

LED 洁净室灯具

LED Clean Room Lighting



GUEEN
Make Sky More Blue

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全球合作伙伴



GUEEN
Make Sky More Blue

苏州科能光电科技有限公司
Suzhou Gueen Optoelectronic Technology Co.,Ltd.
苏州科能电子科技有限公司
Guzhou Gueen Electronic Technology Co., Ltd.

企业简介

苏州科能坐落于江苏苏州吴江区，位于长三角经济圈的核心区域，环境优美、文化积厚。公司拥有专业的技术研发团队，全方位的质量保证体系，公司将秉承“专业、品质、服务”的品牌战略，积极参与空气洁净领域的照明技术创新，致力打造成全球领先的洁净室照明及智能照明控制系统的集成供应商。

科能专注于空气净化领域新型节能照明灯具如净化灯，洁净灯，LED 洁净灯及配套系统的技术研发、精益制造、市场开发、售前与售后服务，为行业客户提供全方位精准专业的洁净室照明节能解决方案。

愿 景

致力打造成全球领先的空气净化领域照明及节能控制系统的集成供应商。

使 命

提供有竞争力的洁净室照明及节能系统集成方案，持续为客户创造最大的价值。

战 略

专业化、系统化、创新化、全球化

价值观

诚信、专业、团队、集成

Company Profile

Gueen Lighting located in Wujiang FOHO economic development zone of Jiangsu Province, He owned core location advantage of The Yangtze River Delta economic circle with beautiful enviroment and deep culture base.

Gueen Lighting focus on the green lighting fixtures and accessories researching, developing, manufacturing, marketing, service of after sales in the air clean industry. We support the total energy solution of green lighting and controlling system to all kinds of enterprise clients.

Vision

Become a global leading of the total energy solution of green lighting and controlling system provider

Mission

Provide a completed competitive green lighting and controlling energy system to clients for maximum value added.

Strategy

Specialization, Systematize, Innovation, Globalization

Value

Sincerity, Specialist, Cooperation, Integration

竞争优势 Competitive Advantage

科能光电提供给客户的不仅仅是照明工具，而是完整的节能照明系统解决方案。我们对照明系统的考虑，包括二次光学设计、均匀度、色温、混色、发光角度和配光曲线等，还包括产品的光学效率、热效能、产品的寿命和外观等等。此外照明系统不应只是考虑到产品本身，还要考虑到与其他系统的兼容与整合。此外，针对不同的使用环境时，进行专业系统的产品设计。

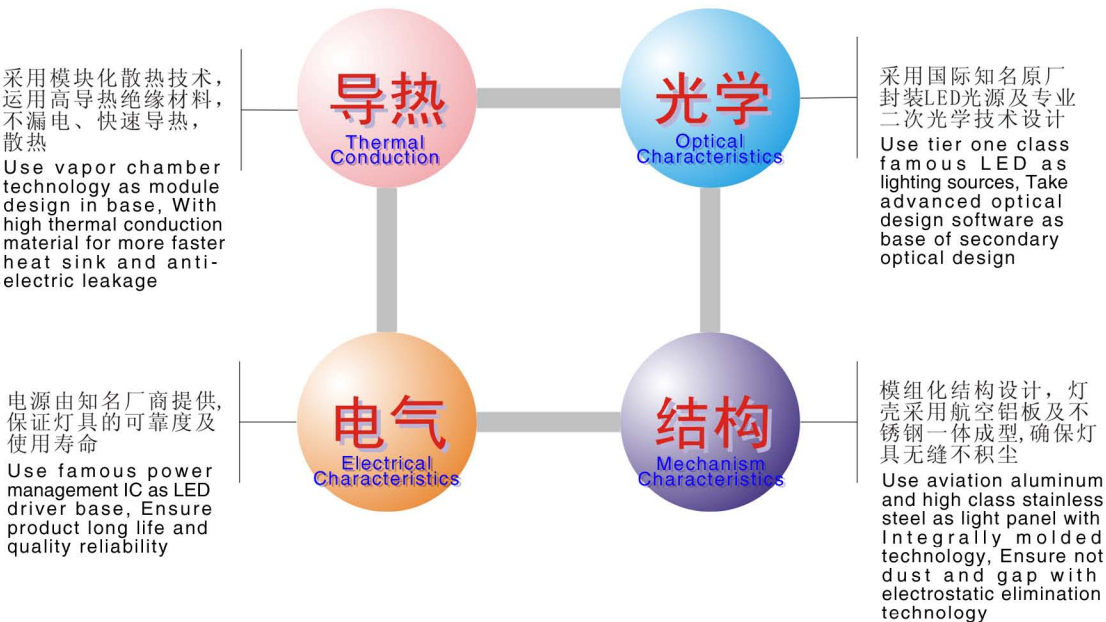
GUEEN Lighting provide the completed green lighting products and peripheral accessories to our business partner with solution design, system planning, production, setup, technical support, maintenance, after service etc. full process. We main focus on following key technical bottleneck,

