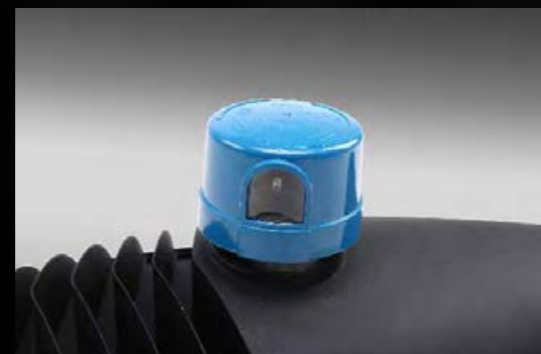






10-20KV浪涌防雷器(可选购)
10-20KV Surge Protector(Optional)



可更换光感探头
Replaceable Photocell



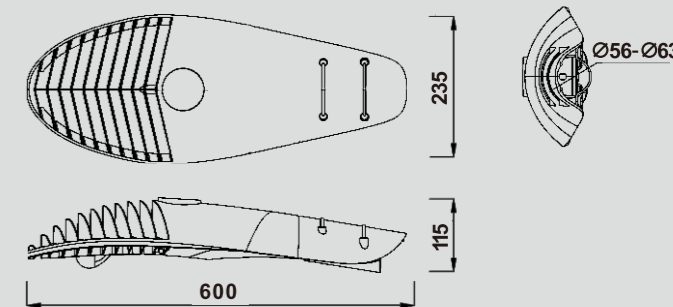
系列专利透镜
Patent lens series



可选颜色/ Optional color



产品尺寸/ Products dimension(mm)



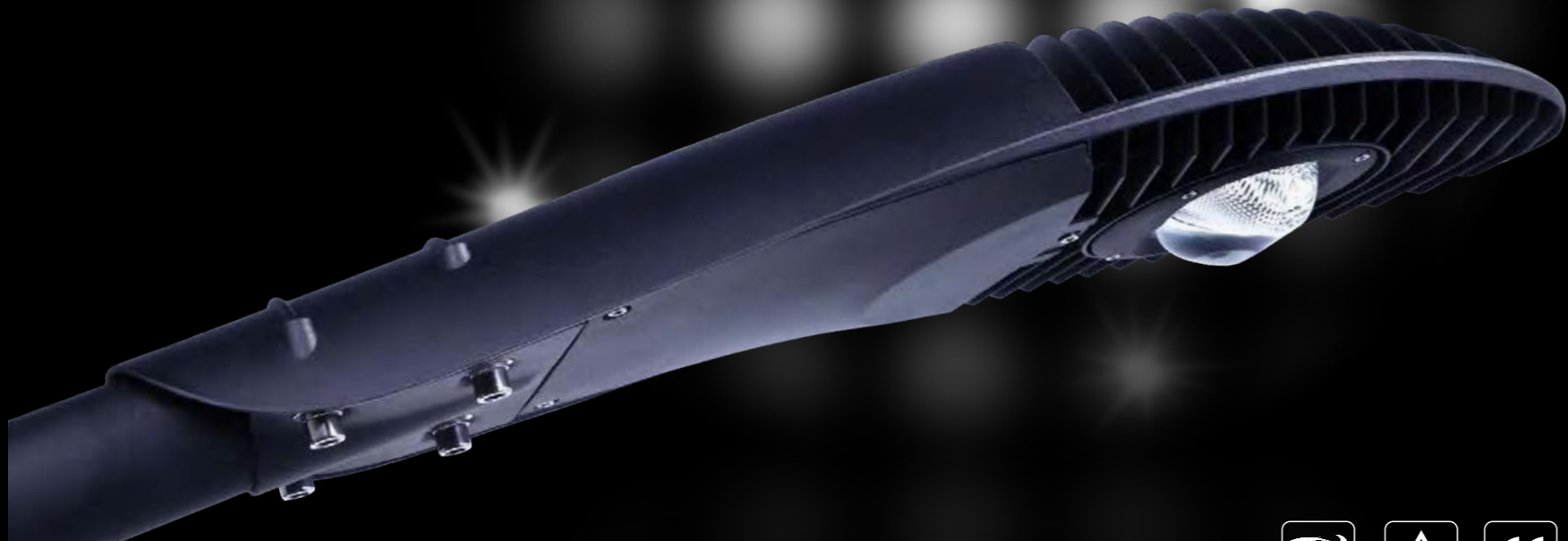
结构特点/ Lamps structure characteristic



可更换光感(可选购)
Photocell (Optional)

