



HUAYU 华宇

PCB global one-stop supply chain service

www.huayucircuits.com



COMPANY PROFILE

公司简介

Shenzhen Huayu Circuits Co.,Ltd started its production of traditional PCB, products are exported to more than 30 countries in the world and have offices and agents in more than five countries or regions.

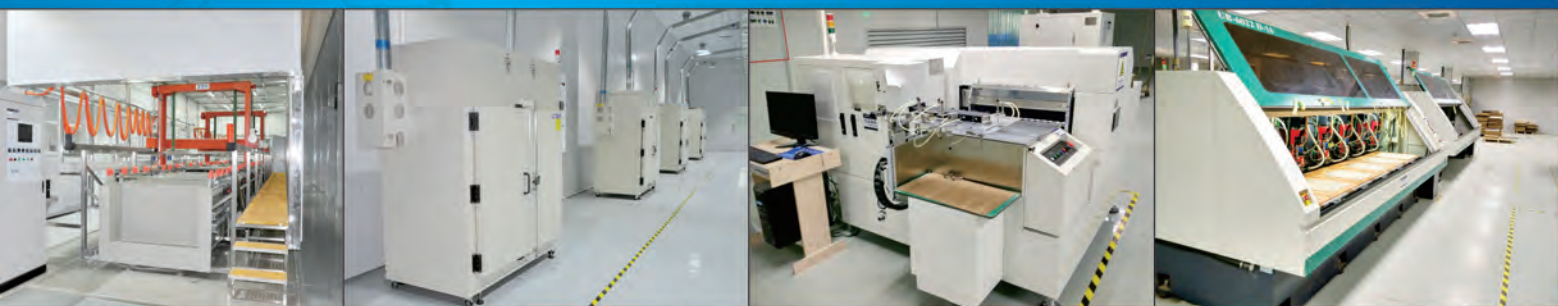
With energy saving and emission reductions, the rise of the LED industry is fully aware of the business opportunities in this field by bring strategic partners prepared for today's market challenges. It is an opportune time to launch ODM and OEM services for LED modules. using state of the art LED solutions continually enrich our product portfolio to meet in each customer's unique needs. we have successfully developed drive-free street lamps, Mining lamp, floodlights, dimming lights, and another lighting modules to provide customers with LED design, production, SMT, part matching one-stop service.

Huayu, your partner which is worth trusting forever.

深圳市卓越华宇电路有限公司起步于传统刚性PCB的生产，产品出口到世界30多个国家，并在五个以上的国家或地区设有办事处和代理商。

随着节能减排，LED行业的兴起我们充分意识到了这一领域的商机，及时引入战略合作伙伴迎接的市场挑战，启动针对LED模块的ODM和OEM服务。使用最先进的LED解决方案，不断丰富我们的产品组合，以满足每个客户的独特需求。我们已经成功开发了免驱动路灯，工矿灯，泛光灯，调光灯和其他照明模块，为客户提供LED设计，生产，贴片，零件匹配的一站式服务。

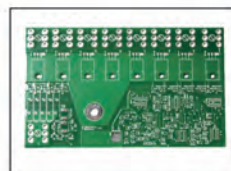
华宇，您值得永远信赖的伙伴。



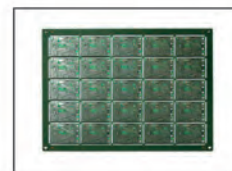
Metal Core PCB



Single Layer PCB



Double Layer PCB

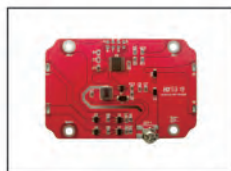


Multilayer Board

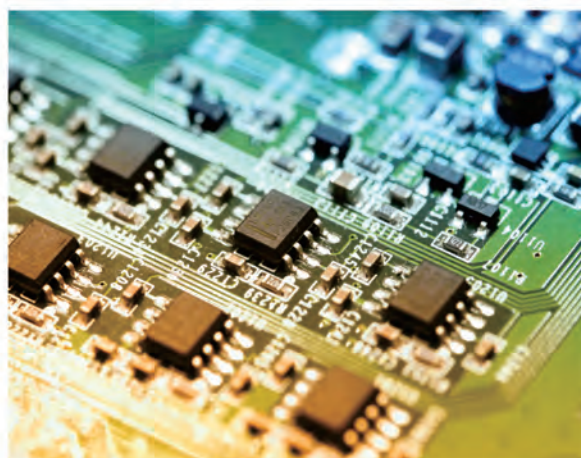
PCB Global One-stop Supply Chain Service



