



LOW-CARBON
诺可·光电

| 低碳 | 节能 | 环保专家 |
| LED LIGHTING EXPERT |

经营理念：帮助员工实现梦想，为客户创造价值，为公司创造利益。

Operation Principle: Help our staff to realize their dreams, create value for customers and make profit for the company.

企业使命：为地球人的低碳生活，为祖国的和谐、富强而努力奋斗。

Enterprise Mission: Striving for human being's Low-

Carbon life, social harmony, prosperous and strong of our motherland.

企业作风：团结、创新、专注、谦恭。

Enterprise Style: Unity, Innovation, Concentration, Modesty.



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LOW-CARBON LIGHTING GROUP LIMITED

诺可照明集团股份有限公司

LOW-CARBON LIGHTING&TECHNOLOGY CO.,LTD

东莞市诺可光电科技有限公司

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Company

企业简介 Introduction

Low-Carbon Lighting&Technology Co.,Ltd is a professional enterprise specialized in researching, manufacturing and marketing LED lighting products, the total floorage is 6,000m² and more than 200 staffs. The company owns strong R&D team with more than 20 professional LED lighting engineers and experts, who bring constantly break through and innovation.

The company have successfully researched and launched five series LED lighting products, including LED commercial lighting, LED office lighting, LED industrial lighting, LED hotel lighting and LED residences lighting. And the main products LED tube, downlight, ceiling light, panel lighting, LED high bay, spot light and bulb all have got CE, RoHS, FCC, C-TICK certificates, exported high volume to more than thirty countries, such as US, Europe, Japan and Southeast Asia countries and regions.

The company introduced advanced automatic production and testing equipments, strictly implemented ISO9001:2008 quality control system, accumulated much experience in production and management and established a full set of quality management system, perfect quality control system and quality testing methods. Our company warmly welcome clients to discuss OEM or ODM services, advocates LED lighting products together with us.

Taking science and technology as driving, survival on high quality and seeking development with prestige, we make great efforts to become chief initiator and leader in LED lighting technology, strive to provide more low carbon, energy saving, environmental friendly products to the clients, and make contributions to green environmental protection of mankind.

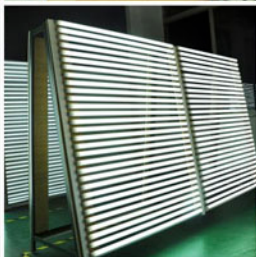
东莞市诺可光电科技有限公司是一家专业从事LED半导体照明研发、制造与销售的高科技企业，建筑面积6000平方米，公司成员200余人。并拥有一支20余人经验丰富的LED照明工程师及专家组成的研发团队，使公司在LED照明领域不断突破与创新。

公司已成功研发并推出LED商业照明、LED办公照明、LED工业照明、LED酒店照明和LED家居照明五大系列LED照明产品。公司主营的LED日光灯、筒灯、天花灯、平板灯、工矿灯、射灯及球泡产品，已通过CE、RoHS、FCC、C-Tick等认证，畅销欧美、澳洲、日本、东南亚等三十多个国家和地区。

公司引进国外先进的自动化生产设备和检测设备，严格按照ISO9001:2008质量管理体系运作，累积了先进的生产管理经验，建立了一套行之有效的质量管理体系和完善的质量监督检测方法。公司欢迎广大客户洽谈OEM或ODM业务，共同倡导LED绿色照明产品。

公司秉承以科技为动力，以质量求生存，以信誉求发展的经营宗旨，力争成为世界LED照明技术的积极倡导者和领导者。努力向广大客户提供低碳、节能、环保的LED照明产品，为人类绿色环保事业作出贡献。

Company Overview



产品销售覆盖全球

凭借专业的业务团队，完善的销售系统和网络，诺可LED产品走入了欧美，澳洲，东南亚，中东等地区的30多个国家的市场，并获得了国内外客户和用户的认可和好评。



Low-Carbon products markets

诺可产品销往国家地区：

Europe

欧洲：



UK/英国



Germany/德国



France/法国



Italy/意大利



Spain/西班牙



Holand/荷兰



Belgium/比利时



Luxemburg/卢森堡



Denmark/丹麦



Russia/俄罗斯

Asia

亚洲：



Japan/日本



Korea/韩国



Singapore/新加坡



Malaysia/马来西亚



Thailand/泰国



Hong Kong, China/中国香港



Taiwan, China/中国台湾

North America

北美洲：



America/美国



Canada/加拿大

Oceania

澳洲：



New Zealand/新西兰



Australia/澳大利亚

South America

南美洲：



Brazil/巴西



Venezuela/委内瑞拉

Africa

非洲：



South Africa/南非



World Wide Sales Networks

With professional sales team and distributor systems, Low-Carbon have sold LED products to Europe, US, Australia, Japan, Southeast Asia and Middle East markets. Customers are quite satisfied with the high quality of our products and good services from us.



Certificate

资质证书



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01

LED TUBE LIGHT SERIES | LED日光灯系列

High brightness SMD3528 with longer life-span and lower light decay.
Save up to 70% energy compare with compact fluorescent tube. High efficiency and unique designed driver, PF>0.98
No need to work with starter and ballasts. High CRI, no UV, IR and glare meet with IEC 62471. Above 35,000 hours life-span.
Ideal replacement of compact fluorescent.
Application: Widely used in office, factory, super market, school, parking lot, etc.

性能与特点:

高亮度SMD3528, 拥有更长的寿命和更低的光衰。
对比荧光灯管节能70%以上, 独特设计和高效的驱动电源, PF>0.98。
工作不需要启辉器和镇流器, 高显色性, 无红外线, 紫外线和眩光, 符合 IEC 62471 光生物安全标准, 超过3.5万小时的寿命, 是紧凑型荧光灯的理想替代品。

应用范围: 广泛应用于办公室, 工厂, 超市, 学校, 地下停车场等。



LED TUBE LIGHT SERIES
LED日光管系列



LED灯管与荧光灯对比分析

1. 节能

您可以选择诺可光电16w, 18 w或 20w LED灯管来取代传统36W荧光灯管 (加镇流器总功率为44W), 节能比例为60%左右。

2. 低碳

每节约一度电就可以减少0.99KG CO₂ (中国标准)。让我们携起手来, 一同倡导LED灯管, 以减少CO₂排放、保护地球、拯救人类。

3. 环保&可回收

LED灯管无汞, 可以回收, 但是传统的荧光灯管含汞, 一根废弃的荧光灯管产生的汞就能使22710KG纯净水污染成饮用水标准之下。

4. 长寿命

LED灯管寿命为35,000小时以上, 是传统荧光灯管寿命5,000小时的7倍以上。特别适合于安装在不便更换灯管的广告箱、高天花仓库及厂房等场所。

5. 无噪音, 光线舒适

LED灯管不像荧光灯管一样产生噪音, 而且光线舒适。LED灯管是办公室、图书馆、医院及一些精密电子设备场所的最佳选择。

6. 无频闪, 保护眼睛

LED灯管无频闪, 而传统荧光灯管每秒产生100-120次的频闪, 对人的眼睛有极大的危害。为了保护青少年的眼睛, 在学校采用LED灯管非常有必要。

7. 无紫外线, 不吸引蚊虫

LED灯管无紫光, 不像荧光灯管一样吸引蚊虫。因此LED灯管使用在餐馆、宾馆、博物馆, 会更加清洁卫生。

8. LED是冷光源, 不会对文件、字画、衣服及其他商品造成损害。

高效地将电能转化为光能, LED只产生冷光, 不会对文件、字画、衣服及其他商品造成损害。因此, LED灯管是博物馆、图书馆、服装店、超级市场及一些放置珍贵物品的地方。

LED Tube VS Fluorescent tube

1. Energy Saving

You can choose our 16w, 18w or 20w LED tubes to replace the conventional 36w (total power 44w with ballast) fluorescent tubes, and the energy saving rate is about 60%.

2. Low Carbon

It can reduce 0.69KG CO₂ (US Standards) emission if you save 1 KWH. Use LED tube and reduce the emission of CO₂, protect the earth and save ourselves.

3. Environmental protection & Recycled

No mercury (Hg) and Recycled for the LED tube. The mercury (Hg) from one fluorescent tube can pollute 22710KG pure water.

4. Long lifetime

The lifetime of LED tube is above 35,000 hours, seven times as conventional fluorescent tube with lifetime about 5,000 hours. They are suitable for places which are not easily to retrofit tubes, such as advertising lightbox, high ceiling warehouse and workshop., etc.

5. No noises, comfortable light.

LED tubes do not produce noise and have more comfortable light. The LED tubes are the perfect choice for offices, library, hospital and some places with precise electronic instruments.

6. No flicking, protecting eyes

There is no flicking for LED tube light, but the fluorescent tube will have 100-120 times flicking per second. In order to children's eyes, it is very important to use the LED tubes in schools.

7. No UV, do not attracting mosquitos and insects.

Not including ultraviolet rays for the LED light source, the LED tubes not attract mosquitos and insects like conventional fluorescent tube. The restaurant, hotel and museum will be much clean and healthful if they are used LED tubes.

