

LED 照明产品 <室内篇>

Indoor LED Lighting Catalogue

Version number:SCN1502



Light from the heart

从心亮起的光明



广东中照光电科技有限公司（CNL中照光电）始创于2009年，注册资金人民币壹仟万元，厂房面积10万平方米，是一家致力于绿色照明领域的高新技术型企业。

CNL广东中照光电公司集研发、制造、销售、服务于一体，致力于为全球用户提供高品质的照明产品及方案。获得六十多项产品专利其中有九项发明专利。多次参与中国照明电器行业国家标准起草。拥有装备先进的照明技术试验中心，获得欧盟ENEC和美国UL等国际实验机构的实验能力认可。拥有国际一流的生产设备，全面运行SPC过程控制系统,实现过程质量信息在线实时监控。

CNL广东中照光电在国内有完善的销售和售后服务网络体系，在城市节能改造、城市亮化、道路交通照明、商业照明、景观照明、家居照明、体育场馆照明、工矿照明等照明工程领域，为客户提供整体照明解决方案及高品质的照明产品，并获得用户高度评价和优秀工程案例荣誉。

CNL广东中照光电秉承以服务顾客为宗旨，为用户提供节能、环保、安全、和谐的照明产品。





Founded in 2009, Guangdong CNL Optoelectronics Technology Co., Ltd. (CNL) with a registered capital of one thousand million RMB and manufacturing space over 100,000 square meters, is a high-tech enterprise which committed to the field of green lighting.

CNL is a professional lighting company integrating R&D, manufacturing, sale and service. We dedicated to provide high-quality lighting products and solutions for global users. CNL achieved more than 60 patented technologies in Including 9 invention patents, and participated standard drafting in the national drafting committee of China's illumination standard. Test center equipped with state-of-the-art lighting technology has authorized by EU ENEC and UL and other international experimental institutions. SPC process control system was introduced in our world-class production equipment to achieve real-time monitoring in the product processing quality information online.

CNL has a perfect sales and after-sales service network system in China, providing customers with the total lighting solutions and high-quality lighting products in the field of urban energy saving project, city lighting project, road traffic lighting project, commercial lighting project, landscape lighting, home lighting, stadium lighting, industrial lighting and other engineering lighting projects, and that has obtained the outstanding projects honor and high appraisal of the customers..

CNL will always abide by the principal of customer first by providing them energy-saving, environmental friendly, safety and harmonious lighting products.



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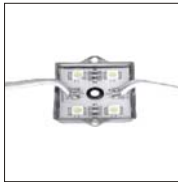
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Hotel & Residential Lighting Series

酒店及家居照明系列



LED球泡灯系列

LED Lamp



产品特点/Characteristic

- 光束与白炽灯一样柔和，暖白光和冷白光可选。
- 内置隔离恒流驱动电源，安全节能，性能稳定，同时提升整灯光效。
- 低热感、散热效果好，延长整灯寿命。
- 现代工业设计科技并时尚，无紫外无辐射。
- 直接替换传统白炽灯和荧光节能灯，节能82%以上，是传统白炽灯30倍。
- Color rendering is close to incandescent lamp with excellent light effect, optional for warm white and cold white.
- Adopted isolated constant current power supply inside to make sure safety, energy-saving, stable performance and high luminous efficiency.
- New heat sink material, excellent design enhances service life.
- Modern industrialized fashion design, free from UV radiation.
- Perfect replacement for incandescent and fluorescent lamps, saving more than 82% power, 30 times energy-saving than the incandescent lamps.

适用环境/Applications

- 适用于酒店、餐饮、家居、商场等。
- Hotel, restaurant, household, shopping mall etc.

LAQ8



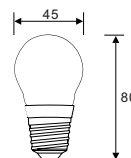
HQLAQ8/2/221/E27 2W

产品特点:

材质: 阻燃PC+乳白PC面罩
颜色: 乳白色
输入电压: AC 220-240V
灯头: E27
设计使用寿命: 50000h

CHARACTERISTIC:

Material: Flame retardant PC-coated body+ depolished PC cover
Color: silvery white body + milk white cover
Supply Voltage: AC 220-240V
Base: E27
Service life: 50000h



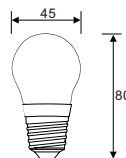
HQLAQ8/3/221/E27 3W

产品特点:

材质: 阻燃PC+乳白PC面罩
颜色: 乳白色
输入电压: AC 220-240V
灯头: E27
设计使用寿命: 50000h

CHARACTERISTIC:

Material: Flame retardant PC-coated body+ depolished PC cover
Color: silvery white body + milk white cover
Supply Voltage: AC 220-240V
Base: E27
Service life: 50000h



LED球泡灯系列/LED Lamp

LAQ9 LAQ10 LAQ11



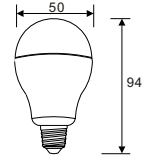
HQLAQ9/5/221/E27 5W

产品特点:

材质: 阻燃PC+压铸铝+乳白PC面罩
颜色: 乳白色
输入电压: AC 220-240V
灯头: E27
设计使用寿命: 50000h

CHARACTERISTIC:

Material: Flame retardant PC-coated body+
depolished PC cover
Color: silvery whitebody + milkwhite cover
Supply Voltage:AC 220-240V
Base:E27
Service life:50000h



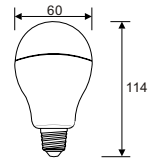
HQLAQ10/7/122/E27 7W

产品特点:

材质: 阻燃PC+压铸铝+乳白PC面罩
颜色: 乳白色
输入电压: AC 100-240V
灯头: E27
设计使用寿命: 50000h

CHARACTERISTIC:

Material: Flame retardantPC -coated body+
depolished PC cover
Color: silvery whitebody + milkwhite cover
Supply Voltage:AC 100-240V
Base:E27
Service life:50000h



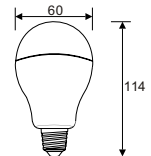
HQLAQ10/9/122/E27 9W

产品特点:

材质: 阻燃PC+压铸铝+乳白PC面罩
颜色: 乳白色
输入电压: AC 100-240V
灯头: E27
设计使用寿命: 50000h

CHARACTERISTIC:

Material: Flake aluminiumbody+
depolished PC cover
Color: Milk white cover
Supply Voltage:AC 100-240V
Base:E27
Service life:50000h



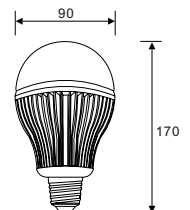
HQLAQ11/18/122/E27 18W

产品特点:

材质: 片状铝杯体+乳白PC面罩
颜色: 银白色杯体+乳白面罩
输入电压: AC 100-240V
灯头: E27
设计使用寿命: 50000h

CHARACTERISTIC:

Material: Flake aluminium body+
depolished PC cover
Color: silvery whitebody + milkwhite cover
Supply Voltage:AC 100-240V
Base:E27
Service life:50000h

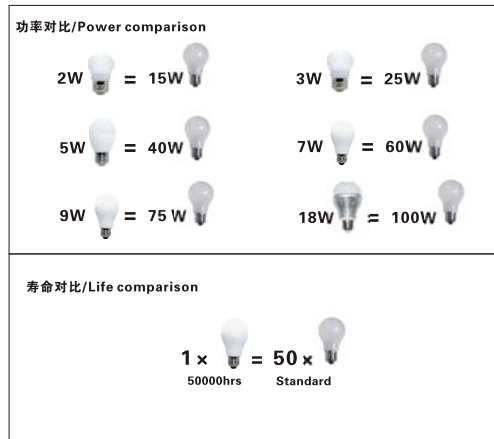


LED球泡灯系列/LED Lamp

节能计算/Energy conservation

- 2W LED灯泡取代15W普通白炽灯泡,每只灯能节省13W功率。
- 3W LED灯泡取代25W普通白炽灯泡,每只灯能节省22W功率。
- 5W LED灯泡取代40W普通白炽灯泡,每只灯能节省35W功率。
- 7W LED灯泡取代60W普通白炽灯泡,每只灯能节省53W功率。
- 9W LED灯泡取代75W普通白炽灯泡,每只灯能节省66W功率。
- 18W LED灯泡取代100W普通白炽灯泡,每只灯能节省82W功率。
- 每天工作24小时, 每年工作365天, 每年工作8760小时。
- 2W LED灯泡每年可以节约113度电;3W LED灯泡每年可以节约193度电;
5W LED灯泡每年可以节约306度电;7W LED灯泡每年可以节约464度电;
9W LED灯泡每年可以节约578度电;18W LED灯泡每年可以节约718度电。
- 可以减少替换次数50次。

- 2W LED lamp replaces 15W lamp, each saves 13W energy.
- 3W LED lamp replaces 25W lamp, each saves 22W energy.
- 5W LED lamp replaces 40W lamp, each saves 35W energy.
- 7W LED lamp replaces 60W lamp, each saves 53W energy.
- 9W LED lamp replaces 75W lamp, each saves 66W energy.
- 18W LED lamp replaces 100W lamp, each saves 82W energy.
- Work 24 hours every day, 365 days every year and 8760 hours every year.
- 2W LED lamp Saves 113kWh electricity every year.
- 3W LED lamp Saves 193kWh electricity every year.
- 5W LED lamp Saves 306kWh electricity every year.
- 7W LED lamp Saves 464kWh electricity every year.
- 9W LED lamp Saves 578kWh electricity every year.
- 18W LED lamp Saves 718kWh electricity every year.
- Reduces 50 times for replacement



订货指南/Order Guide

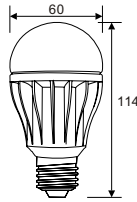
ERP 产品ERP编码 Product Code	V 输入电压 Supply Voltage	W 功率 Power	替代白炽灯 功率(W) Replace Watts	W 线路功率 Circuit Power	PF 功率因素 Power Factor	Ra 显色指数 CRI	LM 光通量 Flux	K 色温 CCT	直径 D mm	h 设计寿命 Life	灯头 base
HQLAQ8/2/221/E27 2W											
2611773001	AC220-240	1.6	15	2	—	80	120	3000	47	50000	E27
2611773002	AC220-240	1.6	15	2	—	75	130	4200	47	50000	E27
2611773003	AC220-240	1.6	15	2	—	75	145	6400	47	50000	E27
HQLAQ8/3/221/E27 3W											
2611738043	AC220-240	2.5	25	3	—	80	155	3000	47	50000	E27
2611738044	AC220-240	2.5	25	3	—	75	165	4200	47	50000	E27
2611738045	AC220-240	2.5	25	3	—	75	180	6400	47	50000	E27
HQLAQ9/5/221/E27 5W											
2611739033	AC220-240	4.2	40	5	—	80	325	3000	60	50000	E27
2611739032	AC220-240	4.2	40	5	—	75	350	4000	60	50000	E27
2611739031	AC220-240	4.2	40	5	—	75	375	6500	60	50000	E27
HQLAQ10/7/122/E27 7W											
2611774020	AC100-240	6	60	7	0.7	80	480	3000	60	50000	E27
2611774021	AC100-240	6	60	7	0.7	75	500	4000	60	50000	E27
2611774019	AC100-240	6	60	7	0.7	75	530	6500	60	50000	E27
HQLAQ10/9/122/E27 9W											
2611740002	AC100-240	8.5	75	9.6	0.7	80	700	3000	70	50000	E27
2611740003	AC100-240	8.5	75	9.6	0.7	75	730	4000	70	50000	E27
2611740001	AC100-240	8.5	75	9.6	0.7	75	760	6500	70	50000	E27
HQLAQ11/18/122/E27 18W											
2611743005	AC100-240	16	100	18	0.9	80	1280	3000	90	50000	E27
2611743006	AC100-240	16	100	18	0.9	75	1350	4000	90	50000	E27
2611743004	AC100-240	16	100	18	0.9	75	1450	6500	90	50000	E27

LED球泡灯系列/LED Lamp

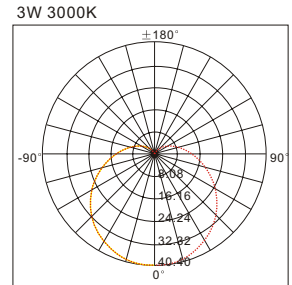
LAQ3



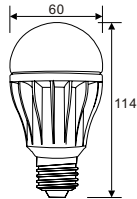
HQLAQ3/3/122/E27 3W



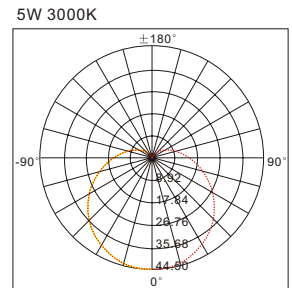
产品特点:
 材质: 压铸铝杯体+乳白PC面罩
 颜色: 灰色杯体+乳白面罩
 输入电压: AC 100-240V
 灯头: E27
 设计使用寿命: 50000h
 CHARACTERISTIC:
 Material: die-cast alumium body+
 polished PC cover
 Color: silvery white body + milk white cover
 Supply Voltage: AC 100-240V
 Base: E27
 Service life: 50000h