LED Modules



PCBA



To provide customers the most professional and the fastest one-stop pcb service

The sales and quality and service staff in China come from the domestic first-class pcb factory



The company has chemical and physical laboratories, with a sound detection equipment and laboratory equipment, we can guarantee the good quality and the reliability for our products.

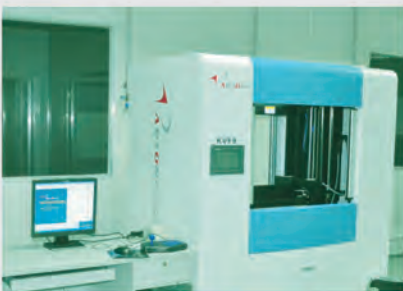
公司拥有化学和物理实验室，拥有完善的检测和实验设备，可以保证我们产品的优良品质和可靠性。

Testing device and laboratory equipment:

检测和试验设备:

AOI machine, X-RAY machine, solderability and thermal stress tester, plating thickness tester, Ion contamination tester, Micro-section tester, electronic microscope, thermal conductivity test machine, pin-gauge, micrometer, vernier caliper, hi-pot test machine, Flying Probe tester.

AOI机, X-RAY机, 可焊性和热应力测试仪, 镀层厚度测试仪, 离子污染测试仪, 显微截面测试仪, 电子显微技术, 导热系数测试仪, 针规, 千分尺, 游标卡尺, 耐压测试机, 飞针测试机.....





Customer-oriented concept

顾客优先

Grow together

共同成长

Mutual trust with suppliers

相互信任

Win-win cooperation

合作双赢

Continuous Improvement

持续创新

Harmonious development

和谐发展

High efficiency and quick response

高效快速

Detail oriented

注重细节



Select 6 major advantages of HUAYU

选择华予的6大优势



First-class team, 15 years of brand strength
一流的团队,十五年品牌实力

Sales, engineering, quality and after-sales service personnel are from the domestic first-class PCB factory, with rich technical background and experience.

销售、工程、质量和售后服务人员均来自国内一流的PCB工厂,具有丰富的技术背景和经验。



Production cycle is short, to improve the competitiveness of customers

生产周期短,提高客户竞争力

Can support small, medium volume and large quantities, automatic line, stable quality, short lead time.

可支持小,中,大批量,自动流水线,质量稳定,交货期短。



Lighting field PCB patented technology
照明领域pcb专利技术

Factories have been developing many patent technology, also won quality certificates, as ISO9001, TS16949, UL certificate.
工厂已经开发了许多专利技术,还获得了质量证书,如ISO9001, TS16949, UL证书。



Global one-stop PCB supply chain service
一站式PCB供应链服务

In order to meet the customer's requirements for the quality and delivery of different products, we can provide Allegro samples, small and medium batches, design, SMT, parts matching one-stop service.

为了满足客户对不同产品的质量 and 交货要求,可提供快板样品,中小批量,设计,贴片,零部件匹配的一站式服务。



Consistent marketing strategy
始终如一营销策略

Huayu are provided high-quality, low-cost printed circuits boards, and provide best quality, technology and service to our customers.

华予提供高质量,低成本的印刷电路板,并为客户提供最佳的质量,技术和服务。



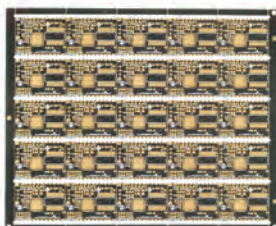
Global sales network
全球销售网络

Huayu set up a sales network in many countries worldwide to provide real-time quotes and technical consulting supports to customers.

