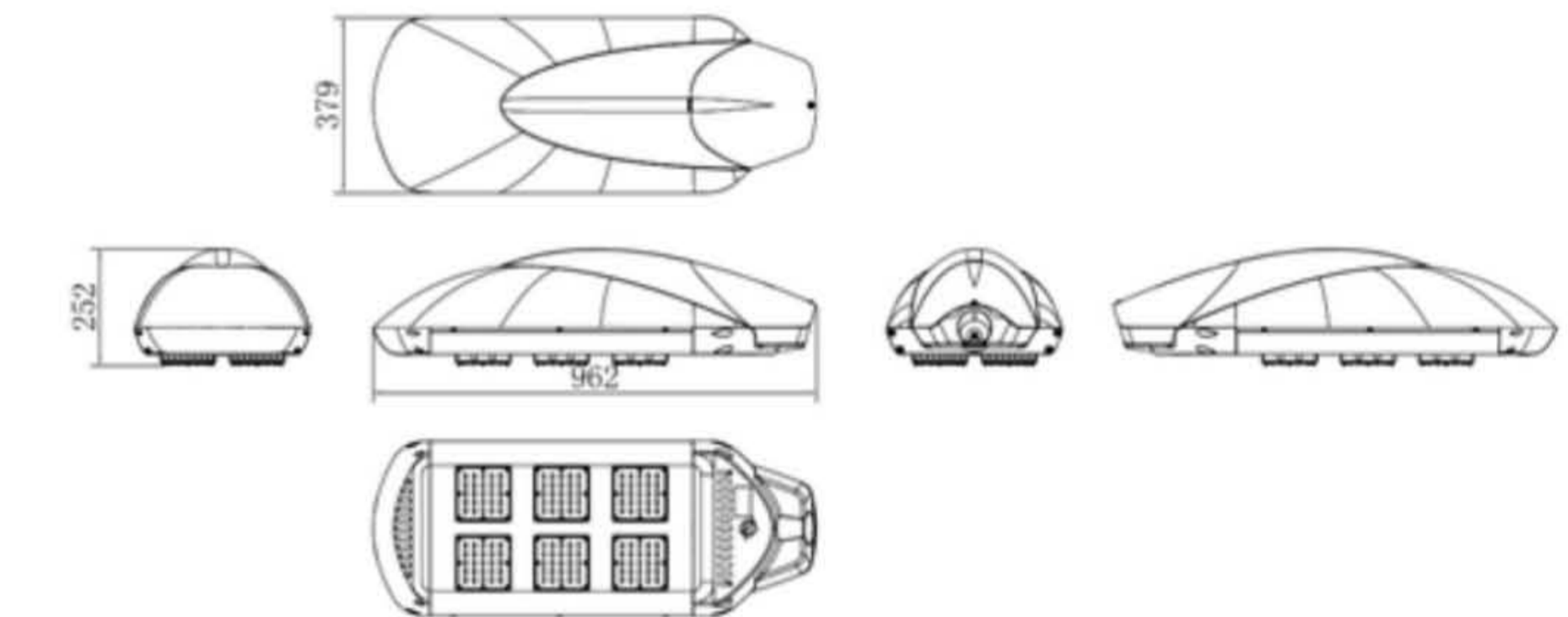
It consists of a unique light source module, which can be easily composed of 100W, 150W, 200W Harmony lamp series.

The integration of the lens module can easily meet the requirements of waterproof and dustproof for street light.

3 modules street light



6 modules street light



Innovation and superior heat sink technology to effectively improve the lighting efficiency and product reliability Self-developed patented technology, and natural convection cooling technology.

The heat sink module is made of aluminum, thus it has enough heat convection with the air, bringing amounts of heat to the air. The LED chips modules are exposed to the lamps, the cooling efficiency is very high, and applied for a patent.

Sophisticated optical light distribution, effectively meet the needs of road lighting.

Solve a polarizing issue, it looks more beautiful, and the curve is smoother.