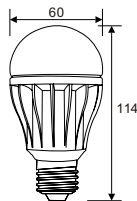
HQLAQ3/5/122/E27 5W



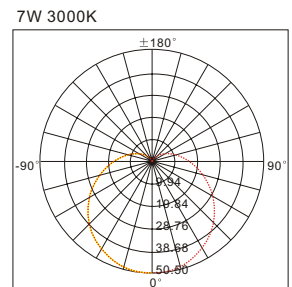
产品特点:
 材质: 压铸铝杯体+乳白PC面罩
 颜色: 灰色杯体+乳白面罩
 输入电压: AC 100-240V
 灯头: E27
 设计使用寿命: 50000h
 CHARACTERISTIC:
 Material: die-cast alumium body+
 polished PC cover
 Color: silvery white body + milk white cover
 Supply Voltage: AC 100-240V
 Base: E27
 Service life: 50000h



HQLAQ3/7/122/E27 7W



产品特点:
 材质: 压铸铝杯体+乳白PC面罩
 颜色: 灰色杯体+乳白面罩
 输入电压: AC 100-240V
 灯头: E27
 设计使用寿命: 50000h
 认证: CQC认证
 CHARACTERISTIC:
 Material: die-cast alumium body+
 polished PC cover
 Color: silvery white body + milk white cover
 Supply Voltage: AC 100-240V
 Base: E27
 Service life: 50000h
 Certification: CQC

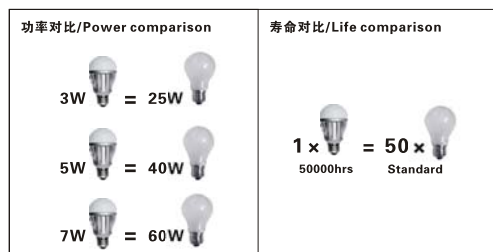


LED球泡灯系列/LED Lamp

节能计算/Energy conservation

- 3W LED灯泡取代25W普通白炽灯泡,每只灯能节省22W功率。
- 5W LED灯泡取代40W普通白炽灯泡,每只灯能节省35W功率。
- 7W LED灯泡取代60W普通白炽灯泡,每只灯能节省53W功率。
- 每天工作24小时, 每年工作365天, 每年工作8760小时。
- 每年可以节约193度电(3W),306度电(5W),464度电(7W)。
- 可以减少替换次数50次。

- 3W LED lamp replaces 25W lamp, each saves 22W energy.
- 5W LED lamp replaces 40W lamp, each saves 35W energy.
- 7W LED lamp replaces 60W lamp, each saves 53W energy.
- Work 24 hours every day, 365 days every year and 8760 hours every year.
- 3W LED lamp Saves 193kWh electricity every year.
- 5W LED lamp Saves 306kWh electricity every year.
- 7W LED lamp Saves 464kWh electricity every year.
- Reduces 50 times for replacement



订货指南/Order Guide

ERP	V	W	替代白炽灯功率(W) Replace Watts	W	PF	Ra	LM	K	直径 D mm	h	灯头 base
产品ERP编码 Product Code	输入电压 Supply Voltage	功率 Power		线路功率 Circuit Power	功率因素 Power Factor	显色指数 CRI	光通量 Flux	色温 CCT		设计寿命 Life	
HQLAQ3/3/122/E27 晶元 3W 不可调光											
2611738013	AC100-240	3	25	3.7	≥0.50	80	220	3000	60	50000	E27
2611738018	AC100-240	3	25	3.7	≥0.50	75	240	4000	60	50000	E27
2611738014	AC100-240	3	25	3.7	≥0.50	75	255	6500	60	50000	E27
HQLAQ3/3/122/E27 CREE 3W 不可调光											
2611738003	AC100-240	3.5	25	4.5	≥0.50	80	204	3000	60	50000	E27
2611738028	AC100-240	3.5	25	4.5	≥0.50	75	220	4000	60	50000	E27
2611738004	AC100-240	3.5	25	4.5	≥0.50	75	260	6500	60	50000	E27
HQLAQ3/5/122/E27 晶元 5W 不可调光											
2611739011	AC100-240	4.6	40	5.5	≥0.70	80	365	3000	60	50000	E27
2611739013	AC100-240	4.6	40	5.5	≥0.70	75	380	4000	60	50000	E27
2611739014	AC100-240	4.6	40	5.5	≥0.70	75	396	6500	60	50000	E27
HQLAQ3/5/122/E27 CREE 5W 不可调光											
2611739002	AC100-240	4.8	40	5.8	≥0.70	80	295	3000	60	50000	E27
2611739019	AC100-240	4.8	40	5.8	≥0.70	75	320	4000	60	50000	E27
2611739003	AC100-240	4.8	40	5.8	≥0.70	75	345	6500	60	50000	E27
HQLAQ3/7/122/E27 晶元 7W 不可调光											
2611774001	AC100-240	6.5	60	7.6	≥0.70	80	470	3000	60	50000	E27
2611774005	AC100-240	6.5	60	7.6	≥0.70	75	485	4000	60	50000	E27
2611774006	AC100-240	6.5	60	7.6	≥0.70	75	510	6500	60	50000	E27
HQLAQ3/3T/221/E27 晶元 3W 可调光											
2611738029	AC220-240	3	25	3.7	≥0.60	80	220	3000	60	50000	E27
2611738030	AC220-240	3	25	3.7	≥0.60	75	240	4000	60	50000	E27
2611738031	AC220-240	3	25	3.7	≥0.60	75	255	6500	60	50000	E27
HQLAQ3/3T/221/E27 CREE 3W 可调光											
2611738032	AC220-240	3.5	25	4.5	≥0.60	80	204	3000	60	50000	E27
2611738033	AC220-240	3.5	25	4.5	≥0.60	75	220	4000	60	50000	E27
2611738034	AC220-240	3.5	25	4.5	≥0.60	75	260	6500	60	50000	E27
HQLAQ3/5T/221/E27 晶元 5W 可调光											
2611739023	AC220-240	4.6	40	5.5	≥0.70	80	365	3000	60	50000	E27
2611739024	AC220-240	4.6	40	5.5	≥0.70	75	380	4000	60	50000	E27
2611739025	AC220-240	4.6	40	5.5	≥0.70	75	396	6500	60	50000	E27
HQLAQ3/5T/221/E27 CREE 5W 可调光											
2611739020	AC220-240	4.8	40	5.8	≥0.70	80	295	3000	60	50000	E27
2611739021	AC220-240	4.8	40	5.8	≥0.70	75	320	4000	60	50000	E27
2611739022	AC220-240	4.8	40	5.8	≥0.70	75	345	6500	60	50000	E27
HQLAQ3/7T/221/E27 晶元 7W 可调光											
2611774009	AC220-240	6.5	60	7.6	≥0.70	80	470	3000	60	50000	E27
2611774010	AC220-240	6.5	60	7.6	≥0.70	75	485	4000	60	50000	E27
2611774011	AC220-240	6.5	60	7.6	≥0.70	75	510	6500	60	50000	E27

LED蜡烛泡系列

LED Lamp



产品特点/Characteristic

- 光束与白炽灯一样柔和，暖白光和冷白光可选。
- 内置隔离恒流驱动电源，安全节能，性能稳定，同时提升整灯光效。
- 低热感、散热效果好，延长整灯寿命。
- 现代工业设计科技并时尚，无紫外无辐射。
- 直接替换传统白炽灯和荧光节能灯，节能82%以上，是传统白炽灯30倍。
- Color rendering is close to incandescent lamp with excellent light effect, optional for warm white and cold white.
- Adopted isolated constant current power supply inside to make sure safety, energy-saving, stable performance and high luminous efficiency
- New heat sink material, excellent design enhances service life.
- Modern industrialized fashion design, free from UV radiation.
- Perfect replacement for incandescent and fluorescent lamps, saving more than 82% power, 30 times energy-saving than the incandescent lamps.