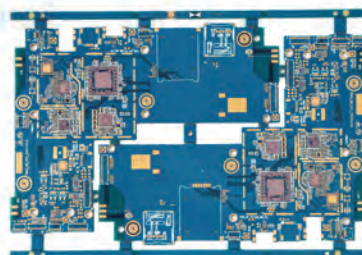
华予在全球许多国家建立了销售网络,为客户提供实时报价和技术咨询支持。

Products show

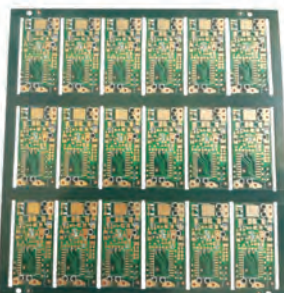
产品展示



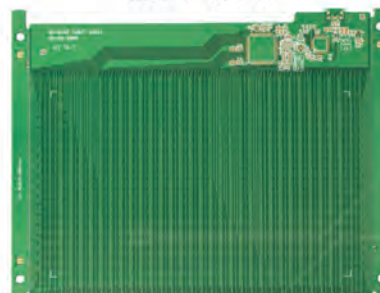
Bluetooth Wireless Modules
Half-hole Process
蓝牙模块 半孔制程



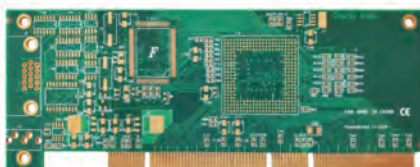
10L HDI 1+8+1
Finishing:OSP+ENIG
HDI迭化工艺



Black Laminate
FR4,TG280
黑芯TG280板料



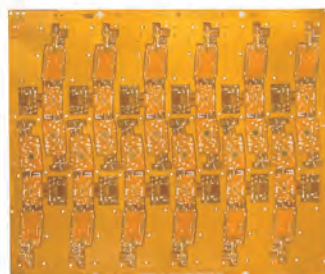
Sensor Board
2L,0.4MM, ENIG



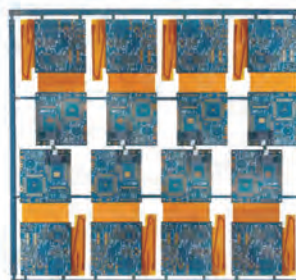
Video Card Board
4 layer, Gold Finger
显卡 金手指



Single layer Transparency FPC
单面透明软板



Medical Equipment
6L,FPC,0.35MM,ENIG



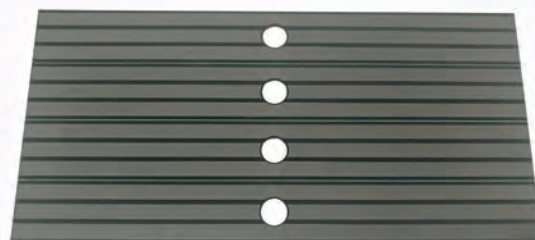
Flex-Rigid board
1+2F+1

Black KingKong Series

黑金刚系列



2 Wires Board
二线导电板



3 Wires Board
三线导电板



4 Wires Board 四线导电板



6 Wires Board
六线导电板



Application 应用

It is suitable for bottom power supply of the track lights, replacing the bus bar.

适用于轨道灯底部取电轨道,替代导电条。

Power supply Board of magneto track

磁吸轨道导电板

Features

特点

- Simplify the structure of the track and track lights, save costs.

简化轨道以及轨道灯的结构，节约成本；



Track and track light powered on both sides

两侧取电导轨和轨道灯

Track and track light powered on bottom side

底部取电导轨和轨道灯

- Special surface treatment to eliminate hidden visual hazards caused by surface technology such as immersion gold and bare copper.