8. LED is cold light source, do not damage files, painting, clothing and other goods.

High efficiency conversion from electric energy to luminous energy, the LED tube produces only cold light, and do not damage files, painting, clothing and goods. That is to say the LED tubes are good choice for museum, library, clothing shop, supermarket and some other places with valuable goods.

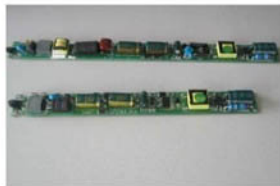
Why Low-Carbon LED Tube: Ten Top Reasons

1.LED



Common: DIP or low brightness SMD LED
Low-Carbon: 6-7mmpc SMD, 10*23mil Epistar chip

2.Driver



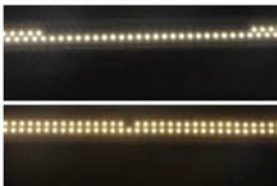
Common: 85% efficiency, PF<0.9, 2 years warranty
Low-Carbon: 93% efficiency, PF>0.97, 3 years warranty

3.PCB



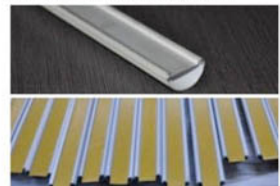
Common: FR-4 fibre PCB, heat resistance
Low-Carbon: aluminum PCB, good heat dissipation

4.Circuit Design



Common: one LED failure will lead to one series die
Low-Carbon: one LED failure will only the one itself die

5.Shell and heat dissipation



Common: PC or aluminum shell, no dummy plate, Seriously light decay, shorter lifetime.
Low-Carbon: Use aluminum shell with plate silica gel pad under PCB, good isolation Capacity and heat dissipation.

6.Driver protection&Connector



Common: No driver protection housing or only use Insulation paper, no male-female connector.
Low-Carbon: Use PC housing to isolate driver from aluminum shell, more safe. Use male female connector, change driver after 35,000 hours and extend tube life above 50,000 hours.

7.Packing



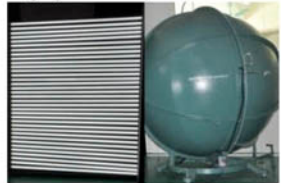
Common: Each LED tube packed by square boxes Or only hard paper tube.
Low-Carbon: Each LED tube packed by PE bag And hard paper tube, with protection caps for pins, 20pcs tube per carton.

8.Caps



Common: Metal caps with hollow pins, no screws But fixed by glue, can not be disassembled.
Low-Carbon: Plastic caps with solid copper surface Silver Plated, better electrical conductivity and more strong. Rotatable cap available.

9.Aging Test & Inspection



Common: only 12 hours aging test and do not full inspection before shipment.
Low-Carbon: 48 hours continuous aging test, do full inspection before shipment.

10.Certificate & Warranty



Common: No safety and EMC certificate, only two Years warranty.
Low-Carbon: With safety and EMC certificate, provided Three years warranty.



ROI Calculation of LED Tube Sample

	Conventional 18W T8 FL Tube	8W LED Tube	Conventional 36W T8 FL Tube	16W LED Tube	Conventional 58W T8 FL Tube	23W LED Tube
Lifespan (Hour)	5,000	35,000	5,000	35,000	5,000	35,000
Total Power (with ballast)	24	8	44	16	68	23
Cost per tube	\$2.50	\$40.00	\$3.00	\$70.00	\$3.50	\$90.00
Power consumption per day (24 hours)	0.58	0.19	1.06	0.38	1.63	0.55
Power consumption for 12 months(8760Hours)	210.2	70.1	385.4	140.2	595.7	201.5
The cost of Power consumption for 12 months (0.2USD/KWH)	\$42.05	\$14.02	\$77.09	\$28.03	\$119.14	\$40.30
Tube quantity for 12 months	2	1	2	1	2	1
Total cost of tube for 12 months	\$5.00	\$40.00	\$6.00	\$70.00	\$7.00	\$90.00
Installation and maintenance (5USD one time for one tube)	\$10.00	\$5.00	\$10.00	\$5.00	\$10.00	\$5.00
Total cost for 12 months	\$57.05	\$59.02	\$93.09	\$103.03	\$136.14	\$135.30
The saving fee for 12 months	-	-\$1.97	-	-\$9.94	-	\$0.84
Power consumption for 35K hours	840	280	1,540	560	2,380	805
The cost of Power consumption for 35K hours (0.2 USD/KWH)	\$168.00	\$56.00	\$308.00	\$112.00	\$476.00	\$161.00
The quantity of tube for 35K hours	7	1	7	1	7	1
total cost of tube for 35K hours	\$17.50	\$40.00	\$21.00	\$70.00	\$24.50	\$90.00
Installation and maintenance (5USD one time for one tube)	\$35.00	\$5.00	\$35.00	\$5.00	\$35.00	\$5.00
Total cost for 35K hours	\$220.50	\$101.00	\$364.00	\$187.00	\$535.50	\$256.00
The saving fee for 35K hours	-	\$119.50	-	\$177.00	-	\$279.50
Saving electric energy (KWH)	-	560	-	980	-	1575
Greenhouse gas CO₂ emission reduction(KG)	-	386	-	676	-	1087
Note: ROI = 1 year, if tube runs 24 hours/day; ROI = 1.5 year, if tube runs 16 hours/day; ROI = 2 years, if tube runs 12 hours/day.						

Remarks:

1. The cost of tubes are estimated according to price for end users.
2. The price of electric charge is 0.2USD/KWH, including VAT.
3. The LED tubes run 24 hour per day, and 30days per month.
4. US generate electricity standard, emitting 0.69KG CO₂ per KWH electric power.
5. Low-Carbon Lighting provides 3 years warranty for LED tubes.

LC-T8A/T10A (External driver, Rotatable cap, High CRI and Single End Input series are available)



(可选款式:外置电源、旋转灯头、高CRI和单边进电系列)

- 高亮度LED:台湾晶元芯片, 灯管发光效率达105lm/W。
- 高品质电源:转化效率高达90%, 功率因素达到0.98。
- 专利PCB设计:一颗灯珠损坏不会导致一列灯珠不亮。
- 热管理技术:先进的热管理技术及一流的散热材料。
- 模块化设计:模块化设计, 便于组装和拆卸。
- 认证:通过CE, PSE, FCC, C-tick安全认证, 符合RoHS标准。
- 质保:3年。

- High Brightness: Taiwan Epistar chip, light efficiency of tube reach to 105lm/w.
- Super driver: Conversion efficiency above 90% and power factor above 0.98.
- Patented designed PCB: only fail one LED not one series LED if any one LED die.
- Thermal technology: Advanced technology with first class radiator materials.
- Modular Structure: Modular design, easy assembly and disassembly.
- Certificate: CE, PSE, FCC, C-tick approval and RoHS Compliant
- Warranty: 3 years.

Color Temperature/色温范围: 2800k-3300k 4000k-4500k 5500k-6500k

Input Voltage/输入电压/频率: AC85-265V 50-60Hz

Power Factor/功率因素: 0.98

600mm Series/系列 Equal to traditional fluorescent tube/替换荧光灯管功率: 20W

Part No	Rated Power	LED Quantity	Luminous flux	Illuminance			Materials
产品型号	功率	LED数量	光通量	平均照度			灯体材质
LC-T8A-60CM-T8W	8W	120pcs	840lm ± 100lm	1M=280lux	2M=85lux	3M=35lux	Aluminum&Transparent PC
LC-T8A-60CM-M8W	8W	120pcs	720lm ± 100lm	1M=200lux	2M=70lux	3M=28lux	Aluminum&Frosted PC
LC-T8A-60CM-T10W	10W	144pcs	1030lm ± 100lm	1M=350lux	2M=90lux	3M=43lux	Aluminum&Transparent PC
LC-T8A-60CM-M10W	10W	144pcs	900lm ± 100lm	1M=250lux	2M=74lux	3M=35lux	Aluminum&Frosted PC

900mm Series/系列 Equal to traditional fluorescent tube/替换荧光灯管功率: 30W

Part No	Rated Power	LED Quantity	Luminous flux	Illuminance			Materials
产品型号	功率	LED数量	光通量	平均照度			灯体材质
LC-T8A-90CM-T14W	14W	200pcs	1440lm ± 100lm	1M=460lux	2M=115lux	3M=52lux	Aluminum&Transparent PC
LC-T8A-90CM-M14W	14W	200pcs	1230lm ± 100lm	1M=325lux	2M=86lux	3M=37lux	Aluminum&Frosted PC