适用环境/Applications

- 适用于酒店、餐饮、家居、商场等。
- Hotel, restaurant, household, shopping mall etc.

LAQ5 LAQ6



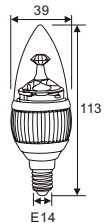
HQLAQ5/3/122/E14 3W

产品特点:

材质: 氧化亮银铝灯杯+透明PC面罩
颜色: 银色杯体
输入电压: AC 100-240V
灯头: E14
设计使用寿命: 30000h

CHARACTERISTIC:

Material: silver alumina-coated body + depolished PC cover
Color: silvery white body + milk white cover
Supply Voltage: AC 100-240V
Base: E14
Service life: 30000h



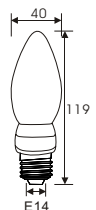
HQLAQ6/4T/221/E14 4W

产品特点:

材质: 压铸铝杯体+乳白PC面罩
颜色: 灰色杯体+乳白面罩
输入电压: AC 220-240V
灯头: E14
设计使用寿命: 30000h

CHARACTERISTIC:

Material: silver alumina-coated body + milk white PC cover
Color: silvery white body + milk white cover
Supply Voltage: AC 220-240V
Base: E14
Service life: 30000h



可调光
Dimmable

LED蜡烛泡系列/LED Lamp

LAQ7



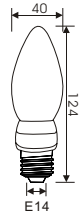
HQLAQ7/6T/221/E14 6W

产品特点:

材质: 压铸铝杯体+乳白PC面罩
颜色: 灰色杯体+乳白面罩
输入电压: AC 220-240V
灯头: E14
设计使用寿命: 30000h

CHARACTERISTIC:

Material: silver alumina-coated body + milk white PC cover
Color: silvery white body + milk white cover
Supply Voltage: AC 220-240V
Base: E14
Service life: 30000h



节能计算/Energy conservation

- 3W LED烛泡取代25W白炽蜡烛灯,每只灯能节省22W功率。
- 4W LED烛泡取代40W白炽蜡烛灯,每只灯能节省36W功率。
- 6W LED烛泡取代60W白炽蜡烛灯,每只灯能节省54W功率。
- 每天工作24小时, 每年工作365天, 每年工作8760小时。
- 每年可以节约193度电(3W),315度电(4W),473度电(6W)。
- 可以减少替换次数25次。
- 3W LED lamp replaces 25W lamp, each saves 22W power.
- 4W LED lamp replaces 40W lamp, each saves 36W power.
- 6W LED lamp replaces 60W lamp, each saves 54W power.
- Work 24 hours every day, 365 days every year and 8760 hours every year.
- Saves 193/315/473 kWh electricity every year.
- Reduces 25 times for replacement

功率对比/Power comparison



寿命对比/Life comparison



订货指南/Order Guide

ERP 产品ERP编码 Product Code	V 输入电压 Supply Voltage	W 功率 Power	替代白炽灯 功率(W) Replace Watts	W 线路功率 Circuit Power	PF 功率因素 Power Factor	Ra 显色指数 CRI	LM 光通量 Flux	K 色温 CCT	直径 D mm	h 设计寿命 Life	灯头 base
HQLAQ5/3/122/E14 晶元 3W											
2611738020	AC100-240	3	25	4.5	≥0.50	80	186	3000	39	30000	E14
2611738035	AC100-240	3	25	4.5	≥0.50	75	200	4000	39	30000	E14
2611738036	AC100-240	3	25	4.5	≥0.50	75	215	6500	39	30000	E14
HQLAQ6/4T/221/E14 晶元 4W 可调光											
2611780007	AC220-240	4	40	5	≥0.50	80	260	3000	40	30000	E14
2611780008	AC220-240	4	40	5	≥0.50	75	290	4000	40	30000	E14
2611780009	AC220-240	4	40	5	≥0.50	75	320	6500	40	30000	E14
HQLAQ7/6T/221/E14 晶元 6W 可调光											
2611754002	AC220-240	6	60	7.5	≥0.50	80	430	3000	40	30000	E14
2611754003	AC220-240	6	60	7.5	≥0.50	75	470	4000	40	30000	E14
2611754004	AC220-240	6	60	7.5	≥0.50	75	500	6500	40	30000	E14

LED MR16 灯杯系列

LED MR16 Lamp

产品特点/Characteristic

- 光束与卤素灯杯一样柔和，暖白光和冷白光可选。
- 内置恒流驱动电源，安全节能，性能稳定，同时提升整灯光效。
- 现代工业设计科技并时尚，无紫外无辐射。
- 低热感、散热效果好，延长整灯寿命。
- Color rendering is close to halogen lamp with excellent light effect, optional for warm white and cold white.
- Adopted isolated constant current power supply inside to make sure safety, energy-saving, stable performance and high Luminous Efficiency
- New heat sink material, excellent design enhances service life.
- Modern industrialized fashion design, free from UV radiation.



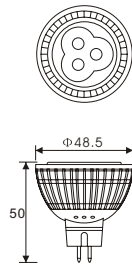
适用环境/Applications

- 适用于酒店、餐饮、家居、商场等。
- Hotel, restaurant, household, shopping mall etc.