特殊表面处理，消除沉金，裸铜等表面工艺带来的视觉隐患。



Bare copper renderings

裸铜效果



Our renderings

我们的效果



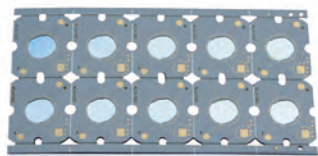
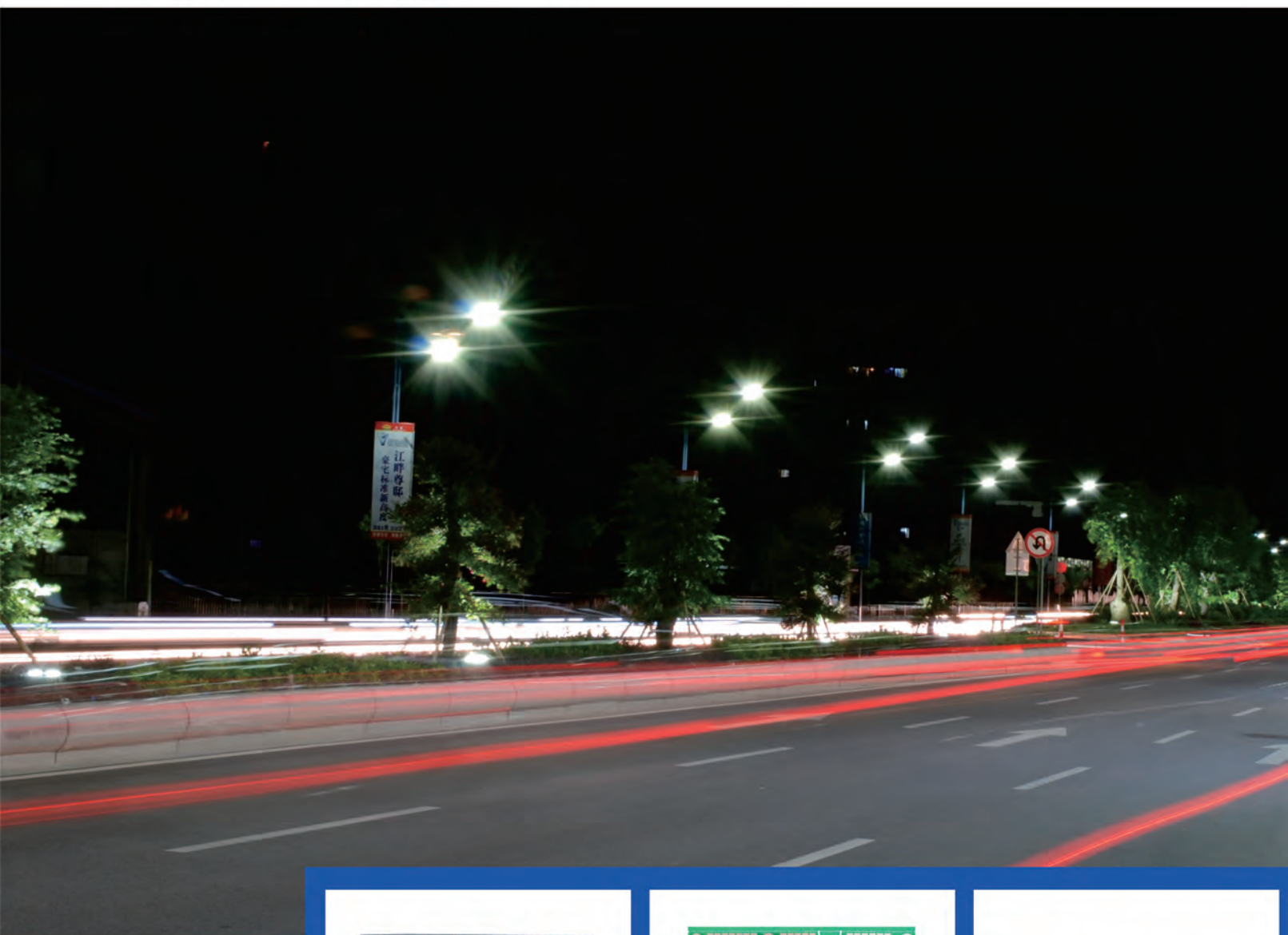
ENIG renderings