技术参数/ Specification

项目	Item	KT5802(3)-20W	KT5802(3)-30W	KT5802(3)-40W	KT5802(3)-50W
光效(lm/w)	Efficiency(lm/w)	>100lm/W	>100lm/W	>100lm/W	>100lm/W
色温(K)	Color Temperature	2700-6500k	2700-6500k	2700-6500k	2700-6500k
显色指数	Color Rendering Index	Ra>70	Ra>70	Ra>70	Ra>70
防护等级	Protection Grade	IP66	IP66	IP66	IP66
净量(kg)	Net weight(kg)	4.0KG	4.1KG	4.2KG	4.4KG
毛重(kg)	Gross weight(kg)	4.8kg	4.9kg	5.0kg	5.2kg
包装尺寸(CM)	Package size(CM)	65*28*16	65*28*16	65*28*16	65*28*16



可翻盖设计,便于维护
Renovate design,easy maintenance



不锈钢螺丝紧固
Stainless steel screw fasten



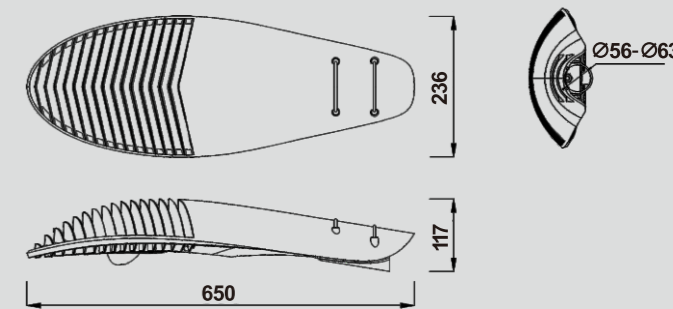
电源腔盖可拆卸
Dismountable power chamber



可选颜色/ Optional color



产品尺寸/ Products dimension(mm)



结构特点/ Lamps structure characteristic



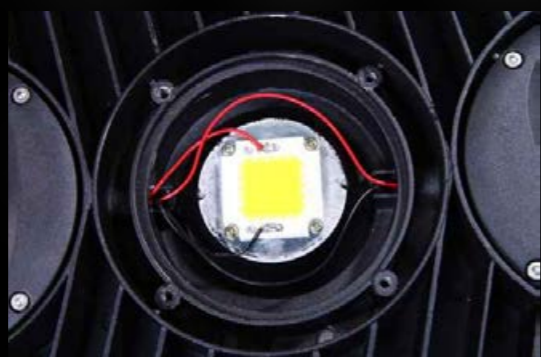
角度调节器配件(可选购)
Angle regulator accessory(Optional)

技术参数/ Specification

项目	Item	KTSL5802(2)-50W	KTSL5802(2)-60W	KTSL5802(2)-70W	KTSL5802(2)-80W
光效(lm/w)	Efficiency(lm/w)	>100lm/W	>100lm/W	>100lm/W	>100lm/W
色温(K)	Color Temperature	2700-6500k	2700-6500k	2700-6500k	2700-6500k
显色指数	Color Rendering Index	Ra>70	Ra>70	Ra>70	Ra>70
防护等级	Protection Grade	IP66	IP66	IP66	IP66
净量(kg)	Net weight(kg)	5.0kg	5.0kg	5.2kg	5.4kg
毛重(kg)	Gross weight(kg)	5.8kg	5.8kg	6.0kg	6.2kg
包装尺寸(CM)	Package size(CM)	71*31*18	71*31*18	71*31*18	71*31*18



普瑞/科锐/夏普/西铁城/日亚光源(通过LM-80认证)
Bridgelux/CREE/SHARP/CITIZEN/NICHIA COB LED
(passed LM-80 certification)



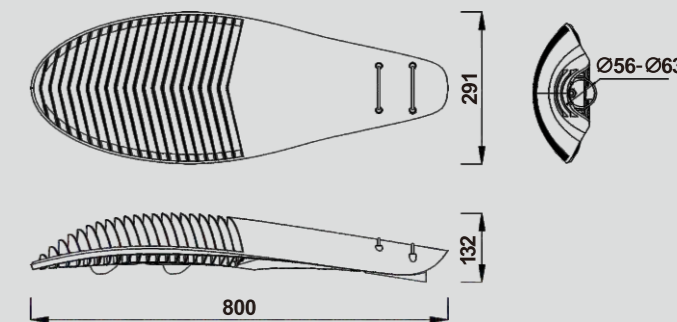
大功率集成封装光源
High power integrated packaging LED



IP66防护等级
IP66 protection grade



产品尺寸 / Products dimension (mm)



结构特点 / Lamps structure characteristic

表面静电喷涂,高导热,耐腐蚀
Surface electrostatic spraying, high thermal conductivity, corrosion resistance