1. LED secondary optical design;
2. LED luminescence uniformity
3. natural color temperature researching
4. LED Illumination angle
5. Light distribution curve

Of course, We take more times to increase luminous efficacy, improve thermal conduction, prolong product life, enhance product construction; redesign appearance etc. By the way, We redesigned more new products to meet different workshop conditions in the pharmaceutical manufacturing industry.

科能光电应用本公司优异的光学设计技术、热导流解决方案、高效率的电源设计、以及的弹性化外观设计，为客户打造高光效和低耗能的最佳化洁净室照明系统解决方案。

GUEEN Lighting utilize more advanced technologies to increase luminous efficacy, improve thermal conduction, more power conversion efficiency, more application options. We take our best to enhance luminous efficacy, lower energy consumption lighting solutions for best air clean room system.



竞争优势 Competitive Advantage

科能光电拥有专业生产、加工、测试设备，所有产品在出厂前均通过完整系统的测试，提供客户质量最可靠的产品与服务。

GUEEN Lighting owned more advanced production equipments made by Germany with many high precision testing instruments for high quality product guarantee, All products need to pass 100% full process testing before shipping. Assure any product to meet customer's requirements with better after service.



LED 多功能测试系统
Multi-Function Testing System for LED Lighting Fixture



SMT 车间
High Class Air Clean Room for SMT Production Line



组装车间
Assembly Production Line for LED Lighting Fixture

LED 洁净室灯具

LED light for clean room

产品目录

Catalog



LED 洁净平板灯

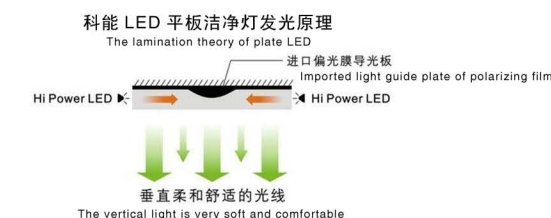
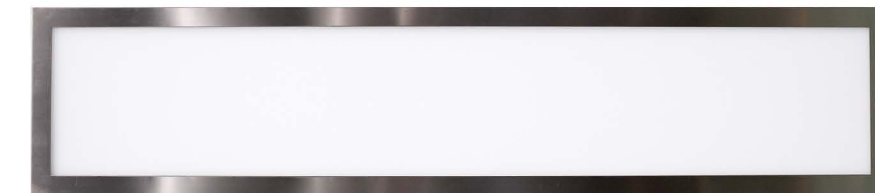
Plate LED clean light

PL 系列

PL series



GUEEN
Make Sky More Blue*

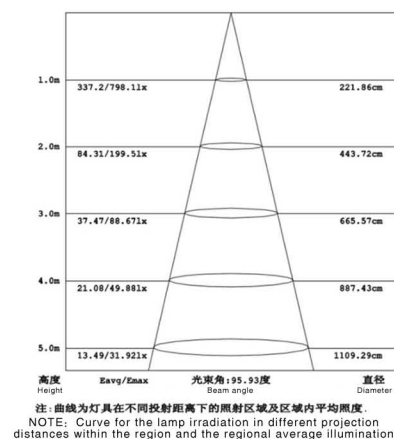
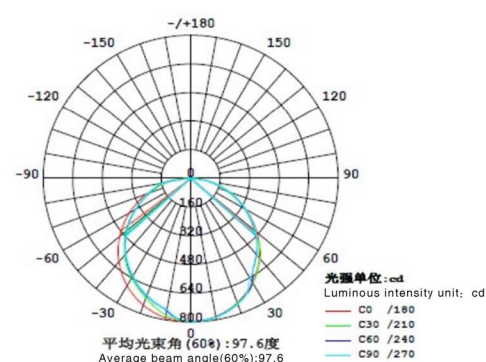