沉金效果

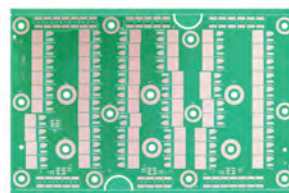
- The load power of 17MM width is less than 200W, and the load power of 30.5mm width is less than 400W

17MM宽度的板带载功率小于200W，30.5MM宽度的板带载功率小于400W





Mirror aluminum base, reflection rate $\geq 98\%$
镜面铝基板, 反射率 $\geq 98\%$



Power Module Board, 1.8MM, 60Z,
电源模块



Optical sorter ENIG
光学分拣设备

Insulated metal substrate

绝缘金属基板

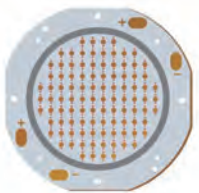


Application:

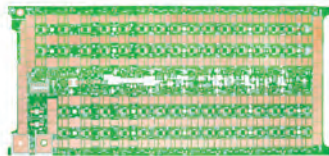
1. Audio equipment: input, output amplifier, balance amplifier, audio amplifier, pre-amplifier, power amplifier, etc.
2. Power supply equipment: switching regulator, DC / AC converter, etc.
3. Communication electronic equipment: high-frequency amplifier, filter electrical appliances, and report circuit.
4. Office automation equipment: motor driver, etc.
5. Automobile: electronic regulator, igniter, power controller, etc.
6. Computer: CPU board, floppy disk drive, power supply device, etc.
7. Power module: converter, solid relay, rectifier bridge, etc.
8. Lamps and lanterns:

应用:

1. 音频设备: 输入、输出放大器、平衡放大器、音频放大器、前置放大器、功率放大器等。
2. 电源设备: 开关调节器、DC/AC转换器等。
3. 通讯电子设备: 高频增幅器、滤波电路、发报电路。
4. 办公自动化设备: 电动机驱动器。
5. 汽车: 电子调节器、点火器、电源控制器等。
6. 计算机: CPU板、软盘驱动器、电源装置等。
7. 功率模块: 换流器、固体继电器、整流电桥等。
8. 灯具灯饰:



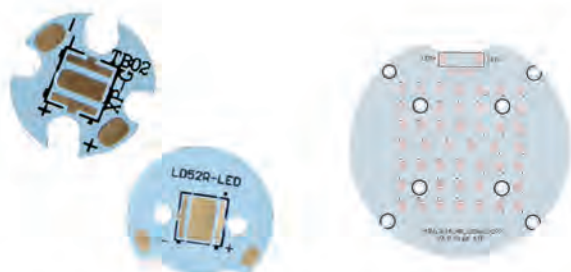
COB copper base, high power appliance
大功率COB铜基板



Computer device: Bitcoin mining machine
3W/(m·K), 30Z
计算机设备: 挖矿机板

Copper Base PCB

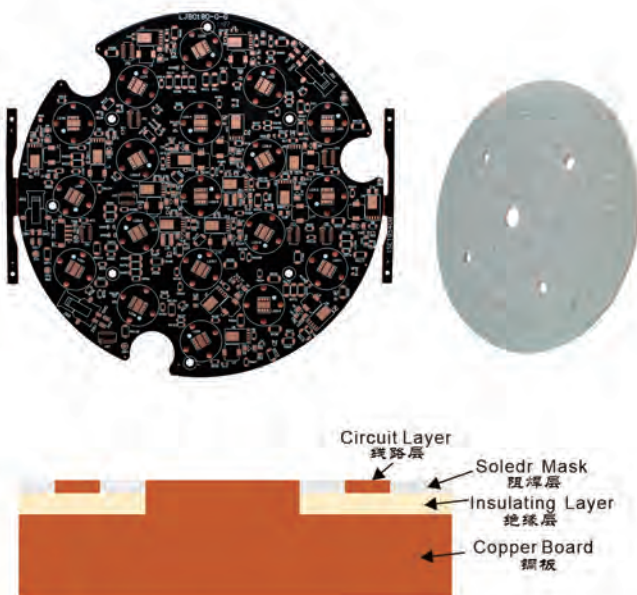
铜基板



Thermoelectric separation base board:

热电分离板:

The electric conduction part and heat dissipation part are in different circuit layers, heat dissipation part touches lamp beads directly, to achieve the best thermal conductivity (zero thermal resistance). Cu substrate is the first.