1200mm Series/系列 Equal to traditional fluorescent tube/替换荧光灯管功率:40W

Part No	Rated Power	LED Quantity	Luminous flux	Illuminance			Materials
产品型号	功率	LED数量	光通量	平均照度			灯体材质
LC-T8A-120CM-T16W	16W	240pcs	1680lm ± 100lm	1M=540lux	2M=135lux	3M=60lux	Aluminum&Transparent PC
LC-T8A-120CM-M16W	16W	240pcs	1440lm ± 100lm	1M=380lux	2M=100ux	3M=44lux	Aluminum&Frosted PC
LC-T8A-120CM-T18W	18W	276pcs	1900lm ± 100lm	1M=610lux	2M=152lux	3M=68lux	Aluminum&Transparent PC
LC-T8A-120CM-M18W	18W	276pcs	1620lm ± 100lm	1M=425lux	2M=110ux	3M=48lux	Aluminum&Frosted PC
LC-T8A-120CM-T20W	20W	312pcs	2140lm ± 100lm	1M=685lux	2M=175lux	3M=76lux	Aluminum&Transparent PC
LC-T8A-120CM-M20W	20W	312pcs	1850lm ± 100lm	1M=485lux	2M=130ux	3M=57lux	Aluminum&Frosted PC

1500mm Series/系列 Equal to traditional fluorescent tube/替换荧光灯管功率:58W

Part No	Rated Power	LED Quantity	Luminous flux	Illuminance			Materials
产品型号	功率	LED数量	光通量	平均照度			灯体材质
LC-T8A-150CM-T23W	23W	336pcs	2350lm ± 100lm	1M=750lux	2M=188lux	3M=84lux	Aluminum&Transparent PC
LC-T8A-150CM-M23W	23W	336pcs	2030lm ± 100lm	1M=530lux	2M=133ux	3M=60lux	Aluminum&Frosted PC

1800mm Series/系列 Equal to traditional fluorescent tube/替换荧光灯管功率:75W

Part No	Rated Power	LED Quantity	Luminous flux	Illuminance			Materials
产品型号	功率	LED数量	光通量	平均照度			灯体材质
LC-T8A-180CM-T28W	28W	400pcs	2850lm ± 100lm	1M=820lux	2M=228lux	3M=101lux	Aluminum&Transparent PC
LC-T8A-180CM-M28W	28W	400pcs	2430lm ± 100lm	1M=637lux	2M=170ux	3M=73lux	Aluminum&Frosted PC

2400mm Series/系列 Equal to traditional fluorescent tube/替换荧光灯管功率:110W

Part No	Rated Power	LED Quantity	Luminous flux	Illuminance			Materials
产品型号	功率	LED数量	光通量	平均照度			灯体材质
LC-T8A-240CM-T38W	38W	552pcs	3870lm ± 100lm	1M=870lux	2M=310lux	3M=138lux	Aluminum&Transparent PC
LC-T8A-240CM-M38W	38W	552pcs	3250lm ± 100lm	1M=650lux	2M=230ux	3M=98lux	Aluminum&Frosted PC



LC-T8B/T10B (External driver, Rotatable cap, High CRI and Single End Input series are available)

(可选款式:外置电源、旋转灯头、高CRI和单边进电系列)

- 高亮度LED,台湾晶元芯片,灯管发光效率达100lm/W。
- 高品质电源:转化效率高达90%,功率因素达到0.90。
- 专利PCB设计:一颗灯珠损坏不会导致一列灯珠不亮。
- 热管理技术:先进的热管理技术及一流的散热材料。
- 模块化设计:模块化设计,便于组装和拆卸。
- 认证:通过CE,PSE,FCC,C-tick安全认证,符合RoHS标准。
- 质保:3年。

- High Brightness: Taiwan Epistar chip, light efficiency of tube reach to 100lm/w.
- Super driver: Conversion efficiency above 90% and power factor above 0.90.
- Patented designed PCB: only fail one LED not one series LED if any one LED die.
- Thermal technology: Advanced technology with first class radiator materials.
- Modular Structure: Modular design, easy assembly and disassembly.
- Certificate: CE, PSE, FCC, C-tick approval and RoHS Compliant
- Warranty: 3 years.



Color Temperature/色温范围:2800k-3200k 4000k-4500k 5500k-6500k

Input Voltage/输入电压/频率: AC85-265V 50-60Hz

Power Factor/功率因素:0.90

600mm Series/系列 Equal to traditional fluorescent tube/替换荧光灯管功率:20W

Part No	Rated Power	LED Quantity	Luminous flux	Illuminance			Materials
产品型号	功率	LED数量	光通量	平均照度			灯体材质
LC-T8B-60CM-T8W	8W	120pcs	800lm ± 100lm	1M=266lux	2M=81lux	3M=34lux	Aluminum&Transparent PC
LC-T8B-60CM-M8W	8W	120pcs	680lm ± 100lm	1M=195lux	2M=66lux	3M=31lux	Aluminum&Transparent PC
LC-T8B-60CM-T10W	10W	144pcs	1000lm ± 100lm	1M=333lux	2M=86lux	3M=41lux	Aluminum&Frosted PC
LC-T8B-60CM-M10W	10W	144pcs	850lm ± 100lm	1M=225lux	2M=71lux	3M=34lux	Aluminum&Frosted PC

900mm Series/系列 Equal to traditional fluorescent tube/替换荧光灯管功率:30W

Part No	Rated Power	LED Quantity	Luminous flux	Illuminance			Materials
产品型号	功率	LED数量	光通量	平均照度			灯体材质
LC-T8B-90CM-T14W	14W	200pcs	1400lm ± 100lm	1M=447lux	2M=115lux	3M=50lux	Aluminum&Transparent PC
LC-T8B-90CM-M14W	14W	200pcs	1190lm ± 100lm	1M=312lux	2M=84lux	3M=36lux	Aluminum&Frosted PC

1200mm Series/系列 Equal to traditional fluorescent tube/替换荧光管功率:40W

Part No	Rated Power	LED Quantity	Luminous flux	Illuminance			Materials
产品型号	功率	LED数量	光通量	平均照度			灯体材质
LC-T8B-120CM-T16W	16W	240pcs	1580lm ± 100lm	1M=505lux	2M=128lux	3M=57lux	Aluminum&Transparent PC
LC-T8B-120CM-M16W	16W	240pcs	1340lm ± 100lm	1M=352lux	2M=95lux	3M=42lux	Aluminum&Frosted PC
LC-T8B-120CM-T18W	18W	276pcs	1800lm ± 100lm	1M=575lux	2M=145lux	3M=65lux	Aluminum&Transparent PC
LC-T8B-120CM-M18W	18W	276pcs	1530lm ± 100lm	1M=405lux	2M=110lux	3M=48lux	Aluminum&Frosted PC
LC-T8B-120CM-T20W	20W	312pcs	2000lm ± 100lm	1M=640lux	2M=160lux	3M=73lux	Aluminum&Transparent PC
LC-T8B-120CM-M20W	20W	312pcs	1700lm ± 100lm	1M=445lux	2M=120lux	3M=51lux	Aluminum&Frosted PC

1500mm Series/系列 Equal to traditional fluorescent tube/替换荧光管功率:50W

Part No	Rated Power	LED Quantity	Luminous flux	Illuminance			Materials
产品型号	功率	LED数量	光通量	平均照度			灯体材质
LC-T8B-150CM-T23W	23W	336pcs	2300lm ± 100lm	1M=735lux	2M=185lux	3M=82lux	Aluminum&Transparent PC
LC-T8B-150CM-M23W	23W	336pcs	1955lm ± 100lm	1M=513lux	2M=137lux	3M=60lux	Aluminum&Frosted PC

1800mm Series/系列 Equal to traditional fluorescent tube/替换荧光管功率:75W

Part No	Rated Power	LED Quantity	Luminous flux	Illuminance			Materials
产品型号	功率	LED数量	光通量	平均照度			灯体材质
LC-T8B-180CM-T28W	28W	400pcs	2800lm ± 100lm	1M=800lux	2M=224lux	3M=90lux	Aluminum&Transparent PC
LC-T8B-180CM-M28W	28W	400pcs	2388lm ± 100lm	1M=600lux	2M=165lux	3M=71lux	Aluminum&Frosted PC

2400mm Series/系列 Equal to traditional fluorescent tube/替换荧光管功率:110W

Part No	Rated Power	LED Quantity	Luminous flux	Illuminance			Materials
产品型号	功率	LED数量	光通量	平均照度			灯体材质
LC-T8B-180CM-T38W	38W	552pcs	3800lm ± 100lm	1M=850lux	2M=305lux	3M=136lux	Aluminum&Transparent PC
LC-T8B-180CM-M38W	38W	552pcs	3230lm ± 100lm	1M=650lux	2M=226lux	3M=97lux	Aluminum&Frosted PC



LED Tube Light Series LED日光灯系列

LC-T8C/T10C (External driver, Rotatable cap, High CRI and Single End Input series are available)



Color Temperature/色温范围: 2800K-3200K 4000K-4500K 5500K-6500K

Input Voltage/输入电压/频率: AC85~265V 50~60Hz

Power Factor/功率因素: 0.90

600mm Series/系列 Equal to traditional fluorescent tube/替换荧光灯管功率:20W

Part No	Rated Power	LED Quantity	Luminous flux	Illuminance			Materials
产品型号	功率	LED数量	光通量	平均照度			灯体材质
LC-T8C-60CM-T8W	8W	120pcs	760lm ± 100lm	1M=252lux	2M=77lux	3M=32lux	Aluminum&Transparent PC
LC-T8C-60CM-M8W	8W	120pcs	660lm ± 100lm	1M=182lux	2M=56lux	3M=25lux	Aluminum&Frosted PC
LC-T8C-60CM-T10W	10W	144pcs	960lm ± 100lm	1M=315lux	2M=81lux	3M=39lux	Aluminum&Transparent PC
LC-T8C-60CM-M10W	10W	144pcs	830lm ± 100lm	1M=225lux	2M=67lux	3M=32lux	Aluminum&Frosted PC