铝合金材料一体化压铸成型,散热高效
Aluminum alloy integrated molding, better heat dissipation

专利透镜,出光率 > 90%,易于安装拆卸
Patent lens, light transmittance > 90%, easy to install and disassemble

技术参数 / Specification

项目	Item	KTSL5802(1)-80W	KTSL5802(1)-100W	KTSL5802(1)-120W
光效(lm/w)	Efficiency(lm/w)	>95lm/W	>95lm/W	>95lm/W
色温(K)	Color Temperature	2700-6500k	2700-6500k	2700-6500k
显色指数	Color Rendering Index	Ra>70	Ra>70	Ra>70
防护等级	Protection Grade	IP66	IP66	IP66
净量(kg)	Net weight(kg)	8.0kg	8.0kg	8.2kg
毛重(kg)	Gross weight(kg)	9.1kg	9.1kg	9.3kg
包装尺寸(CM)	Package size(CM)	87*35*18	87*35*18	87*35*18



质保5年电源
5 years warranty LED driver



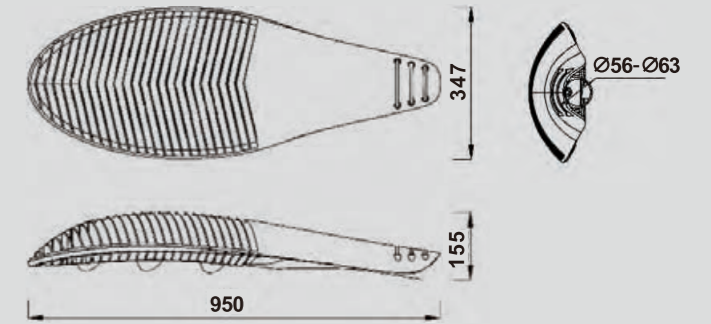
系列专利透镜
Patent lens series



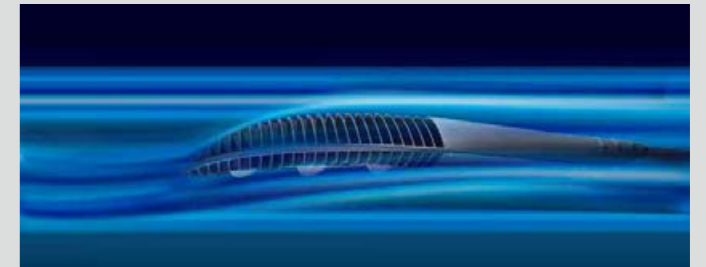
鳍片散热设计,一次压铸成型
Fins design integrated die-casting, better heat dissipation



产品尺寸 / Products dimension (mm)



结构特点 / Lamps structure characteristic



灯体流线型结构设计,散热高效,低风阻,自洁良好
Streamline structure design, better heat dissipation, low wind resistance
excellent self-cleaning performance.

技术参数 / Specification

项目	Item	KTSL5802-120W	KTSL5802-150W	KTSL5802-180W
光效(lm/w)	Efficiency(lm/w)	>100lm/W	>100lm/W	>100lm/W
色温(K)	Color Temperature	2700-6500k	2700-6500k	2700-6500k
显色指数	Color Rendering Index	Ra>70	Ra>70	Ra>70
防护等级	Protection Grade	IP66	IP66	IP66
净量(kg)	Net weight(kg)	12.0kg	12.0kg	12.3kg
毛重(kg)	Gross weight(kg)	13.4kg	13.4kg	13.7kg
包装尺寸(CM)	Package size(CM)	101*42*22	101*42*22	101*42*22

Lens & Light Distribution

透镜与配光曲线



▷ 150°发光角,非对称型配光
150°beam angle, asymmetric light distribution



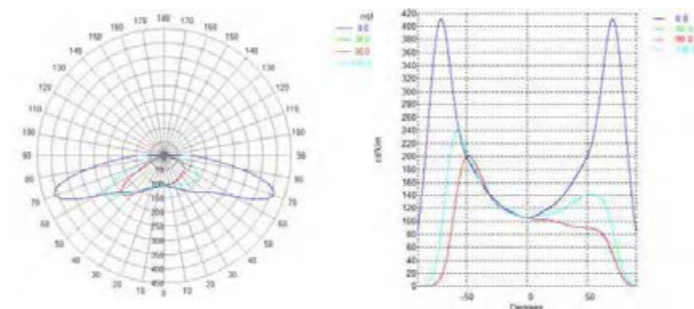
▷ 140°发光角,非对称型配光
140°beam angle, asymmetric light distribution