产品特点

- 灯架采用优质航空铝板、不锈钢一体成型，确保灯具无缝不积尘。
- 超薄 12mm 设计，提高空间利用率。
- 国际知名原厂封装 LED 光源，光效高，光衰低。
- 独特的侧导光技术，照度均匀，光线柔和，缓解眼睛疲劳。
- 无频闪、无紫外辐射，不会产生电磁干扰，不含有害物质，对身体无任何伤害。
- 无汞、环保，所有材料均能回收利用。
- 宽电压启动，恒流供电，反应速度快，无安全隐患。
- 节电效果明显，比普通洁净灯节电 65% 以上。
- 超长 3 年质保服务（非人为因素）。
- 特有的支架安装方式，安装方便快捷。
- 灯具选用电源，通过 CQC，UL，CE，CCC 等质量认证。
- 适用场所：生物制药、医疗卫生、食品保健、电子 IT 业、半导体制造业、实验室等。

Features

- The frame of the light is made of stainless steel which used for aviation, and forming in one piece ensures that no dust can settled.
- Only 12mm thick, improve space utilization.
- LED light source original encapsulated by internationally famous company which is high light efficiency, low light decay.
- Special technology of side leaded light good illumination, soft light which can relieve eye tiredness.
- No Stroboscope, noultraviolet radiation, no electromagneticinterference, no hazardous substance, no harm for people ' s health.
- Mercury-free protecting environment, all the material can be recycled.
- Use free voltage to start, constant current power supply, quickly reacting, nopotential safety hazard.
- Saving above 65% electricity than ordinary clean light.
- Three year guarantee (not artificial factor).
- Special supportused to install it conveniently and quickly .
- The power used by the LED light passed CQC, UL, CE, CCC and etc. quality authentication .
- Application target:biomedicine, medical health, food, IT, semiconductor manufacture, laboratory and etc.



产品规格 Product specification

电源输入电压 (V/AC) Input voltage	100~240	显色指数 Color rendering index	>75
电源输入频率 (Hz) UPS	50/60	工作环境温度 (°C) Ambient temperature	-30~40
电源功率因数 (PF) Power factor	>0.92	灯具发光效率 (Lm/W) Luminous efficiency	>75
色温 (K) Color temperature	6500~7500	寿命 (Hrs) Lifetime	>50000

产品型号 Model	外型尺寸 L*W*H (mm) Size (mm)			功率 (W) Power (w)	光通量 (Lm) Luminous flux (Lm)
KN-PL12035A/B/C	1200	350	13	40\45\60\70	>3200\3600\4800\5600
KN-PL12030A/B/C	1200	300	13	32\36\40\60	>2560\2880\3200\4800
KN-PL11022A/B/C	1100	220	13	28\32	>2240\2560
KN-PL9020A/B/C	900	200	13	20\24	>1600\1920
KN-PL6060A/B/C	600	600	13	36\40\45\60	>2880\3200\3600\4800
KN-PL6030A/B/C	600	300	13	20\24	>1600\1920
KN-PL5022A/B/C	500	220	13	16\20	>1280\1600
KN-PL3030A/B/C	300	300	13	8\12	>640\960

A: 不锈钢 B: 铝合金 C: SGCC, 可依据客户的要求订制
Customized according to customers requirements

LED 洁净灯

LED clean light

CL 系列

CL series



产品特点

- 不锈钢边框, 镜面全内胆, 进口透明亚克力灯罩, 反光效果好, 外形美观, 密封性能好, 抗干扰, 容易清洁, 不积尘。
- 适用场所: 生物制药、医疗卫生、食品保健、电子工业、半导体制造业、实验室等。

Product features

- SS frame, the bladder is a mirror, imported transparent acrylic lampshade, Good reflecting effect, Beautiful appearance, Good sealing performance, Anti-interference, Easy to clean, no dust.
- Applicable target : biological pharmaceutical, medical and health, food health, electronic industry, semiconductor manufacturing, laboratory, etc.