采用热电分离的工艺，基板的电路部分与热层部份在不同的线路层上，热层部分直接与灯珠散热部分接触，达到最好的效果(零热阻)。铜基板为首选。

Iron Base PCB

铁基板



Motor Control
马达控制板

铁基板是一种使用在高端电机、马达以及灯具上的金属散热基板，具有尺寸稳定性好，电磁屏蔽能力强，热膨胀系数低的特点。 (1.17×10^{-5}) 特别适合于陶瓷灯杯。

Iron base board used in high-end electric machinery, motor and luminaire which have heat dissipation requirements, It's good size stability, strong shielding capacity of electromagnetism, low thermal expansion coefficient (1.17×10^{-5}), adapt to ceramic light cup especial.

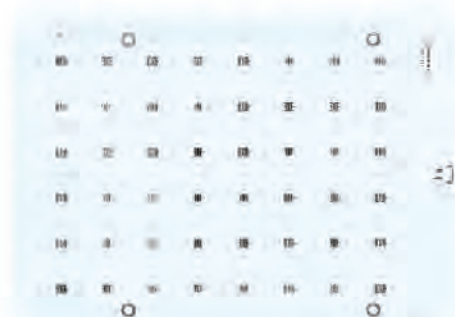
Aluminum Base Board

铝基板



Automotive Lighting Board
High standard, $2W/(m \cdot K)$

汽车灯板, 高标准

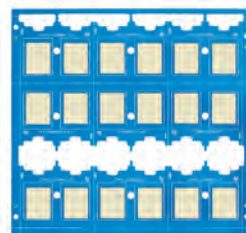


Street Light Board
3.0MM, Countersink Hole
路灯板, 沉头孔



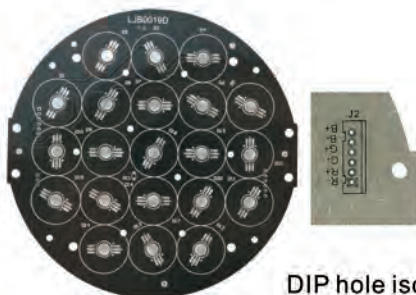
Monochrome flat panel lamp Board
Breakdown voltage AC3000V

单色平板灯板
击穿电压AC3000V



Cooling Backup Board
Super -thin 0.4mm, 3W/(m·K)

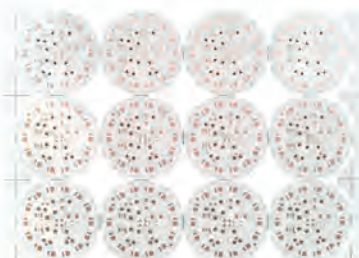
支架板



DIP hole isolated

Stage Light Board 舞台灯板

RGB color alternating function



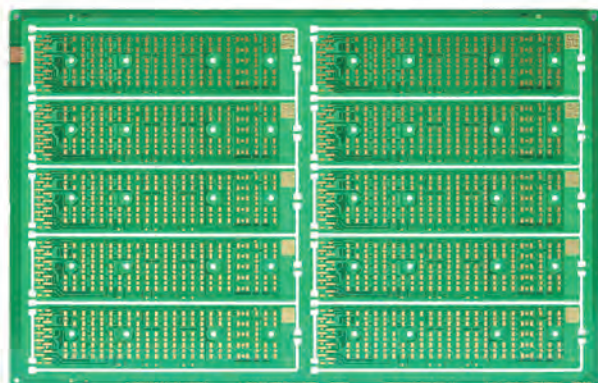
Bulb Light Board 球泡灯板

DIP hole isolated

Integrated power module and lighting module in the same PCB

Double Layers with Single Sided 单面双层铝基板

电路层		Circuit Layer
绝缘层		Insulating Layer
电路层		Circuit Layer
绝缘层		Insulating Layer
金属层		Metal Layer