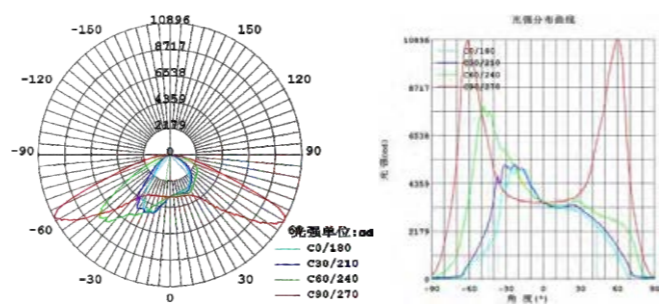
▷ 130°发光角,非对称型配光
130°beam angle, asymmetric light distribution



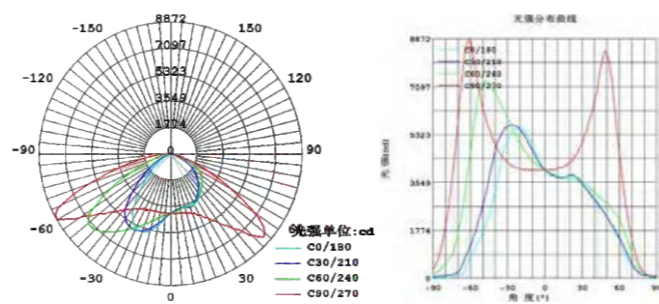
▷ 120°发光角,非对称型配光
120°beam angle, asymmetric light distribution



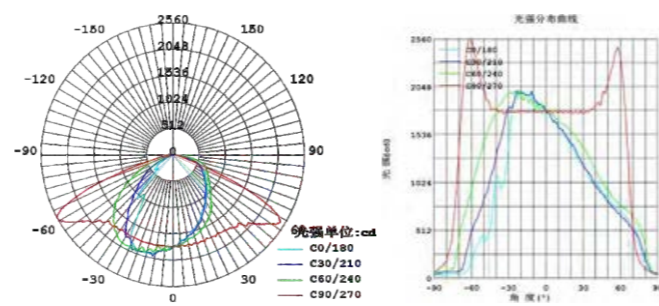
150° 配光曲线 150° Light distribution curve



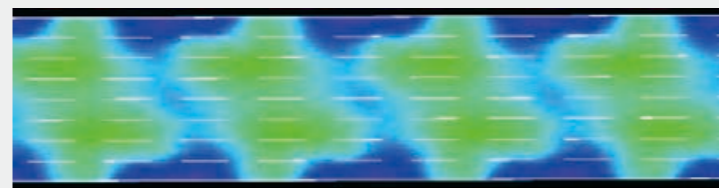
140° 配光曲线 140° Light distribution curve



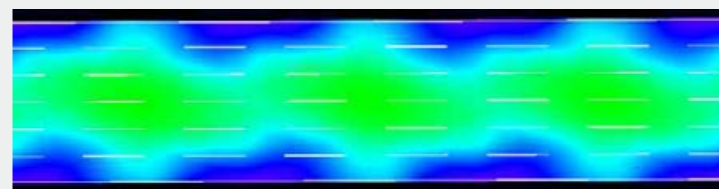
130° 配光曲线 130° Light distribution curve



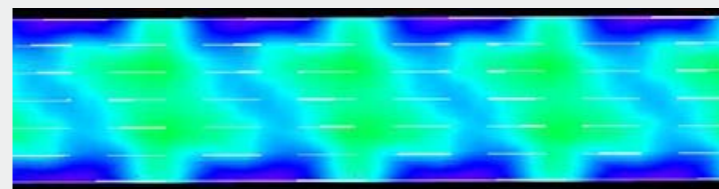
120° 配光曲线 120° Light distribution curve



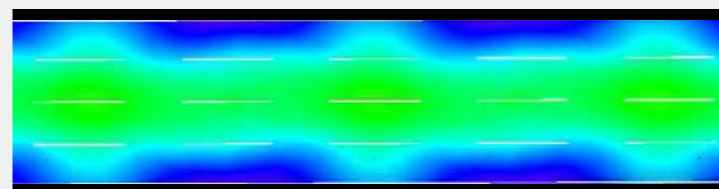
180W路灯,8 车道,12m杆高,30m路宽,40m杆距
180W lamp, 8 lanes, 12m height, 30m width, 40m pole distance



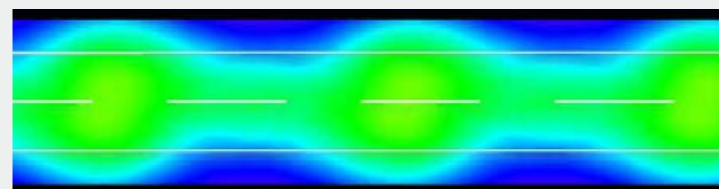
150W路灯,6 车道,12m杆高,22.5m路宽,35m杆距
150W lamp, 6 lanes, 12m height, 22.5m width, 35m pole distance