产品规格 Specification			
电源输入电压 (V/AC) Input voltage	100~240	显色指数 Color rendering index	>75
电源输入频率 (Hz) UPS	50/60	工作环境温度 (°C) Ambient temperature	-30~40
电源功率因数 (PF) Power factor	>0.92	灯具发光效率(Lm/W) Luminous efficiency	>75
色温 (K) Color temperature	6500~7500	寿命 (Hrs) Lifetime	>50000

产品型号 Model	外型尺寸L*W*H (mm) size (mm)			功率 (W) power (W)	备注 remarks
KN-CL101	710	225	65	7.5	可选 T5/T8/T10 LED灯管
KN- CL 102	710	270	65	15	
KN- CL 103	710	375	65	22	
KN- CL 201	1018	225	65	9	
KN- CL 202	1018	270	65	18	
KN- CL 203	1018	375	65	27	
KN- CL 301	1320	225	65	15	
KN- CL 302	1320	270	65	30	
KN- CL 303	1320	375	65	45	

可依据客户的要求订制
Customized according to customersn requirements

LED 洁净灯

LED clean light

IL 系列

IL series



产品特点

- 双铝合喷塑边框设计，进口光学磨砂扩散板，透光性强，光线柔和，外形美观，密封性能强，抗干扰，容易清洁，不积尘。
- 适用场所：生物制药、医疗卫生、食品保健、电子工业、半导体制造业、实验室等。

Product features

- Double aluminum alloy spray frame design, imported optical frosted diffuser plate, light and strong, soft light., Beautiful appearance, Good sealing performance, Anti-interference, Easy to clean, no dust.
- Applicable target : biological pharmaceutical, medical and health, food health, electronic industry, semiconductor manufacturing, laboratory,etc.

LED T-BAR 灯

LED T-BAR light

TL 系列

TL series

产品规格 Specification			
电源输入电压 (V/AC) Input power (V/AC)	100~240	显色指数 Color rendering index	>75
电源输入频率 (Hz) input frequency (Hz)	50/60	工作环境温度 (℃) Work environment temperature (℃)	-30~40
电源功率因数 (PF) Power frequency (PF)	>0.92	灯具发光效率(Lm/W) Luminous efficiency (Lm/W)	>75
色温 (K) Color temperature (K)	6500~7500	寿命 (Hrs) Lifetime	>50000

产品型号 Model	外型尺寸L*W*H (mm) size (mm)			功率 (W) power (W)	备注 remarks
KN-IL101	668	181	80	7.5	可选 T5/T8/T10 LED灯管 及无管型
KN-IL102	668	273	80	15	
KN- IL103	668	341	80	22	
KN- IL201	973	181	80	9	
KN- IL202	973	273	80	18	
KN- IL203	973	341	80	27	
KN- IL301	1278	181	80	15	
KN- IL302	1278	273	80	30	
KN- IL303	1278	341	80	45	

可依据客户的要求订制
Customized according to
customers requirements

产品特点

- 灯架采用优质航空铝板、不锈钢一体成型，确保灯具无缝不积尘。
- 超薄 25mm 设计，提高空间利用率，可替换传统泪珠灯。
- 国际知名原厂封装 LED 光源，光效高，光衰低。
- 进口光学级扩散板，照度均匀，光效高。
- 无紫外、红外线辐射，不会产生电磁干扰，不含有害物质，对身体无任何伤害。
- 无汞、环保，所有材料均能回收利用。
- 宽电压启动，恒流供电，反应速度快，无安全隐患。
- 节电效果明显，比普通泪珠灯节电 65% 以上。
- 超长 3 年质保服务（非人为因素）。
- 特有的内、外框设计方式，安装方便快捷。
- 灯具选用电源，通过 CQC，UL，CE，CCC 等质量认证。
- 适用场所：生物制药、医疗卫生、食品保健、电子 IT 业、半导体制造业、实验室等。