900mm Series/系列 Equal to traditional fluorescent tube/替换荧光灯管功率:30W

Part No	Rated Power	LED Quantity	Luminous flux	Illuminance			Materials
产品型号	功率	LED数量	光通量	平均照度			灯体材质
LC-T8C-90CM-T14W	14W	200pcs	1340lm ± 100lm	1M=428lux	2M=110lux	3M=48lux	Aluminum&Transparent PC
LC-T8C-90CM-M14W	14W	200pcs	1160lm ± 100lm	1M=305lux	2M=82lux	3M=35lux	Aluminum&Frosted PC

1200mm Series/系列 Equal to traditional fluorescent tube/替换荧光灯管功率:40W

Part No	Rated Power	LED Quantity	Luminous flux	Illuminance			Materials
产品型号	功率	LED数量	光通量	平均照度			灯体材质
LC-T8C-120CM-T16W	16W	240pcs	1530lm ± 100lm	1M=490lux	2M=125lux	3M=55lux	Aluminum&Transparent PC
LC-T8C-120CM-M16W	16W	240pcs	1320lm ± 100lm	1M=345lux	2M=95lux	3M=40lux	Aluminum&Frosted PC
LC-T8C-120CM-T18W	18W	276pcs	1720lm ± 100lm	1M=550lux	2M=138lux	3M=63lux	Aluminum&Transparent PC
LC-T8C-120CM-M18W	18W	276pcs	1490lm ± 100lm	1M=404lux	2M=108lux	3M=47lux	Aluminum&Frosted PC
LC-T8C-120CM-T20W	20W	312pcs	1920lm ± 100lm	1M=613lux	2M=155lux	3M=70lux	Aluminum&Transparent PC
LC-T8C-120CM-M20W	20W	312pcs	1660lm ± 100lm	1M=440lux	2M=117lux	3M=50lux	Aluminum&Frosted PC

(可选款式:外置电源、旋转灯头、高CRI和单边进电系列)

- 高亮度LED:台湾晶元芯片,灯管发光效率达96lm/W。
- 高品质电源:转换效率高90%,功率因素达到0.90。
- 专利PCB设计:一颗灯珠损坏不会导致一列灯珠不亮。
- 热管理技术:先进的热管理技术及一流的散热材料。
- 模块化设计:模块化设计,便于组装和拆卸。
- 认证:通过CE,PSE,FCC,C-Tick安全认证,符合RoHS标准。
- 质保:2年。

- High Brightness: Taiwan Epistar chip, light efficiency of tube reach to 96lm/w.
- Super driver: Conversion efficiency above 90% and power factor above 0.90.
- Patented designed PCB: only fail one LED not one series LED if any one LED die.
- Thermal technology: Advanced technology with first class radiator materials.
- Modular Structure: Modular design, easy assembly and disassembly.
- Certificate: CE, PSE, FCC, C-tick approval and RoHS Compliant
- Warranty: 2 years.

1500mm Series/系列 Equal to traditional fluorescent tube/替换荧光管功率:58W

Part No	Rated Power	LED Quantity	Luminous flux	Illuminance			Materials
产品型号	功率	LED数量	光通量	平均照度			灯体材质
LC-T8C-150CM-T23W	23W	336pcs	2200lm ± 100lm	1M=705lux	2M=176lux	3M=80lux	Aluminum&Transparent PC
LC-T8C-150CM-M23W	23W	336pcs	1900lm ± 100lm	1M=500lux	2M=133lux	3M=57lux	Aluminum&Frosted PC

1800mm Series/系列 Equal to traditional fluorescent tube/替换荧光管功率:75W

Part No	Rated Power	LED Quantity	Luminous flux	Illuminance			Materials
产品型号	功率	LED数量	光通量	平均照度			灯体材质
LC-T8C-180CM-T28W	28W	400pcs	2680lm ± 100lm	1M=760lux	2M=214lux	3M=96lux	Aluminum&Transparent PC
LC-T8C-180CM-M28W	28W	400pcs	2320lm ± 100lm	1M=550lux	2M=163lux	3M=70lux	Aluminum&Frosted PC

2400mm Series/系列 Equal to traditional fluorescent tube/替换荧光管功率:110W

Part No	Rated Power	LED Quantity	Luminous flux	Illuminance			Materials
产品型号	功率	LED数量	光通量	平均照度			灯体材质
LC-T8C-180CM-T38W	38W	552pcs	3640lm ± 100lm	1M=800lux	2M=291lux	3M=130lux	Aluminum&Transparent PC
LC-T8C-180CM-M38W	38W	552pcs	3150lm ± 100lm	1M=600lux	2M=221lux	3M=95lux	Aluminum&Frosted PC





02

LED DOWNLIGHT SERIES LED筒灯系列

Low-Carbon LED Downlight are the ideal replacement for the conventional downlight, energy-saving up to 70%. Using COB (chip on board) LED with CRI >85 and super external constant current driver, high quality driver with power factor >0.90. The LED Downlights are widely used in hotels, office, shops, supermarket, airport, station., etc.

诺可LED筒灯是替换传统筒灯的理想选择，节能比率达到70%以上。采用COB集成封装光源，使用优质外置电源驱动，功率因素>0.90，显色指数>85。

采用先进的散热技术，灯具光衰小。广泛应用于酒店、宾馆、办公室、商店、超市、机场和车站等。

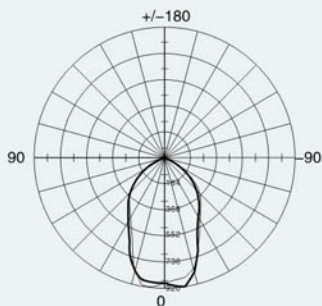


COB01 Series/系列

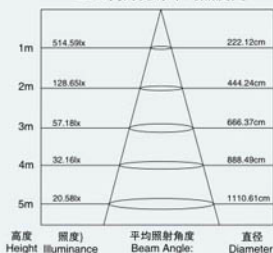


- LED: Taiwan Epistar chip COB LED, CRI>85 reach to 100lm/w.
- Super driver: High efficiency and PF>0.90 isolated driver.
- Special light: COB LED with much more soft and even light.
- Dimension and style: full range dimension, power and color styles.
- Certificate: CE, FCC approval and RoHS compliant.
- Warranty: 3 years.

- LED: 台湾晶元芯片集成封装LED, 显色指数>85, 光效>100lm/w.
- 驱动: 高品质, 高效率, 隔离式电源, PF>0.90。
- 光效独特: 集成封装LED发光更均匀柔和。
- 规格和款式: 规格尺寸齐全, 颜色多种可选。
- 认证: 通过CE, FCC认证, 符合RoHS标准。
- 质保期: 三年。



20W LED downlight average illuminance picture
20W筒灯光源平均照度图



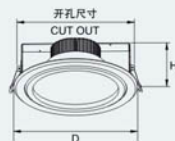


可选外观/Optional Surface:

-  烤白漆/White
-  镀光铬/Chrome
-  镀黑铬/Black Chrome
-  镀镍色/Nickel



COB LED



Glass Type/玻璃类型: Frosted/磨砂、Grid/网格、Clear/透明

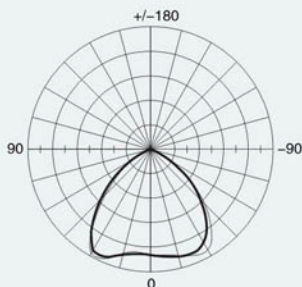
Item No.	Rated Power	Input Voltage	Color Temperature	Luminous flux	Illuminance	Cutout	Size	Viewing Angle
产品型号	功率	输入电压	色温范围	光通量	平均照度	开口孔径	外形规格	发光角度
LC-COB01-D3W	3W	AC85-265V 50-60Hz	2700K-3300K	200lm ± 50lm	1M=151lux	Φ 94mm	D114*H34mm	60°
			4000K-4500K		2M=38lux			
			5700K-6300K		3M=17lux			
LC-COB01-D5W	5W	AC85-265V 50-60Hz	2700K-3300K	310lm ± 50lm	1M=316lux	Φ 104mm	D124*H37mm	60°
			4000K-4500K		2M=79lux			
			5700K-6300K		3M=35lux			
LC-COB01-D10W	10W	AC85-265V 50-60Hz	2700K-3300K	640lm ± 50lm	1M=266lux	Φ 138mm	D152*H68mm	100°
			4000K-4500K		2M=66lux			
			5700K-6300K		3M=30lux			
LC-COB01-D15W	15W	AC85-265V 50-60Hz	2700K-3300K	865lm ± 100lm	1M=515lux	Φ 168mm	D183*H82mm	100°
			4000K-4500K		2M=129lux			
			5700K-6300K		3M=57lux			
LC-COB01-D20W	20W	AC85-265V 50-60Hz	2700K-3300K	1270lm ± 100lm	1M=824lux	Φ 184mm	D200*H83mm	60°
			4000K-4500K		2M=206lux			
			5700K-6300K		3M=92lux			
LC-COB01-D30W	30W	AC85-265V 50-60Hz	2700K-3300K	1905lm ± 100lm	1M=914lux	Φ 203mm	D225*H85mm	100°
			4000K-4500K		2M=228lux			
			5700K-6300K		3M=102lux			

COB02 Series/系列

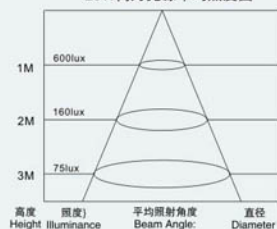


- LED: Taiwan Epistar chip COB LED, above 100lm/w.
- Super driver: High efficiency and PF>0.90 isolated driver.
- Special light: COB LED with much more soft and even light.
- Dimension and style: full range dimension, power and color styles.
- Certificate: CE, FCC approval and RoHS compliant.
- Warranty: 3 years.