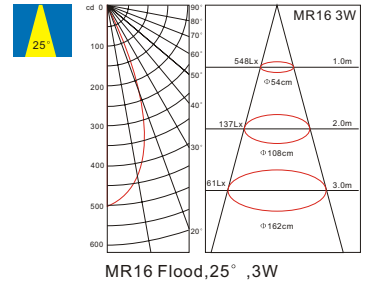
LAM61 LAM62



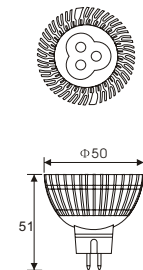
HQLAM61/3/12/GU5.3 3W



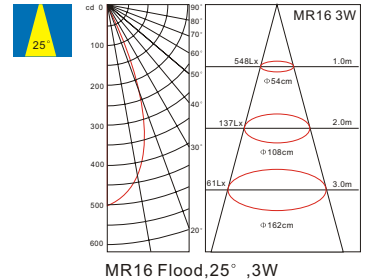
产品特点:
 材质: 表面氧化铝杯体
 颜色: 金黄杯体
 输入电压: AC12
 灯头: GU5.3
 设计使用寿命: 50000h
 CHARACTERISTIC:
 Material: Alumina body
 Color: Golden white body
 Supply Voltage: AC12
 Base: GU5.3
 Service life: 50000h



HQLAM62/3/12/GU5.3 3W



产品特点:
 材质: 表面氧化铝杯体
 颜色: 银白色杯体
 输入电压: AC12
 灯头: GU5.3
 设计使用寿命: 50000h
 CHARACTERISTIC:
 Material: Alumina body
 Color: silvery white body
 Supply Voltage: AC12
 Base: GU5.3
 Service life: 50000h

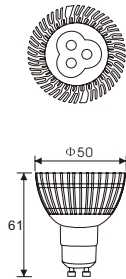


LED MR16灯杯系列/LED MR16 Lamp

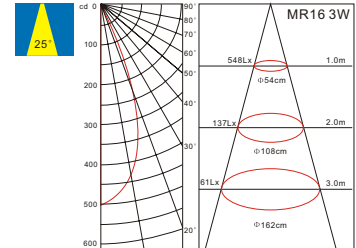
LAM62 LAM63 LAM64



HQLAM62/3/122/GU10 3W



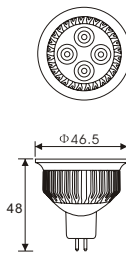
产品特点:
 材质: 表面氧化铝杯体
 颜色: 银白色杯体
 输入电压: AC 100-240V
 灯头: GU10
 设计使用寿命: 50000h
 CHARACTERISTIC:
 Material: Alumina body
 Color: silvery white body
 Supply Voltage: AC 100-240V
 Base: GU10
 Service life: 50000h



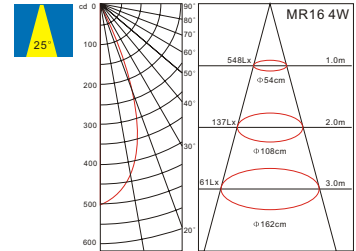
MR16 Flood, 25°, 3W



HQLAM63/4/12/GU5.3 4W



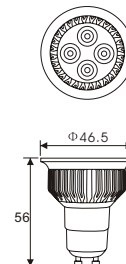
产品特点:
 材质: 表面氧化铝杯体
 颜色: 银白色杯体
 输入电压: AC12/DC12
 灯头: GU5.3
 设计使用寿命: 50000h
 CHARACTERISTIC:
 Material: Alumina body
 Color: silvery white body
 Supply Voltage: AC12/DC12
 Base: GU5.3
 Service life: 50000h



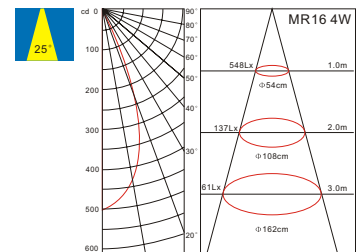
MR16 Flood, 25°, 4W



HQLAM63/4/122/GU10 4W



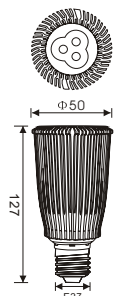
产品特点:
 材质: 表面氧化铝杯体
 颜色: 银白色杯体
 输入电压: AC 100-240V
 灯头: GU10
 设计使用寿命: 50000h
 CHARACTERISTIC:
 Material: Alumina body
 Color: silvery white body
 Supply Voltage: AC 100-240V
 Base: GU5.3
 Service life: 50000h



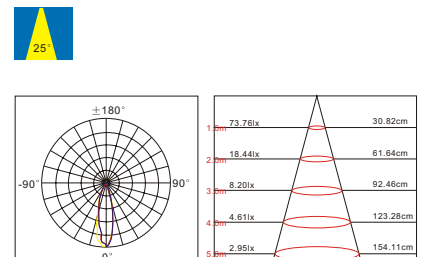
MR16 Flood, 25°, 4W



HQLAM64/9/122/E27 9W



产品特点:
 材质: 表面氧化铝杯体
 颜色: 银白色杯体
 输入电压: AC 100-240V
 灯头: E27
 设计使用寿命: 50000h
 CHARACTERISTIC:
 Material: Alumina body
 Color: silvery white body
 Supply Voltage: AC 100-240V
 Base: E27
 Service life: 50000h



LED MR16灯杯系列/LED MR16 Lamp

节能计算/Energy conservation

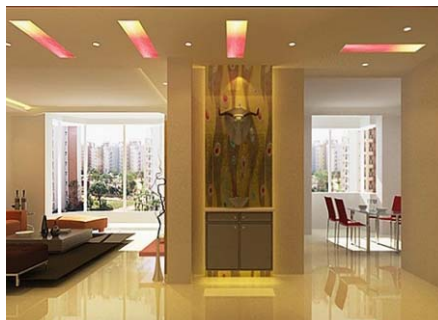
- 3W LED MR16灯杯取代20W卤素灯杯，每只灯能节省17W功率。
- 4W LED MR16灯杯取代35W卤素灯杯，每只灯能节省31W功率。
- 9W LED MR16灯杯取代75W卤素灯杯，每只灯能节省66W功率。
- 每天工作24小时，每年工作365天，每年工作8760小时。
- 每年可以节约149度电(3W), 271度电(4W), 578度电(9W)。
- 可以减少替换次数25次。

- 3W LED MR16lamp replaces 20W halogen lamp, each saves 17W power.
- 4W LED MR16lamp replaces 35W halogen lamp, each saves 31W power.
- 9W LED MR16lamp replaces 75W halogen lamp, each saves 66W power.
- Work 24 hours every day, 365 days every year and 8760 hours every year.
- 3W LED MR16lamp Saves 149 kWh electricity every year.
- 4W LED MR16lamp Saves 271 kWh electricity every year.
- 9W LED MR16lamp Saves 578 kWh electricity every year.
- Reduces 25 times for replacement

功率对比/Power comparison	寿命对比/Life comparison
 =   =   = 	 = 25 x  50000hrs Standard  = 25 x  50000hrs Standard  = 25 x  50000hrs Standard