Features

- The frame of the light is made of stainless steel which used for aviation, and forming in one piece ensures that no dust can settled.
- Only 25mm thick, improve space utilization, it can replace traditional tear light.
- LED light source original encapsulated by internationally famous company which is high light efficiency, low light decay.
- Imported optical grade diffuser plate hasgood illumination, soft light which can relieve eye tiredness.
- No Stroboscope, noultraviolet radiation, noelectromagneticinterference, no hazardous substance, no harm for people ' s health.
- Mercury-free protecting environment, all the material can be recycled.
- Use free voltage to start, constant current power supply, quickly reacting, nopotential safety hazard.
- Saving above 65% electricity than traditional tear light.
- Three year guarantee (not artificial factor).
- Special supportused to install it conveniently and quickly.
- The power used by the LED light passed CQC, UL, CE, CCC and etc. quality authentication.
- Application target:biomedicine, medical health, food, IT, semiconductor manufacture, laboratory and etc.

LED 灯管

LED lighting tube

T5/T8/T10

产品规格 Specification			
电源输入电压 (V/AC) Input power (V/AC)	100~240	显色指数 Color rendering index	>75
电源输入频率 (Hz) input frequency (Hz)	50/60	工作环境温度 (°C) Work environment temperature (°C)	-30~40
电源功率因数 (PF) Power frequency (PF)	>0.92	灯具发光效率(Lm/W) Luminous efficiency (Lm/W)	>75
色温 (K) Color temperature (K)	6500~7500	寿命 (Hrs) Lifetime	>50000

产品型号 Model	外型尺寸L*W*H (mm) size (mm)			功率 (W) power (W)	光通量 (Lm) luminous flux (Lm)
KN-TL12005	1200	50	25	18	1500
KN-TL9005	900	50	25	15	1200
KN-TL6005	600	50	25	9	800
KN-TL3005	300	50	25	6	500

可依据客户的要求订制,可选外置/内置电源
Customized according to customers requirements,
chose external or built-in power supply

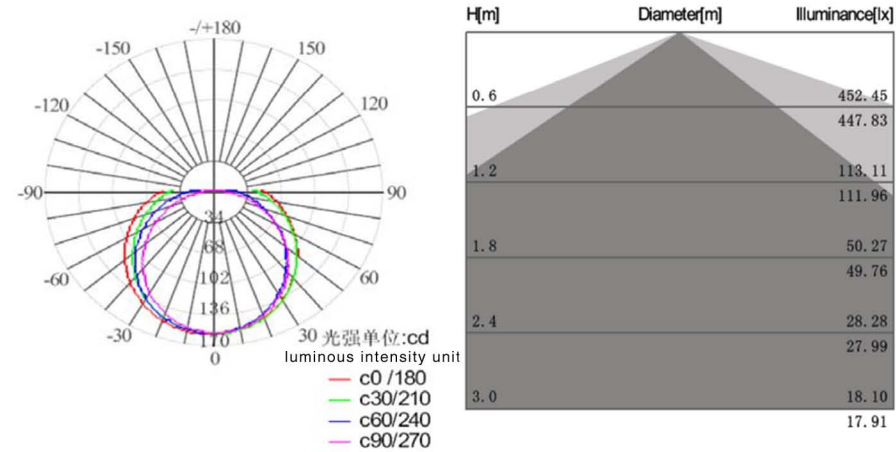


产品特点

- 优秀的散热性能, 极低光衰。
- 高达 5 万小时以上的使用寿命。
- 出色的恒压恒流电源设计。
- 国际知名原厂封装 LED 光源, 光效及寿命有原厂品质保证。
- 进口光学级无眩光透光罩, 照度均匀, 光效高。
- 无紫外、红外线辐射, 不会产生电磁干扰, 不含有害物质, 对身体无任何伤害。
- 无汞、环保, 所有材料均能回收利用。
- 宽电压启动, 恒流供电, 反应速度快, 无安全隐患。
- 节电效果明显, 比普通日光灯节电 65% 以上。
- 超长 3 年质保服务 (非人为因素)。
- 适用场所: 工厂、商业广场、医院、学校、餐厅、广告、体育场馆、停车场等。