- LED: 台湾晶元芯片集成封装LED, 光效>100lm/w。
- 驱动: 高品质, 高效率, 隔离式电源, PF>0.90。
- 光效独特: 集成封装LED, 发光更均匀更柔和。
- 规格和款式: 规格、功率齐全, 颜色丰富。
- 认证: 通过CE, FCC认证, 符合 RoHS 标准。
- 质保期: 三年。



20W LED downlight average illuminance picture
20W筒灯光源平均照度图





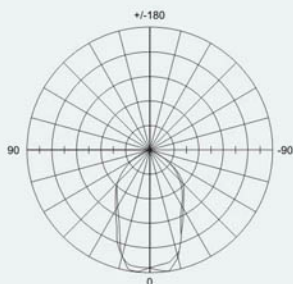
Item No.	Rated Power	Input Voltage	Color Temperature	Luminous flux	Illuminance	Cutout	Size	Viewing Angle
产品型号	功率	输入电压	色温范围	光通量	平均照度	开口孔径	外形规格	发光角度
LC-COB02-D5W	5W	AC85-265V 50-60Hz	2800k-3200k	300lm ± 50lm	1M=170lux	Φ 90 ± 3mm	D108*H32mm	120°
			4000k-4500k		2M=42lux			
			6000k-7000k		3M=19lux			
LC-COB02-D10WA	10W	AC85-265V 50-60Hz	2800k-3200k	600lm ± 50lm	1M=213lux	Φ 90 ± 3mm	D108*H48mm	120°
			4000k-4500k		2M=53lux			
			6000k-7000k		3M=24lux			
LC-COB02-D10WA-H (High Brightness)	10W	AC85-265V 50-60Hz	2800k-3200k	800lm ± 50lm	1M=240lux	Φ 90 ± 3mm	D108*H48mm	120°
			4000k-4500k		2M=60lux			
			6000k-7000k		3M=27lux			
LC-COB02-D10WB	10W	AC85-265V 50-60Hz	2700k-3300k	600lm ± 50lm	1M=536lux	Φ 90 ± 3mm	D108*H48mm	38° 45°
			4000k-4500k		2M=134lux			
			6000k-7000k		3M=60lux			
LC-COB02-D10WB-H (High Brightness)	10W	AC85-265V 50-60Hz	2700k-3300k	800lm ± 50lm	1M=603lux	Φ 90 ± 3mm	D108*H48mm	38° 45°
			4000k-4500k		2M=151lux			
			6000k-7000k		3M=67lux			
LC-COB02-D15W	15W	AC85-265V 50-60Hz	2700k-3300k	1000lm ± 200lm	1M=580lux	Φ 120 ± 3mm	D145*H80mm	120°
			4000k-4500k		2M=158lux			
			6000k-7000k		3M=69lux			
LC-COB02-D20W	20W	AC85-265V 50-60Hz	2700k-3300k	1400lm ± 200lm	1M=600lux	Φ 120 ± 3mm	D145*H80mm	120°
			4000k-4500k		2M=160lux			
			6000k-7000k		3M=75lux			
LC-COB02-D25W	25W	AC85-265V 50-60Hz	2700k-3300k	1800lm ± 200lm	1M=660lux	Φ 170 ± 3mm	D196*H85mm	120°
			4000k-4500k		2M=176lux			
			6000k-7000k		3M=83lux			

SMD01 Series/系列

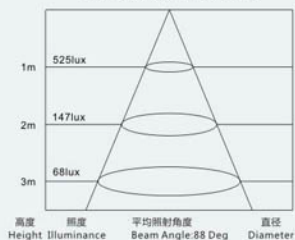


- LED: Taiwan Epistar chip COB LED, above 90lm/w.
- Super driver: High efficiency and PF>0.90 isolated driver.
- Special light: COB LED with much more soft and even light.
- Dimension and style: full range dimension, power and color styles.
- Certificate: CE, FCC approval and RoHS compliant.
- Warranty: 3 years.

- LED: 台湾晶元芯片集成封装LED, 光效>90lm/w。
- 高品质, 高效率隔离式电源, PF>0.90。
- 光效独特: 集成封装LED, 发光更均匀更柔和。
- 规格和款式: 规格、功率齐全, 颜色丰富。
- 认证: 通过CE, FCC认证, 符合 RoHS 标准。
- 质保期: 三年。

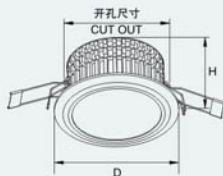


20W LED downlight average illuminance picture
20W筒灯光源平均照度图





CHIP SMD LED 贴片光源模组



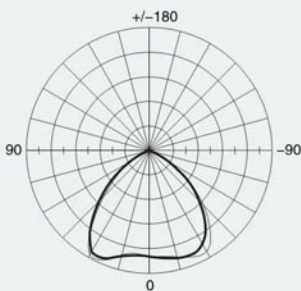
Item No.	Rated Power	Input Voltage	Color Temperature	Luminous flux	Illuminance	Cutout	Size	Viewing Angle
产品型号	功率	输入电压	色温范围	光通量	平均照度	开口孔径	外形规格	发光角度
LC-SMD01-D5W	5W	AC90-250V 50-60Hz	2700k-3300k 4000k-4500k 6000k-7000k	300lm ± 50lm	1M=211lux 2M=45lux 3M=21lux	Φ 90 ± 3mm	D108*H32mm	120°
LC-SMD01-D10W	10W	AC90-250V 50-60Hz	2700k-3300k 4000k-4500k 6000k-7000k	500lm ± 50lm	1M=239lux 2M=60lux 3M=27lux	Φ 90 ± 3mm	D108*H32mm	120°
LC-SMD01-D15W	15W	AC90-250V 50-60Hz	2700k-3300k 4000k-4500k 6000k-7000k	850lm ± 200lm	1M=464lux 2M=116lux 3M=51lux	Φ 90 ± 3mm	D108*H48mm	120°
LC-SMD01-D20W	20W	AC90-250V 50-60Hz	2700k-3300k 4000k-4500k 6000k-7000k	1200lm ± 200lm	1M=525lux 2M=147lux 3M=68lux	Φ 120 ± 3mm	D145*H58mm	120° 90°
LC-SMD01-D25W	25W	AC90-250V 50-60Hz	2700k-3300k 4000k-4500k 6000k-7000k	1400lm ± 200lm	1M=618lux 2M=168lux 3M=73lux	Φ 170 ± 3mm	D196*H85mm	120°
LC-SMD01-D30W	30W	AC90-250V 50-60Hz	2700k-3300k 4000k-4500k 6000k-7000k	1600lm ± 200lm	1M=742lux 2M=185lux 3M=83lux	Φ 170 ± 3mm	D196*H85mm	120°

COB03 Series/系列

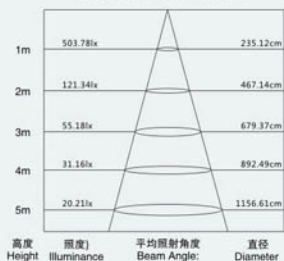


- LED: Taiwan Epistar chip COB LED, CRI>70, above 90lm/w.
- Super driver: High efficiency and PF>0.90 isolated driver.
- Special light: COB LED with much more soft and even light.
- Dimension and style: full range dimension, power and color styles.
- Certificate: CE, FCC approval and RoHS compliant.
- Warranty: 3 years.