120W路灯,6 车道,10m杆高,22.5m路宽,30m杆距
120W lamp, 6 lanes, 10m height, 22.5m width, 30m pole distance



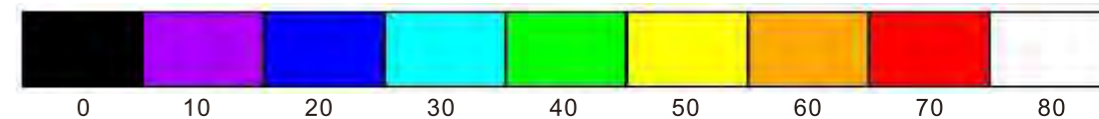
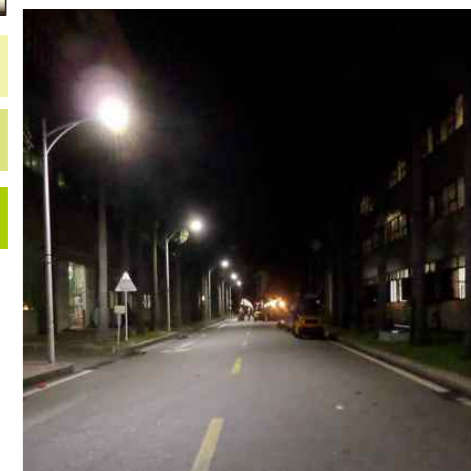
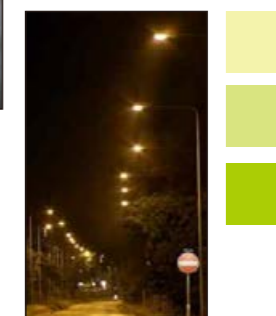
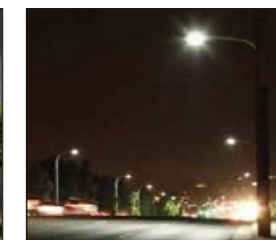
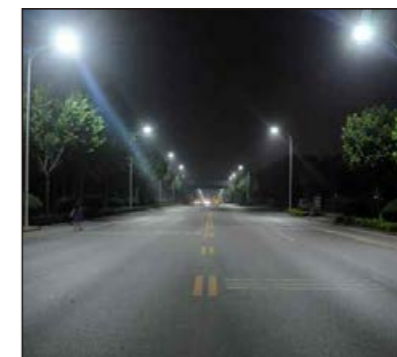
80W路灯,4 车道,10m杆高,15m路宽,30m杆距
80W lamp, 4 lanes, 10m height, 15m width, 30m pole distance



60W路灯,2 车道,8m杆高,7m路宽,20m杆距
60W lamp, 2 lanes, 8m height, 7m width, 20m pole distance

▷ 从模拟效果可以看出,不同的安装条件下,可以满足道路照明标准EN 13201-2对Lav, Uo, UL, TI, Sr的参数要求。

According to the simulation results, different lamp installation can satisfy the illumination parameter of Lav, Uo, UL, TI, SR for the road lighting standard of EN 13201-2.