Features

- Good abstraction of heat efficiency and low light decay.
- Lifetime is more than 5 hours.
- Great designation of constant voltage and constant current power supply.
- LED light source original encapsulated by internationally famous company that there is quality guarantee of light efficiency and lifetime.
- Imported optical grade transparent cover free from glare, good illumination, soft light which can relieve eye tiredness.
- No Stroboscope, noultraviolet radiation, noelectromagneticinterference, no hazardous substance, no harm for people ' s health.
- Mercury-free protecting environment, all the material can be recycled.
- Use free voltage to start, constant current power supply, quickly reacting, nopotential safety hazard.
- Saving above 65% electricity than traditional daylight lamp.
- Three year guarantee (not artificial factor).
- Special supportused to install it conveniently and quickly.
- The power used by the LED light passed CQC, UL, CE, CCC and etc. quality authentication.
- Application target:factory,commercial plaza, hospital, restaurant, school, stadium, advertisement, parking lot and etc.



产品规格 Specification

电源输入电压 (V/AC) Input voltage	100~240	显色指数 Color rendering index	>75
电源输入频率 (Hz) UPS	50/60	工作环境温度 (°C) Ambient temperature	-30~40
电源功率因数 (PF) Power factor	>0.92	灯具发光效率(Lm/W) Luminous efficiency	>75
色温 (K) Color temperature	6500~7500	寿命 (Hrs) Lifetime	>50000

产品型号 Model	长度 (mm) Length	功率 (W) power (W)	光通量 (Lm) luminous flux (Lm)
KN-T8H60TA	600	7	650
KN-T8H60TB	600	9	800
KN-T8H120TA	1200	15	1200
KN-T8H120TB	1200	18	1500

可依据客户的要求订制
Customized according to customers requirements

LED 工矿灯

LED for industry use

FL 系列

FL series



GUEEN

Make Sky More Blue*



产品特点

- 光源模组化设计，安装维护容易。
- 国际知名原厂封装 LED 光源，光效与寿命有原厂品质保证。
- 铝合金鳍背式散热技术，确保产品的可靠性。
- 独特的二次光学配光设计，可满足不同空间的照明要求。
- 无频闪、无紫外，不会产生电磁干扰，不含有害物质，对身体无任何伤害。
- 无汞、环保，所有材料均能回收利用。
- 宽电压启动，恒流供电，反应速度快，无安全隐患。
- 节电效果明显，比高压钠灯、金卤灯节电 65% 以上。
- 超长 3 年质保服务（非人为因素）。
- 特有的支架安装方式，安装方便快捷。
- 灯具选用电源，通过 CQC, UL, CE, CCC 等质量认证。
- 适用场所：工厂、仓库、商业广场、学校、餐厅、广告、体育场馆、车站等

Features

- Modular designation easy to install and maintain.
- LED light source original encapsulated by internationally famous company that there is quality guarantee of light efficiency and lifetime.
- Dorsal fin designation for radiating.
- Special designation of secondary opticssatisfy different illumination demands for different spaces.
- No Stroboscope, noultraviolet radiation, noelectromagneticinterference, no hazardous substance, no harm for people ' s health.
- Mercury-free protecting environment, all the material can be recycled.
- Use free voltage to start, constant current power supply, quickly reacting, nopotentialsafety hazard.
- Saving above 65% electricity than traditional daylight lamp.
- Three year guarantee (not artificial factor).
- Special supportused to install it conveniently and quickly.
- The power used by the LED light passed CQC, UL, CE, CCC and etc. quality authentication.
- Application target:factory, warehouse,commercial plaza, hospital, restaurant, school, stadium, advertisement, station and etc.

产品规格 Specification			
电源输入电压 (V/AC) Input voltage	100~240	显色指数 Color rendering index	>75
电源输入频率 (Hz) UPS	50/60	工作环境温度 (°C) Ambient temperature	-30~40
电源功率因数 (PF) Power factor	>0.92	灯具发光效率(Lm/W) Luminous efficiency	>75
色温 (K) Color temperature	6500~7500	寿命 (Hrs) Lifetime	>50000

产品型号 Model	功率 (W) power (W)	光通量 (Lm) luminous flux (Lm)
KN-FL60A	60	5478
KN-FL90A	90	8163
KN-FL120A	120	10046
KN-F150A	150	13605
KN-FL180A	180	16742

可依据客户的要求订制
Customized according to
customers requirements