订货指南/Order Guide

ERP	V	W	替代卤素灯功率(W)	W	PF	Ra	LM	K	发光角度	直径	设计寿命	灯头
产品ERP编码 Product Code	输入电压 Supply Voltage	功率 Power	Replace Watts	线路功率 Circuit Power	功率因素 Power Factor	显色指数 CRI	光通量 Flux	色温 CCT	Beam Angle	直径 D mm	Life	base
HQLAM61/3/12/GU5.3 晶元 3W												
2611738007	AC12	3	20	3.6	≥0.70	80	190	3000	25	48.5	50000	GU5.3
2611738038	AC12	3	20	3.6	≥0.70	75	230	4000	25	48.5	50000	GU5.3
2611738016	AC12	3	20	3.6	≥0.70	75	250	6500	25	48.5	50000	GU5.3
HQLAM62/3/12/GU5.3 晶元 3W												
2611738008	AC12	3	20	3.6	≥0.70	80	190	3000	25	50	50000	GU5.3
2611738026	AC12	3	20	3.6	≥0.70	75	230	4000	25	50	50000	GU5.3
2611738009	AC12	3	20	3.6	≥0.70	75	250	6500	25	50	50000	GU5.3
HQLAM62/3/122/GU10 晶元 3W												
2611738015	AC100-240	3	20	3.6	≥0.50	80	190	3000	25	50	50000	GU10
2611738021	AC100-240	3	20	3.6	≥0.50	75	230	4000	25	50	50000	GU10
2611738037	AC100-240	3	20	3.6	≥0.50	75	250	6500	25	50	50000	GU10
HQLAM63/4/12/GU5.3 晶元 4W												
2611780001	AC12/DC12	4	35	4.5	≥0.70	80	260	3000	25	46.5	50000	GU5.3
2611780002	AC12/DC12	4	35	4.5	≥0.70	75	290	4000	25	46.5	50000	GU5.3
2611780003	AC12/DC12	4	35	4.5	≥0.70	75	320	6500	25	46.5	50000	GU5.3
HQLAM63/4/122/GU10 晶元 4W												
2611780004	AC100-240	4	35	4.5	≥0.50	80	260	3000	25	46.5	50000	GU10
2611780005	AC100-240	4	35	4.5	≥0.50	75	290	4000	25	46.5	50000	GU10
2611780006	AC100-240	4	35	4.5	≥0.50	75	320	6500	25	46.5	50000	GU10
HQLAM64/9/122/E27 9W												
---	AC100-240	9	75	11	≥0.90	80	550	3000	25	50	50000	E27
---	AC100-240	9	75	11	≥0.90	75	583	4000	25	50	50000	E27
---	AC100-240	9	75	11	≥0.90	75	660	6500	25	50	50000	E27



LED PAR灯/AR灯杯系列

LED PAR/ AR Lamp



产品特点/Characteristic

- 光束与卤素灯杯一样柔和，暖白光和冷白光可选。
- 内置隔离恒流驱动电源，安全节能，性能稳定，同时提升整灯光效。
- 内置磁浮式电子风扇，低热感、散热效果好，延长整灯寿命。
- Color rendering is close to halogen lamp with excellent light effect, optional for warm white and cold white.
- Adopted isolated constant current power supply inside to make sure safety, energy-saving, stable performance and high Luminous Efficiency
- New heat sink material, Adopted magnetic electronic fan inside with excellent design enhances service life.
- Modern industrialized fashion design, free from UV radiation.

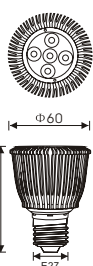
适用环境/Applications

- 适用于酒店、商业场所、博物馆等。
- Hotel, commercial office and museum etc.

LAP21 LAP22



HQLAP21/5/122/E27 5W



产品特点:

材质: 表面氧化铝杯体
颜色: 银白色杯体

输入电压: AC 100-240V

灯头: E27

设计使用寿命: 50000h

CHARACTERISTIC:

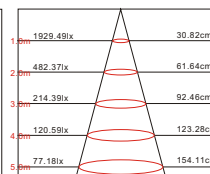
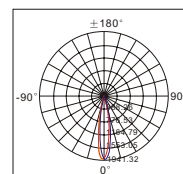
Material: Alumina body

Color: silvery white body

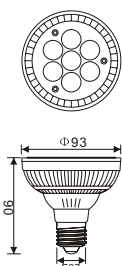
Supply Voltage: AC 100-240V

Base: E27

Service life: 50000h



HQLAP31/7/122/E27 7W



产品特点:

材质: 表面氧化铝杯体
颜色: 金黄杯体

输入电压: AC 100-240V

灯头: E27

设计使用寿命: 50000h

CHARACTERISTIC:

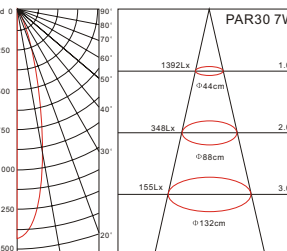
Material: Alumina body

Color: Golden white body

Supply Voltage: AC 100-240V

Base: E27

Service life: 50000h



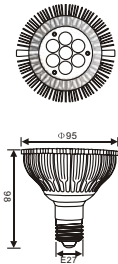
PAR30 Flood, 25°, 7W

LED PAR灯系列/LED PAR Lamp

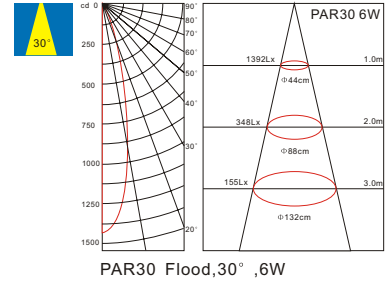
LAP31 LAP32 LAP33



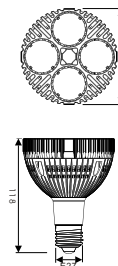
HQLAP32/7/122/E27 7W



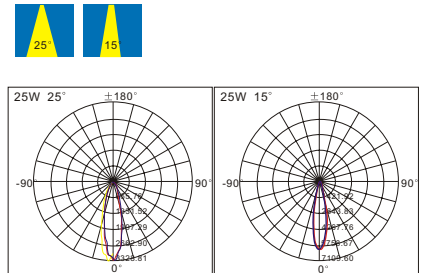
产品特点:
 材质: 表面氧化铝杯体
 颜色: 银白色杯体
 输入电压: AC 100-240V
 灯头: E27
 设计使用寿命: 50000h
 CHARACTERISTIC:
 Material: Alumina body
 Color: silvery whitebody
 Supply Voltage: AC 100-240V
 Base: E27
 Service life: 50000h



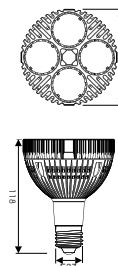
HQLAP33/25/221/E27 25W



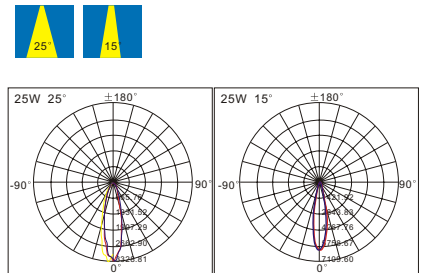
产品特点:
 材质: 压铸铝杯体
 颜色: 银白色杯体
 输入电压: AC 220-240V
 灯头: E27
 设计使用寿命: 30000h
 CHARACTERISTIC:
 Material: Alumina body
 Color: silvery whitebody
 Supply Voltage: AC 220-240V
 Base: E27
 Service life: 30000h