- LED: 台湾晶元芯片集成封装LED, 显色指数>70, 光效>90lm/w。
- 高品质, 高效率隔离式电源, PF>0.90。
- 光效独特: 集成封装LED, 发光更均匀更柔和。
- 规格和款式: 规格、功率齐全, 颜色丰富。
- 认证: 通过CE, FCC认证, 符合 RoHS 标准。
- 质保期: 三年。



20W LED downlight average illuminance picture
20W筒灯光源平均照度图



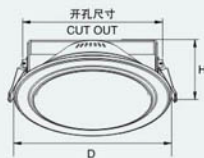


可选外观/Optional Surface:

-  烤白漆/White
-  镀光铬/Chrome
-  镀黑铬/Black Chrome
-  镀镍色/Nickel



COB LED



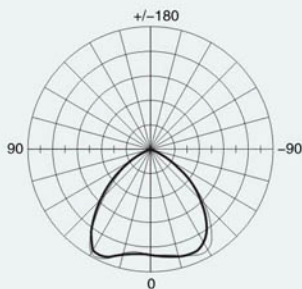
Item No.	Rated Power	Input Voltage	Color Temperature	Luminous flux	Illuminance	Cutout	Size	Viewing Angle
产品型号	功率	输入电压	色温范围	光通量	平均照度	开口孔径	外形规格	发光角度
LC-COB03-D3W	3W	AC85-265V 50-60Hz	2700K-3300K	200lm ± 50lm	1M=155lux	Φ 86mm	D114*H54mm	120°
			4000K-4500K		2M=36lux			
			5700K-6300K		3M=16lux			
LC-COB03-D5W	5W	AC85-265V 50-60Hz	2700K-3300K	310lm ± 50lm	1M=236lux	Φ 96mm	D130*H54mm	120°
			4000K-4500K		2M=56lux			
			5700K-6300K		3M=24lux			
LC-COB03-D10W	10W	AC85-265V 50-60Hz	2700K-3300K	640lm ± 50lm	1M=136lux	Φ 142mm	D160*H93mm	120°
			4000K-4500K		2M=36lux			
			5700K-6300K		3M=16lux			
LC-COB03-D15W	15W	AC85-265V 50-60Hz	2700K-3300K	865lm ± 100lm	1M=175lux	Φ 156mm	D185*H93mm	120°
			4000K-4500K		2M=44lux			
			5700K-6300K		3M=20lux			
LC-COB03-D20W	20W	AC85-265V 50-60Hz	2700K-3300K	1270lm ± 100lm	1M=650lux	Φ 183mm	D205*H108mm	120°
			4000K-4500K		2M=147lux			
			5700K-6300K		3M=62lux			
LC-COB03-D30W	30W	AC85-265V 50-60Hz	2700K-3300K	1905lm ± 100lm	1M=436lux	Φ 211mm	D230*H117mm	120°
			4000K-4500K		2M=107lux			
			5700K-6300K		3M=48lux			

COB04 Series/系列

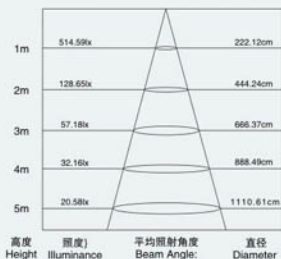


- LED: Taiwan Epistar chip COB LED, CRI>85, above 100lm/w.
- Super driver: High efficiency and PF>0.90 isolated driver.
- Special light: COB LED with much more soft and even light.
- Dimension and style: full range dimension, power and color styles.
- Certificate: CE, FCC approval and RoHS compliant.
- Warranty: 3 years.

- LED: 台湾晶元芯片集成封装LED, 显色指数>85, 光效>100lm/w。
- 高品质, 高效率隔离式电源, PF>0.90。
- 光效独特: 集成封装LED, 发光更均匀更柔和。
- 规格和款式: 规格、功率齐全, 颜色丰富。
- 认证: 通过CE, FCC认证, 符合 RoHS 标准。
- 质保期: 三年。



20W LED downlight average illuminance picture
20W筒灯光源平均照度图



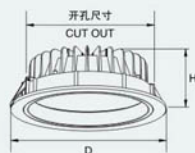


可选外观/Optional Surface:

-  烤白漆/White
-  镀光铬/Chrome
-  镀黑铬/Black Chrome
-  镀镍色/Nickel



COB LED



Item No.	Rated Power	Input Voltage	Color Temperature	Luminous flux	Illuminance	Cutout	Size	Viewing Angle
产品型号	功率	输入电压	色温范围	光通量	平均照度	开口孔径	外形规格	发光角度
LC-COB04-D3W	3W	AC85-265V 50-60Hz	2700k-3300k	180lm ± 50lm	1M=170lux	Φ 80mm	D90*H65mm	120°
			4000k-4500k		2M=39lux			
			5700k-6300k		3M=18lux			
LC-COB03-D5W	5W	AC85-265V 50-60Hz	2700k-3300k	380lm ± 50lm	1M=170lux	Φ 80mm	D90*H65mm	120°
			4000k-4500k		2M=39lux			
			5700k-6300k		3M=18lux			
LC-COB04-D10W	10W	AC85-265V 50-60Hz	2700k-3300k	650lm ± 50lm	1M=200lux	Φ 130mm	D143*H68mm	120°
			4000k-4500k		2M=61lux			
			5700k-6300k		3M=30lux			
LC-COB04-D15W	15W	AC85-265V 50-60Hz	2700k-3300k	1050lm ± 100lm	1M=345lux	Φ 130mm	D143*H68mm	120°
			4000k-4500k		2M=82lux			
			5700k-6300k		3M=37lux			
LC-COB04-D20W	20W	AC85-265V 50-60Hz	2700k-3300k	1320lm ± 100lm	1M=370lux	Φ 170mm	D192*H72mm	120°
			4000k-4500k		2M=96lux			
			5700k-6300k		3M=46lux			
LC-COB04-D30W	30W	AC85-265V 50-60Hz	2700k-3300k	1880lm ± 100lm	1M=510lux	Φ 195mm	D221*H75mm	120°
			4000k-4500k		2M=119lux			
			5700k-6300k		3M=61lux			

LC-HP01 Series/LC-HP01系列



- LED: Taiwan Edison/Epistar chip High Power LED, CRI>70, 90~100lm/w.
- Super driver: High efficiency and PF>0.90 isolated driver.
- Defferent angle: High Power LED with different viewing angle available.
- Dimension and style: full range dimension, power and color styles.
- Certificate: CE, FCC approval and RoHS compliant.
- Warranty: 3 years.
- LED: 台湾爱迪生或晶元大功率芯片LED, 显示指数>70, 光效90~100lm/w.
- 优质电源: 高品质, 高效率隔离式电源; PF>0.90.
- 可选择不同的发光角度。
- 规格和款式: 规格、功率齐全, 颜色丰富。
- 认证: 通过CE, FCC认证, 符合 RoHS 标准。
- 质保期: 三年。



Item No.	Rated Power	Input Voltage	Color Temperature	Luminous flux	Illuminance	Cutout	Size
产品型号	功率	输入电压	色温范围	光通量	平均照度	开口孔径	外形规格
LC-HP01-D3W	3W	AC85-265V 50-60Hz	2700k-3300k 4000k-4500k 5500k-6500k	200lm ± 50lm	1M=75lux 2M=18lux 3M=10lux	Φ 80mm	D100*H60mm
LC-HP01-D5W	5W	AC85-265V 50-60Hz	2700k-3300k 4000k-4500k 5500k-6500k	350lm ± 50lm	1M=118lux 2M=29lux 3M=13lux	Φ 101mm	D120*H60mm
LC-HP01-D6W	6W	AC85-265V 50-60Hz	2700k-3300k 4000k-4500k 5500k-6500k	420lm ± 50lm	1M=142lux 2M=35lux 3M=16lux	Φ 101mm	D120*H60mm
LC-HP01-D7W	7W	AC85-265V 50-60Hz	2700k-3300k 4000k-4500k 5500k-6500k	490lm ± 50lm	1M=166lux 2M=41lux 3M=18lux	Φ 125mm	D148*H46mm
LC-HP01-D8W	8W	AC85-265V 50-60Hz	2700k-3300k 4000k-4500k 5500k-6500k	560lm ± 50lm	1M=188lux 2M=48lux 3M=20lux	Φ 125mm	D148*H46mm
LC-HP01-D9W	9W	AC85-265V 50-60Hz	2700k-3300k 4000k-4500k 5500k-6500k	630lm ± 50lm	1M=219lux 2M=55lux 3M=23lux	Φ 125mm	D148*H46mm

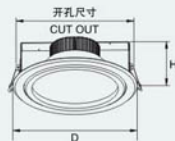


可选外观/Optional Surface:

-  镀光铬/Chrome
-  镀青铜/Bronze
-  镀红铜/Red-Bronze



High Power LED



Item No.	Rated Power	Input Voltage	Color Temperature	Luminous flux	Illuminance	Cutout	Size
产品型号	功率	输入电压	色温范围	光通量	平均照度	开口孔径	外形规格
LC-HP01-D10W	10W	AC85-265V 50-60Hz	2700k-3300k	700lm ± 50lm	1M=262lux	Φ 155mm	D183*H58mm
			4000k-4500k		2M=66lux		
			5500k-6500k		3M=26lux		
LC-HP01-D12W	12W	AC85-265V 50-60Hz	2700k-3300k	840lm ± 100lm	1M=315lux	Φ 185mm	D200*H58mm
			4000k-4500k		2M=80lux		
			5500k-6500k		3M=32lux		
LC-HP01-D15W	15W	AC85-265V 50-60Hz	2700k-3300k	1050lm ± 100lm	1M=394lux	Φ 185mm	D200*H58mm
			4000k-4500k		2M=100lux		
			5500k-6500k		3M=41lux		
LC-HP01-D18W	18W	AC85-265V 50-60Hz	2700k-3300k	1260lm ± 100lm	1M=472lux	Φ 205mm	D230*H78mm
			4000k-4500k		2M=121lux		
			5500k-6500k		3M=50lux		
LC-HP01-D20W	20W	AC85-265V 50-60Hz	2700k-3300k	1400lm ± 100lm	1M=529lux	Φ 205mm	D230*H78mm
			4000k-4500k		2M=136lux		
			5500k-6500k		3M=56lux		



LED BULB SERIES | LED球泡系列

Light Efficiency: Module series (70lm/w) > High Power series (65lm/w) > COB series (60lm/w).