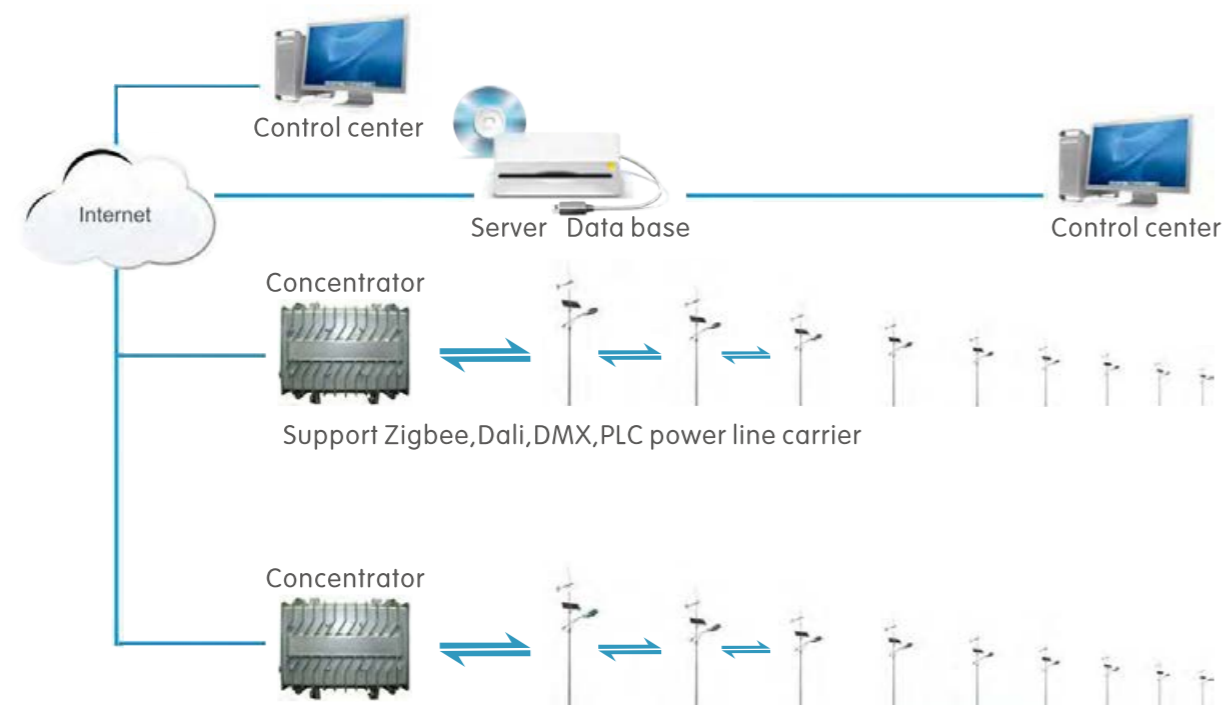


Intelligent Control System

智能控制系统

- 路灯控制系统采用PLC技术,通过电力载波或无线Zigbee等智能通讯协议控制每一个灯,它可以广泛用于路灯照明系统,控制路灯开关,指定路灯调光,检测每个路灯的电压、电流、电路异常和故障报警,收集数据,反馈系统运行状态.

The street light control system adopts PLC technology,Through intelligent communication protocol,such as power line carrier and Zigbee to control every lamp, It can be widely used on street lighting system,Control on-off,dimming control for specific lamp,check each lamp's voltage,current,alarm for wire anomaly and failure, collect data and feedback system running status.



Concentrator

集中器

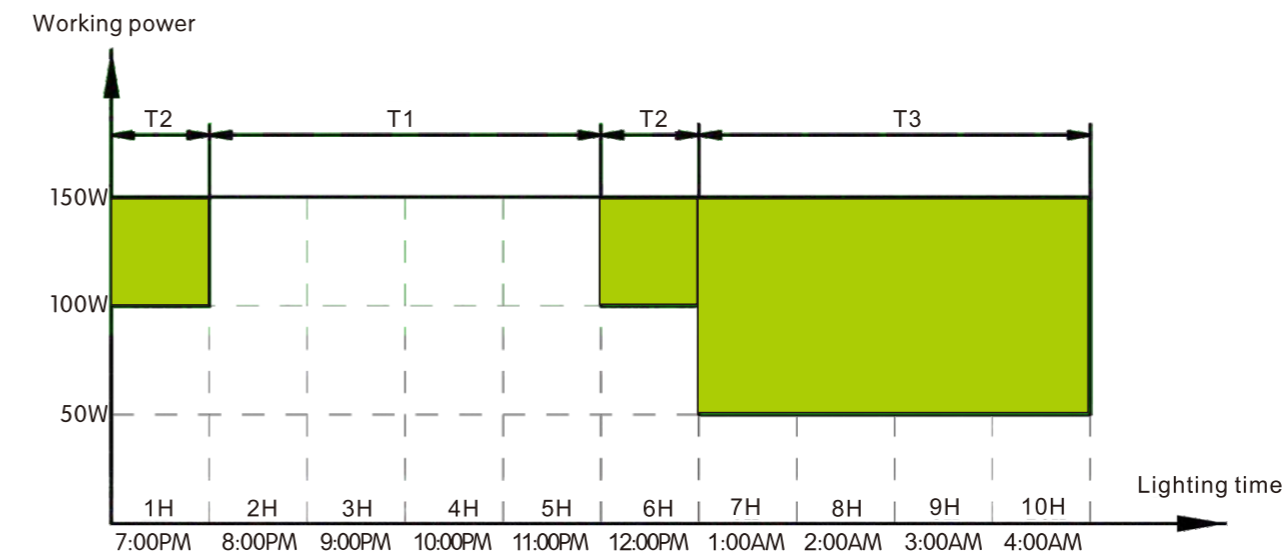
- 通过通讯协议给每个灯发布命令和收集反馈数据,再通过互联网或WIFI接受控制中心的命令,同时反馈节点的数据.
It communicates with each lamp through communication protocol to issue command and collect feedback data.through internet, WIFI to accept order from control center and feedback the nodes data.