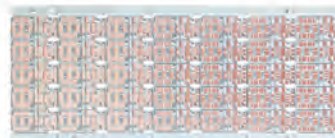


Power Module Board

电源模块板

Double Side with Metal Core 双面铝基板

电路层		Circuit Layer
绝缘层		Insulating Layer
金属层		Metal Layer
绝缘层		Insulating Layer
电路层		Circuit Layer



Crystal Light Board

水晶灯板

Make your outstanding idea becomes a reality

将您的出色想法变为现实



Design



PCB Producing



SMT Service



Part Matching

LED Panel Light Module

面板灯模组

Direct lighting
直发光



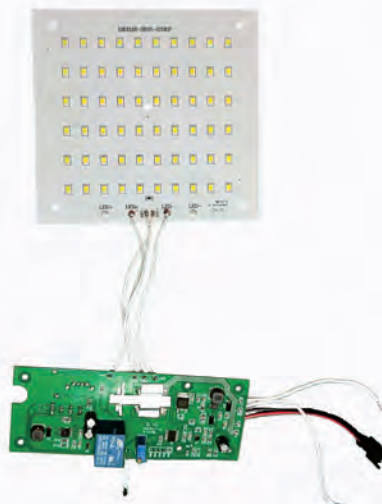
Edge lighting
侧发光



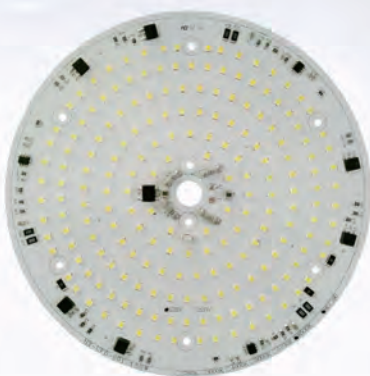
LED Work Light Module

工作灯模组

- AC/DC function
- Power Bank USB:5Vdc 2A
- Battery level indicators

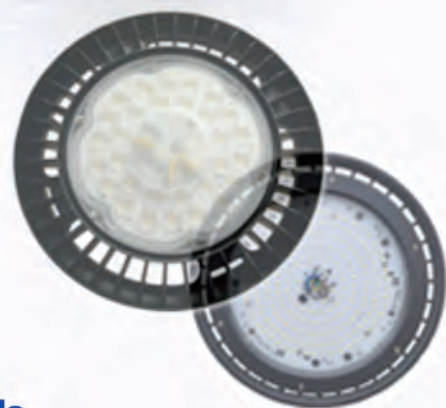


LED Mining Light Module 工矿灯模组



AC Solution

AC 方案



Led Lawn lamp module 草坪灯模组



AC12V, Constant Power

Led Spot light module 射灯模组

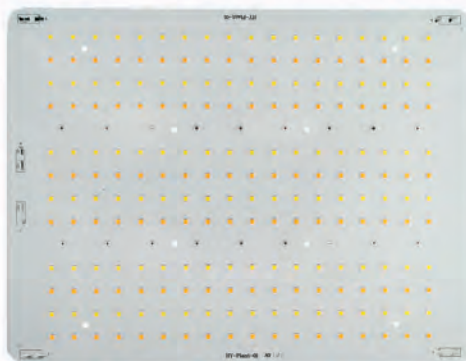


XLamp® XT-E LED source



LED Plant Grow Light Module

植物生长灯模组





Explosive View



Model 型号	Power 功率	Voltage 输入电压	Series/ Parallel 串并	Luminous Flux 流明	CCT 色温	CRI 显指	Light Effect 光效	Life Years 寿命	PCB Size PCB尺寸	LED Brand 灯珠品牌	LED Source 灯珠规格
HY-LD-001	30-50 W	36V	12S1P	>5000Lm	2800- 6500k	>70	>140 Lm/W	>5 Years	146X45 MM	CREE XTE	SMD 3535 (12PCS)
HY-LD-007	30-60 W	48V	2S6P	>6000Lm	2800- 6500k	>70	>140 Lm/W	>5 Years	146X45 MM	CREE / OSRAM	SMD 5050 (12PCS)
HY-LD-002	30-50 W	42V	7S8P	>5000Lm	2800- 6500k	>70	>130 Lm/W	>5 Years	238X48 MM	CREE / OSRAM	SMD 3030 (56PCS)
HY-LD-003	40-80 W	48V	2S16P	>12500Lm	2800- 6500k	>70	>140 Lm/W	>5 Years	238X48 MM	LEP/ WER	SMD 5050 (28PCS)