CRI: Module series (85Ra) > COB series (80Ra) > High Power series (75Ra).

Price: Module series > COB series > High Power series.

Super driver: High efficiency and power factor isolated driver; EMC compliant.

Extruded aluminum, oxidized housing with different colors, better heat dissipation.

Warranty: 3 years.

诺可LED球泡灯优势:

光效: 模组系列(70lm/w) > 大功率系列(65lm/w) > COB系列(60lm/w)。

显色指数: 模组系列(85Ra) > COB系列(80Ra) > 大功率系列(75Ra)。

价格: 模组系列 > COB系列 > 大功率系列。

高性能电源: 高转化效率, 高功率因素隔离式电源, 过EMC。

优质外壳: 铝型材+高透光率玻璃罩, 外壳氧化成各种颜色, 散热性能好。

质保期: 3年。

LOW-CARBON
诺可·光电



LED BULB SERIES
LED 球泡系列

HP01 COB01 Module01 SERIES/系列



Item No.	Rated Power	Input Voltage	Color Temperature	Luminous flux	lamp base	Size
产品型号	功率	输入电压	色温	光通量	灯头类型	规格
LC-HP01-B4W	4W	AC85-265V 50-60Hz	2700k-3300k/4000k-4500k/5500k-6500k	260lm ± 50lm	E27/E26/ B22	Φ60*H117mm
LC-HP01-B5W	5W	AC85-265V 50-60Hz	2700k-3300k/4000k-4500k/5500k-6500k	325lm ± 50lm	E27/E26/ B22	Φ60*H117mm
LC-HP01-B6W	6W	AC85-265V 50-60Hz	2700k-3300k/4000k-4500k/5500k-6500k	390lm ± 50lm	E27/E26/ B22	Φ60*H117mm
LC-HP01-B7W	7W	AC85-265V 50-60Hz	2700k-3300k/4000k-4500k/5500k-6500k	455lm ± 50lm	E27/E26/ B22	Φ60*H117mm
LC-COB01-B4W	4W	AC85-265V 50-60Hz	2700k-3300k/4000k-4500k/5500k-6500k	240lm ± 50lm	E27/E26/ B22	Φ60*H117mm
LC-COB01-B5W	5W	AC85-265V 50-60Hz	2700k-3300k/4000k-4500k/5500k-6500k	300lm ± 50lm	E27/E26/ B22	Φ60*H117mm
LC-COB01-B6W	6W	AC85-265V 50-60Hz	2700k-3300k/4000k-4500k/5500k-6500k	360lm ± 50lm	E27/E26/ B22	Φ60*H117mm
LC-COB01-B7W	7W	AC85-265V 50-60Hz	2700k-3300k/4000k-4500k/5500k-6500k	420lm ± 50lm	E27/E26/ B22	Φ60*H117mm
LC-M01-B5W	5W	AC85-265V 50-60Hz	2700k-3300k/4000k-4500k/5500k-6500k	350lm ± 50lm	E27/E26/ B22	Φ60*H117mm
LC-M01-B7W	7W	AC85-265V 50-60Hz	2700k-3300k/4000k-4500k/5500k-6500k	490lm ± 50lm	E27/E26/ B22	Φ60*H117mm

HP02 COB02 Module02 SERIES/系列



Module LED



COB LED



High Power LED

Item No.	Rated Power	Input Voltage	Color Temperature	Luminous flux	lamp base	Size
产品型号	功率	输入电压	色温	光通量	灯头类型	规格
LC-HP02-B4W	4W	AC85-265V 50-60Hz	2700k-3300k/4000k-4500k/5500k-6500k	260lm ± 50lm	E27/E26/ B22	Φ60*H126mm
LC-HP02-B5W	5W	AC85-265V 50-60Hz	2700k-3300k/4000k-4500k/5500k-6500k	325lm ± 50lm	E27/E26/ B22	Φ60*H126mm
LC-HP02-B6W	6W	AC85-265V 50-60Hz	2700k-3300k/4000k-4500k/5500k-6500k	390lm ± 50lm	E27/E26/ B22	Φ60*H126mm
LC-HP02-B7W	7W	AC85-265V 50-60Hz	2700k-3300k/4000k-4500k/5500k-6500k	455lm ± 50lm	E27/E26/ B22	Φ60*H126mm
LC-COB02-B4W	4W	AC85-265V 50-60Hz	2700k-3300k/4000k-4500k/5500k-6500k	240lm ± 50lm	E27/E26/ B22	Φ60*H126mm
LC-COB02-B5W	5W	AC85-265V 50-60Hz	2700k-3300k/4000k-4500k/5500k-6500k	300lm ± 50lm	E27/E26/ B22	Φ60*H126mm
LC-COB02-B6W	6W	AC85-265V 50-60Hz	2700k-3300k/4000k-4500k/5500k-6500k	360lm ± 50lm	E27/E26/ B22	Φ60*H126mm
LC-COB02-B7W	7W	AC85-265V 50-60Hz	2700k-3300k/4000k-4500k/5500k-6500k	420lm ± 50lm	E27/E26/ B22	Φ60*H126mm
LC-M02-B5W	5W	AC85-265V 50-60Hz	2700k-3300k/4000k-4500k/5500k-6500k	350lm ± 50lm	E27/E26/ B22	Φ60*H126mm
LC-M02-B7W	7W	AC85-265V 50-60Hz	2700k-3300k/4000k-4500k/5500k-6500k	490lm ± 50lm	E27/E26/ B22	Φ60*H126mm



04

LED PANEL LIGHT SERIES | LED平板灯系列

Innovation in material and pattern which can directly replace traditional tubes, ceiling lights, grille lamp etc.

The light design is in accord with the principle of liquid crystal LED back lighting, ideal for illumination.

Apply the high lumen SMD3528 as light source to insure high luminous flux and conformity light output.

Light guide panel made for even and illustrious light.