Programmable time control dimmable LED driver

可编程时控调光驱动电源

- 路灯也可安装0到10VDC变化的调光电源,并可支持智能通讯协议,其特点包括可编程调光控制,出厂设置和精确校准等.

LED street lights can be installed with dimmable driver that varies voltage from 0 to 10V DC and can also support intelligent communication protocol.features including programmable dimming control, factory setting and accurate calibration etc.



例如: 150wLED路灯替换400w高压钠灯,节能率68.75%,通过调光功能还可节能32%.

Eg:150w LED street light to replace the 400w HPS Lamp,energy-saving rate 68.75%,by dimming function it's saved another 32%.



Light control LED street lights

光控路灯

- 路灯通过光感控制器,检测到环境照度值小于10lux时,延时30秒灯具自动开启,检测环境照度值大于30lux时,延时30秒灯具自动关闭.

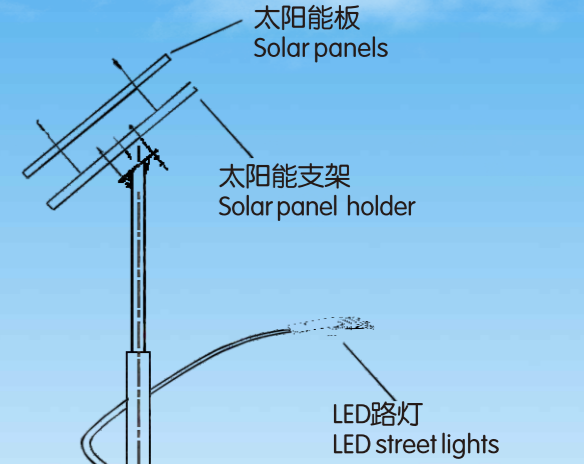
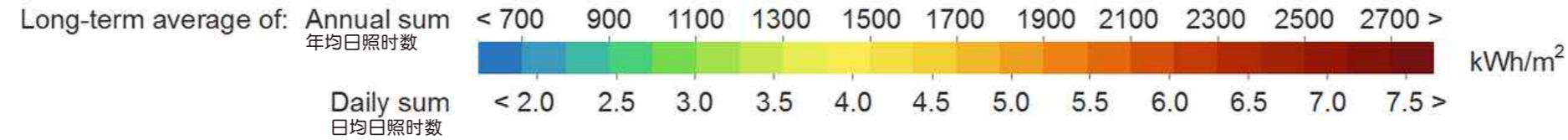
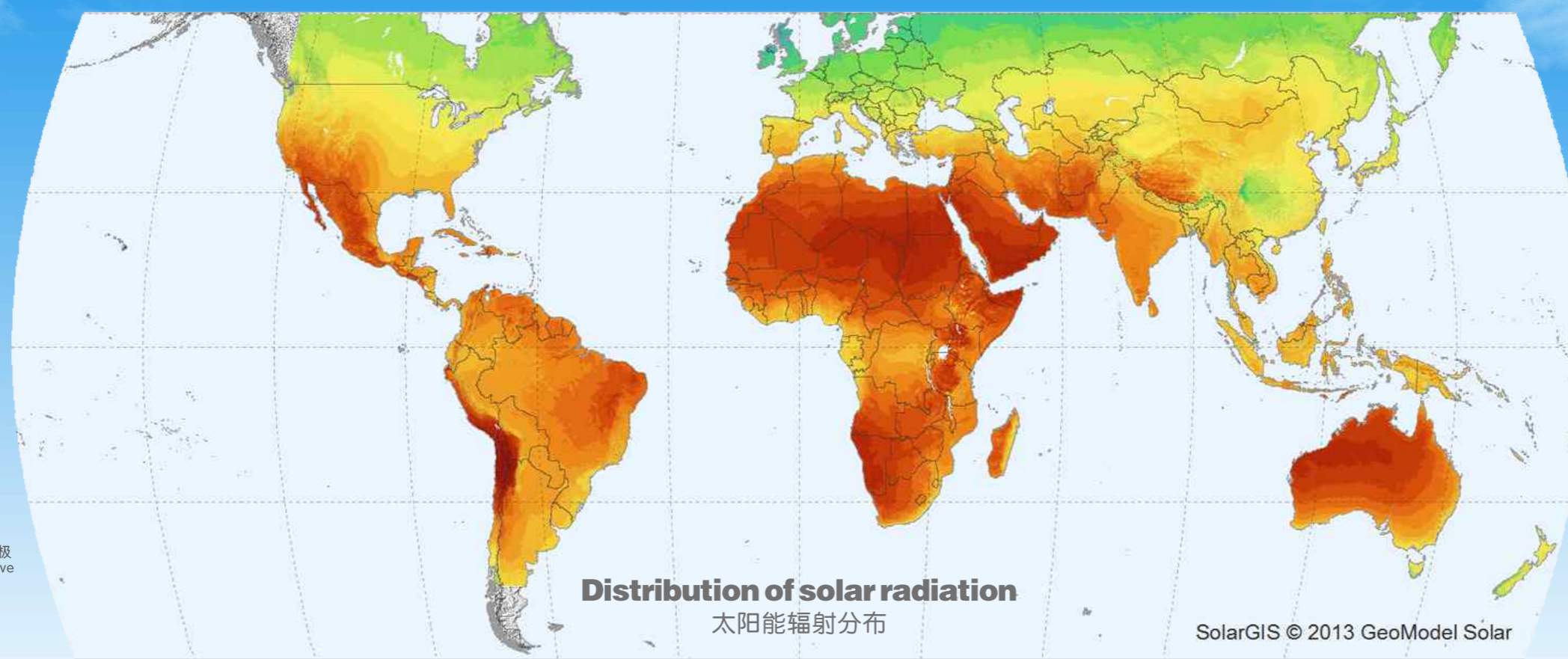
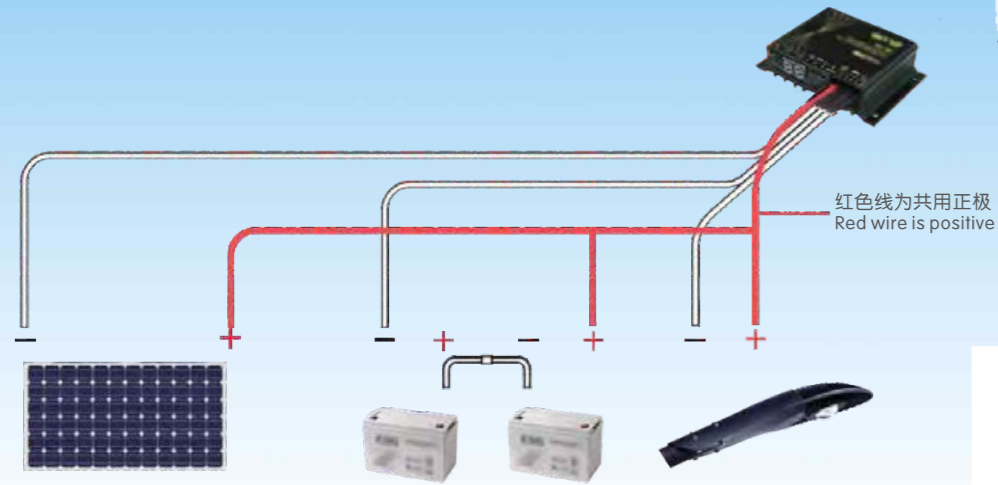
Through street lamp light controller,detecting the environment illuminance <10lux,after 30 seconds,it automatically turn on,detecting the environment illuminance >30lux,after 30seconds, it automatically turn off.