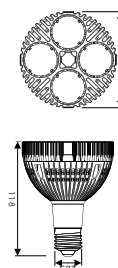
HQLAP33/25T/120/E26 25W



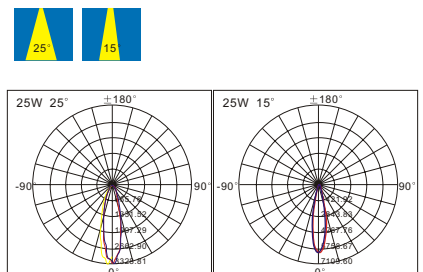
产品特点:
 材质: 压铸铝杯体
 颜色: 银白色杯体
 输入电压: AC 120V
 灯头: E26
 设计使用寿命: 30000h
 认证: ETL认证
 CHARACTERISTIC:
 Material: Alumina body
 Color: silvery whitebody
 Supply Voltage: AC 120V
 Base: E26
 Service life: 30000h
 Certification: ETL



HQLAP33/25/123/E26 25W



产品特点:
 材质: 压铸铝杯体
 颜色: 银白色杯体
 输入电压: AC 100-277V
 灯头: E26
 设计使用寿命: 30000h
 认证: ETL认证
 CHARACTERISTIC:
 Material: Alumina body
 Color: silvery whitebody
 Supply Voltage: AC 100-277V
 Base: E26
 Service life: 30000h
 Certification: ETL

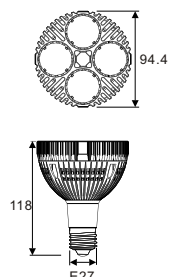


LED PAR灯杯系列/LED PAR Lamp

LAP33 LAP81

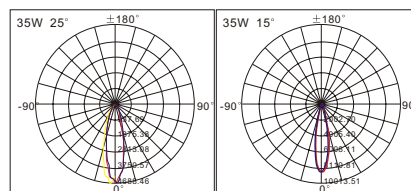


HQLAP33/35/221/E27 35W



产品特点:
材质: 压铸铝杯体
颜色: 银白色杯体
输入电压: AC 220-240V
灯头: E27
设计使用寿命: 30000h

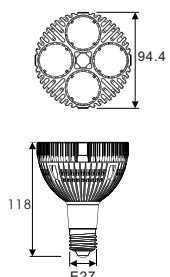
CHARACTERISTIC:
Material: Alumina body
Color: silvery whitebody
Supply Voltage: AC 220-240V
Base: E27
Service life: 30000h



ETL 认证
ETL Certification

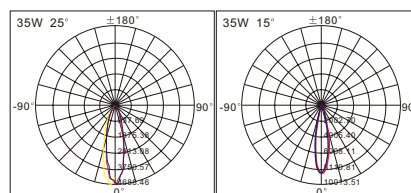
可调光
Dimmable

HQLAP33/35T/120/E26 35W

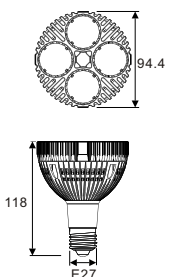


产品特点:
材质: 压铸铝杯体
颜色: 银白色杯体
输入电压: AC 120V
灯头: E26
设计使用寿命: 30000h
认证: ETL 认证

CHARACTERISTIC:
Material: Alumina body
Color: silvery whitebody
Supply Voltage: AC 120V
Base: E26
Service life: 30000h
Certification: ETL

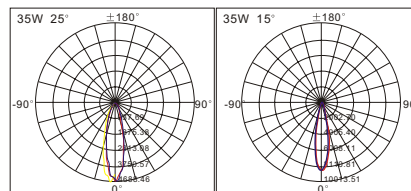


HQLAP33/35/123/E26 35W

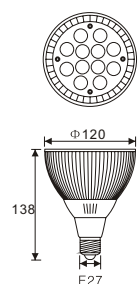


产品特点:
材质: 压铸铝杯体
颜色: 银白色杯体
输入电压: AC 100-277V
灯头: E26
设计使用寿命: 30000h
认证: ETL 认证

CHARACTERISTIC:
Material: Alumina body
Color: silvery whitebody
Supply Voltage: AC 100-277V
Base: E26
Service life: 30000h
Certification: ETL

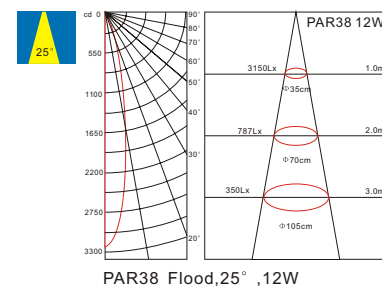
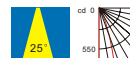


HQLAP81/12/122/E27 12W



产品特点:
材质: 表面氧化铝杯体
颜色: 金黄色杯体
输入电压: AC 100-240V
灯头: E27

设计使用寿命: 50000h
CHARACTERISTIC:
Material: Alumina body
Color: Golden whitebody
Supply Voltage: AC 100-240V
Base: E27
Service life: 50000h

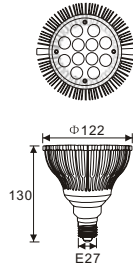


LED PAR灯杯系列/LED PAR Lamp

LAP82



HQLAP82/12/122/E27 12W



产品特点:

材质: 表面氧化铝杯体

颜色: 银白色杯体

输入电压: AC 100-240V

灯头: E27

设计使用寿命: 50000h

CHARACTERISTIC:

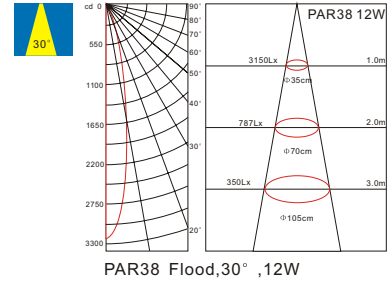
Material: Alumina body

Color: silvery whitebody

Supply Voltage: AC 100-240V

Base: E27

Service life: 50000h



节能计算/Energy conservation

- 5W LEDPAR20灯杯取代50W卤素灯杯, 每只灯能节省45W功率。
- 7W LED PAR30灯杯取代75W卤素灯杯, 每只灯能节省68W功率。
- 25W LED PAR30灯杯取代35W金卤灯杯, 每只灯能节省10W功率。
- 35W LED PAR30灯杯取代70W金卤灯杯, 每只灯能节省35W功率。
- 12W LED PAR38灯杯取代100W卤素灯杯, 每只灯能节省88W功率。
- 每天工作24小时, 每年工作365天, 每年工作8760小时。
- 5W LEDPAR20灯杯每年可以节约394度电
- 7W LED PAR30灯杯每年可以节约596度电
- 25W LED PAR30灯杯每年可以节约87度电
- 35W LED PAR30灯杯每年可以节约306度电
- 12W LED PAR38灯杯每年可以节约770度电
- 5/7/9/12W LED PAR灯可以减少替换次数25次
- 25/35W LED PAR灯可以减少替换次数5次