使用最新材料和时尚设计，能够直接替代传统日光灯、筒灯、和格栅灯等与LED液晶背光的光学设计原则一致，是照明灯具的理想选择

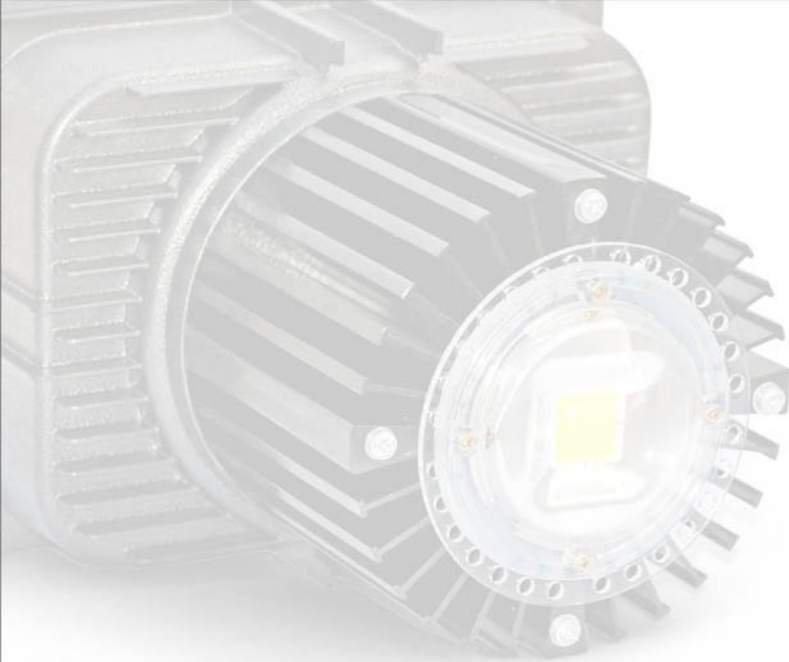
应用高亮度SMD3528 LED光源，能保证高光通量均匀的输出

使用优质高扩散导光板，有利于保证更高质量光线，更柔和，更均匀。

LED PANEL LIGHT SERIES / LED平板灯系列



Item No.	Rated Power	Input Voltage	LED Quantity	Color Temperature	Luminous flux	Illuminance	Cutout	Materials	Power Factor
产品型号	功率	输入电压	LED数量	色温范围	光通量	平均照度	开口孔径	材料	功率因素
LC-S0303 -P18W	18W	AC24V	180 pcs	3000k-3500k	1260lm ± 100lm	1M=900lux	300*300mm	Aluminum&Light Guide Panel	≥0.9
				4000k-4500k		2M=200lux			
				5500k-6500k		3M=110lux			
LC-S0303 -P36W	36W	AC24V	360 pcs	3000k-3500k	2520lm ± 100lm	1M=1700lux	300*300mm	Aluminum&Light Guide Panel	≥0.9
				4000k-4500k		2M=450lux			
				5500k-6500k		3M=270lux			
LC-S0603 -P18W	18W	AC24V	180 pcs	3000k-3500k	1260lm ± 100lm	1M=800lux	600*300mm	Aluminum&Light Guide Panel	≥0.9
				4000k-4500k		2M=180lux			
				5500k-6500k		3M=90lux			
LC-S0603 -P36W	36W	AC24V	360 pcs	3000k-3500k	2520lm ± 100lm	1M=1200lux	600*300mm	Aluminum&Light Guide Panel	≥0.9
				4000k-4500k		2M=330lux			
				5500k-6500k		3M=170lux			
LC-S0606 -P36W	36W	AC24V	360 pcs	3000k-3500k	2520lm ± 100lm	1M=1050lux	600*600mm	Aluminum&Light Guide Panel	≥0.9
				4000k-4500k		2M=320lux			
				5500k-6500k		3M=160lux			
LC-S0606 -P50W	50W	AC24V	500 pcs	3000k-3500k	3500lm ± 100lm	1M=1500lux	600*600mm	Aluminum&Light Guide Panel	≥0.9
				4000k-4500k		2M=480lux			
				5500k-6500k		3M=250lux			
LC-S0606 -P72W	72W	AC24V	720 pcs	3000k-3500k	5040lm ± 100lm	1M=1900lux	600*600mm	Aluminum&Light Guide Panel	≥0.9
				4000k-4500k		2M=600lux			
				5500k-6500k		3M=320lux			
LC-S1203 -P36W	36W	AC24V	360 pcs	3000k-3500k	2520lm ± 100lm	1M=920lux	1200*300mm	Aluminum&Light Guide Panel	≥0.9
				4000k-4500k		2M=250lux			
				5500k-6500k		3M=130lux			
LC-S1203 -P72W	72W	AC24V	720 pcs	3000k-3500k	5040lm ± 100lm	1M=1900lux	1200*300mm	Aluminum&Light Guide Panel	≥0.9
				4000k-4500k		2M=600lux			
				5500k-6500k		3M=320lux			
LC-S1206 -P72W	72W	AC24V	720 pcs	3000k-3500k	5040lm ± 100lm	1M=2300lux	1200*600mm	Aluminum&Light Guide Panel	≥0.9
				4000k-4500k		2M=800lux			
				5500k-6500k		3M=400lux			



LED HIGH BAY SERIES | LED 工矿灯系列

05

LED high bay was designed for factory, coliseum, shops, super market, underground platform, hotel and exhibition hall etc. The key strength of LED high bay is reduced power consumption, comparing with traditional HPS or Mercury high bay lights, Low-Carbon LED high bay lights save 50% - 65% electricity cost and lifespan is 3 - 5 times than lifespan of HPS, metal halide and halogen high bay.

工矿灯适用于厂房，体育馆，商店，超级市场，地下站台，酒店，展馆等场所。它的关键优势在于节能，相比较传统的高压钠灯或者水银工矿灯，诺可LED工矿灯节约50% - 65%电力成本，并且寿命是高压钠灯，金属卤化灯，卤素灯的3到5倍。

LOW-CARBON
诺可·光电

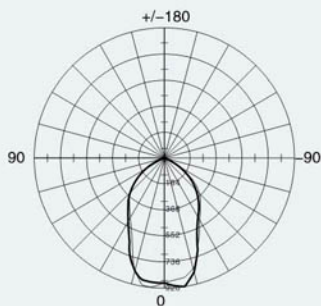


LED HIGH BAY SERIES
LED工矿灯系列

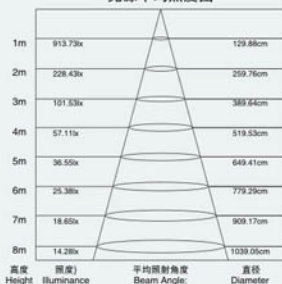
LC-HBL01 small angle series/LC-HBL01小角度系列



Item No.	Rated Power	Input Voltage	Color Temperature	Viewing Angle	Packaging Size	LED light effect	Luminous flux
产品型号	功率	输入电压	色温范围	发光角度	包装规格	LED 光效	光通量
LC-HBL01-30W	36W	AC85-265V 50-60Hz	2700K-3900K	45°	Lamp/灯体:240x240x260mm	60-70lm/W	1950lm ± 100lm
			3900K-6000K		Reflector/反光罩:485x385x485mm	70-80lm/W	2250lm ± 100lm
			6000K-7000K			80-90lm/W	2550lm ± 100lm
LC-HBL01-50W	58W	AC85-265V 50-60Hz	2700K-3900K	45°	Lamp/灯体:240x240x300mm	60-70lm/W	3150lm ± 100lm
			3900K-6000K		Reflector/反光罩:485x385x485mm	70-80lm/W	3550lm ± 100lm
			6000K-7000K			80-90lm/W	4000lm ± 100lm
LC-HBL01-80W	86W	AC85-265V 50-60Hz	2700K-3900K	45°	Lamp/灯体:240x240x350mm	60-70lm/W	4900lm ± 100lm
			3900K-6000K		Reflector/反光罩:485x385x485mm	70-80lm/W	5650lm ± 100lm
			6000K-7000K			80-90lm/W	6000lm ± 100lm
LC-HBL01-100W	106W	AC85-265V 50-60Hz	2700K-3900K	45°	Lamp/灯体:240x240x350mm	60-70lm/W	6000lm ± 100lm
			3900K-6000K		Reflector/反光罩:485x385x485mm	70-80lm/W	6900lm ± 100lm
			6000K-7000K			80-90lm/W	7800lm ± 100lm
LC-HBL01-120W	120W	AC85-265V 50-60Hz	2700K-3900K	45°	Lamp/灯体:250x250x350mm	60-70lm/W	7800lm ± 100lm
			3900K-6000K		Reflector/反光罩:485x385x485mm	70-80lm/W	9050lm ± 100lm
			6000K-7000K			80-90lm/W	10200lm ± 100lm
LC-HBL01-150W	150W	AC85-265V 50-60Hz	2700K-3900K	45°	Lamp/灯体:276x222x530mm	60-70lm/W	9800lm ± 100lm
			3900K-6000K		Reflector/反光罩:485x385x485mm	70-80lm/W	11250lm ± 100lm
			6000K-7000K			80-90lm/W	12750lm ± 100lm



LED High Bay Light average illuminance
光源平均照度图



LC-HBL02 large angle series/LC-HBL02大角度系列



Item No.	Rated Power	Input Voltage	Color Temperature	Viewing Angle	Packaging Size	LED light effect	Luminous flux
产品型号	功率	输入电压	色温范围	发光角度	包装规格	LED光效	光通量
LC-HBL02-30W	36W	AC85-265V 50-60Hz	2700k-3900k 3900k-6000k 6000k-7000k	120°	Lamp/灯体:240x240x300mm Reflector/反光罩:485x385x485mm	60-70lm/W 70-80lm/W 80-90lm/W	1950lm ± 100lm 2250lm ± 100lm 2550lm ± 100lm
LC-HBL02-50W	58W	AC85-265V 50-60Hz	2700k-3900k 3900k-6000k 6000k-7000k	120°	Lamp/灯体:240x240x300mm Reflector/反光罩:555x285x555mm	60-70lm/W 70-80lm/W 80-90lm/W	3150lm ± 100lm 3550lm ± 100lm 4000lm ± 100lm
LC-HBL02-80W	86W	AC85-265V 50-60Hz	2700k-3900k 3900k-6000k 6000k-7000k	120°	Lamp/灯体:240x240x300mm Reflector/反光罩:555x285x555mm	60-70lm/W 70-80lm/W 80-90lm/W	4900lm ± 100lm 5650lm ± 100lm 6000lm ± 100lm
LC-HBL02-100W	106W	AC85-265V 50-60Hz	2700k-3900k 3900k-6000k 6000k-7000k	120°	Lamp/灯体:240x240x350mm Reflector/反光罩:555x285x555mm	60-70lm/W 70-80lm/W 80-90lm/W	6000lm ± 100lm 6900lm ± 100lm 7800lm ± 100lm
LC-HBL02-120W	120W	AC85-265V 50-60Hz	2700k-3900k 3900k-6000k 6000k-7000k	120°	Lamp/灯体:250x250x350mm Reflector/反光罩:555x555x300mm	60-70lm/W 70-80lm/W 80-90lm/W	7800lm ± 100lm 9000lm ± 100lm 10200lm ± 100lm
LC-HBL02-150W	150W	AC85-265V 50-60Hz	2700k-3900k 3900k-6000k 6000k-7000k	120°	Lamp/灯体:276x222x530mm Reflector/反光罩:555x555x300mm	60-70lm/W 70-80lm/W 80-90lm/W	9800lm ± 100lm 11250lm ± 100lm 12750lm ± 100lm