Solar power street lighting system

太阳能路灯系统

- 系统主要由五部分组成:LED路灯,太阳能电池板,控制器,蓄电池和灯杆。

The system is mainly composed by five parts: LED street lights, solar panels, solar controller, storage battery and lamp-pole.



Reference Table

配置参考表

- 根据灯具功率、气温、日照条件、阴雨天数、每晚工作时间,我们推荐以下参数配置表。

We recommend the following configuration, according to the lamp power, temperature, sunshine radiation, continuously rainy days and every night working hours.

灯具功率 Lamp power(W)	配置 Configure	日均日照时数 Daily sum radiation(hrs)	最佳倾角 Slope angle(°)	阴雨连续工作天数 Continuously raining working days(day)	灯具日工作时间 Working time per day(hrs)
40W/60W/80W	High	3.75	45	3~5	8~10
	Middle	4.60	50	3~5	8~10
	Low	5.38	20	3~5	8~10

灯具功率 Lamp power(W)	配置 Configure	电池板功率Power of solar cell panel		蓄电池容量Cell storage	
		Parameter参数	Quantity数量	Parameter参数	Quantity数量
40W	High	180Wp/35V	1	12V-100AH	2
	Middle	160Wp/35V	1	12V-100AH	2
	Low	120Wp/35V	1	12V-100AH	2
60W	High	150Wp/17.5V	2	12V-150AH	2
	Middle	130Wp/17.5V	2	12V-150AH	2
	Low	100Wp/17.5V	2	12V-150AH	2
80W	High	180Wp/17.5V	2	12V-180AH	2
	Middle	160Wp/17.5V	2	12V-180AH	2
	Low	120Wp/17.5V	2	12V-180AH	2