HY-LD-004	40-80 W	48V	2S16P	>12500Lm	2800- 6500k	>70	>140 Lm/W	>5 Years	238X48 MM	OSRAM/ LUXEON	SMD 5050 (28PCS)
HY-LD-008	30-60 W	48V	2S6P	>6000Lm	2800- 6500k	>70	>145 Lm/W	>5 Years	162X50 MM	OSRAM	SMD 5050 (12PCS)
HY-LD-009	50-80 W	48V	2S9P	>9000Lm	2800- 6500k	>70	>145 Lm/W	>5 Years	162X50 MM	OSRAM	SMD 5050 (18PCS)
HY-LD-010	50-80 W	48V	2S9P	>6000Lm	2800- 6500k	>70	>145 Lm/W	>5 Years	223X49.5 MM	OSRAM	SMD 5050 (18PCS)
HY-163X51- 5050-2S6P	30-60 W	48V	2S6P	>6000Lm	2800- 6500k	>70	>145 Lm/W	>5 Years	163X51 MM	OSRAM /CREE	SMD 3030 (48PCS)
HY-163X51- 3030-8S6P	50-70 W	48V	8S6P	>6000Lm	2800- 6500k	>70	>145 Lm/W	>5 Years	163X51 MM	OSRAM /CREE	SMD 3030 (48PCS)
HY-163X51- 3030-6S6P	20-36 W	36V	6S6P	>5000Lm	2800- 6500k	>70	>135 Lm/W	>5 Years	163X51 MM	OSRAM /CREE	SMD 3030 (36PCS)

Street light Module 路灯模组



HY-LD-001



HY-LD-007



HY-163X51-5050-2S6P



HY-146X45-3030-1P12S



HY-163X51-3030-8S6P



HY-LD-010



HY-163X51-3030-6S6P



HY-LD-003



HY-LD-008



HY-LD-004



HY-LD-009



HY-LD-002

Magneto Series

万磁王

DARKOO®
Optics

DK-SMART Series



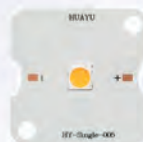
DK2512-REF



DK-HAN Series



DK-XIA Series



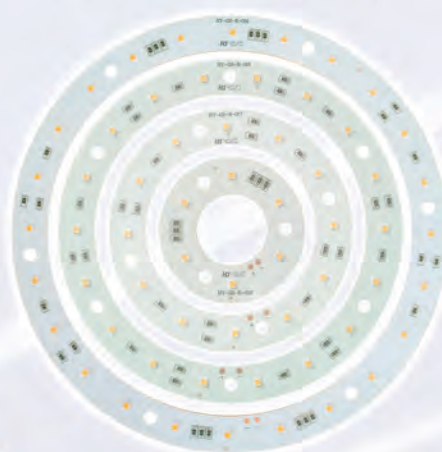
DK-A6



DK-WEI Series



DK-ZHOU Series



DK-A7



DK-A8



DK-A9



DK-MINI Series



DK-A2



Professional magnetic lighting module

Suitable for industry general lens

专业磁吸照明模组

适配行业通用透镜





Commercial lighting module 商业照明模组



COB3



COB2



COB1



● 24V & 48V selectable

Magnet Track Grille Lamp Modules

磁吸格栅灯模组



Magnet Track Linear Lamp Modules

磁吸泛光灯模组





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