- 5W LED PAR20 lamp replaces 50W halogen lamp, each saves 45W power.
- 7W LED PAR30 lamp replaces 75W halogen lamp, each saves 68W power.
- 25W LED PAR30 lamp replaces 35W halogen lamp, each saves 10W power.
- 35W LED PAR30 lamp replaces 70W halogen lamp, each saves 35W power.
- 12W LED PAR38 lamp replaces 100W halogen lamp, each saves 88W power.
- Work 24 hours every day, 365 days every year and 8760 hours every year.
- 5W LEDPAR20 Saves 394kWh electricity every year.
- 7W LEDPAR30 Saves 596kWh electricity every year.
- 25W LEDPAR30 Saves 87kWh electricity every year.
- 35W LEDPAR30 Saves 306kWh electricity every year.
- 12W LEDPAR38 Saves 770kWh electricity every year.
- 5/7/9/12W LED PAR lamp Reduces 25 times for replacement.
- 25/35W LED PAR lamp Reduces 5 times for replacement.

功率对比/Power comparison



寿命对比/Life comparison



LED AR灯杯系列/LED AR Lamp

订货指南/Order Guide

ERP 产品ERP编码 Product Code	V 输入电压 Supply Voltage	W 功率 Power	替代卤素灯/金卤灯 功率(W) Replace Watts	W 线路功率 Circuit Power	PF 功率因素 Power Factor	Ra 显色指数 CRI	LM 光通量 Flux	K 色温 CCT	发光角度 Beam Angle	可选角度 Optional Angle	直径 D mm	h 设计寿命 Life	灯头 base
HQLAP21/5/122/E27 晶元 5W													
2611739016	AC100-240	5	50	6.5	≥0.70	80	400	3000	25	---	60	50000	E27
2611739029	AC100-240	5	50	6.5	≥0.70	75	410	4000	25	---	60	50000	E27
2611739030	AC100-240	5	50	6.5	≥0.70	75	430	6500	25	---	60	50000	E27
HQLAP31/7/122/E27 晶元 7W													
2611774002	AC100-240	7	75	9	≥0.80	80	480	3000	25	---	93	50000	E27
2611774003	AC100-240	7	75	9	≥0.80	75	530	4000	25	---	93	50000	E27
2611774004	AC100-240	7	75	9	≥0.80	75	580	6500	25	---	93	50000	E27
HQLAP32/7/122/E27 晶元 7W													
2611774007	AC100-240	7	75	9	≥0.80	80	480	3000	30	---	95	50000	E27
2611774012	AC100-240	7	75	9	≥0.80	75	530	4000	30	---	95	50000	E27
2611774013	AC100-240	7	75	9	≥0.80	75	580	6500	30	---	95	50000	E27
HQLAP33/25/221/E27 晶元 25W													
2611778004	AC220-240	25	35(金卤灯)	30	≥0.95	80	1180	3000	25	15	94.4	30000	E27
2611778005	AC220-240	25	35(金卤灯)	30	≥0.95	75	1250	4000	25	15	94.4	30000	E27
2611778006	AC220-240	25	35(金卤灯)	30	≥0.95	75	1350	6500	25	15	94.4	30000	E27
HQLAP33/25/221/E27 CREE 25W													
2611778001	AC220-240	25	35(金卤灯)	30	≥0.95	80	1180	3000	25	15	94.4	30000	E27
2611778002	AC220-240	25	35(金卤灯)	30	≥0.95	75	1250	4000	25	15	94.4	30000	E27
2611778003	AC220-240	25	35(金卤灯)	30	≥0.95	75	1350	6500	25	15	94.4	30000	E27
HQLAP33/25T/120/E26 CREE 25W													
---	AC120	25	35(金卤灯)	30	≥0.95	80	1180	3000	25	15	94.4	30000	E26
---	AC120	25	35(金卤灯)	30	≥0.95	75	1250	4000	25	15	94.4	30000	E26
---	AC120	25	35(金卤灯)	30	≥0.95	75	1350	6500	25	15	94.4	30000	E26
HQLAP33/25/123/E26 CREE 25W													
---	AC100-277	25	35(金卤灯)	30	≥0.95	80	1180	3000	25	15	94.4	30000	E26
---	AC100-277	25	35(金卤灯)	30	≥0.95	75	1250	4000	25	15	94.4	30000	E26
---	AC100-277	25	35(金卤灯)	30	≥0.95	75	1350	6500	25	15	94.4	30000	E26
HQLAP33/35/221/E27 晶元 35W													
2611702004	AC220-240	30	70(金卤灯)	35	≥0.95	80	1400	3000	25	15	94.4	30000	E27
2611702005	AC220-240	30	70(金卤灯)	35	≥0.95	75	1500	4000	25	15	94.4	30000	E27
2611702006	AC220-240	30	70(金卤灯)	35	≥0.95	75	1600	6500	25	15	94.4	30000	E27
HQLAP33/35/221/E27 CREE 35W													
2611702001	AC220-240	30	70(金卤灯)	35	≥0.95	80	1400	3000	25	15	94.4	30000	E27
2611702002	AC220-240	30	70(金卤灯)	35	≥0.95	75	1500	4000	25	15	94.4	30000	E27
2611702003	AC220-240	30	70(金卤灯)	35	≥0.95	75	1600	6500	25	15	94.4	30000	E27
HQLAP33/35T/120/E26 CREE 35W													
---	AC120	30	70(金卤灯)	35	≥0.95	80	1400	3000	25	15	94.4	30000	E26
---	AC120	30	70(金卤灯)	35	≥0.95	75	1500	4000	25	15	94.4	30000	E26
---	AC120	30	70(金卤灯)	35	≥0.95	75	1600	6500	25	15	94.4	30000	E26
HQLAP33/35/123/E26 CREE 35W													
---	AC100-277	30	70(金卤灯)	35	≥0.95	80	1400	3000	25	15	94.4	30000	E26
---	AC100-277	30	70(金卤灯)	35	≥0.95	75	1500	4000	25	15	94.4	30000	E26
---	AC100-277	30	70(金卤灯)	35	≥0.95	75	1600	6500	25	15	94.4	30000	E26
HQLAP81/12/122/E27 晶元 12W													
2611764002	AC100-240	12	100	15.3	≥0.95	80	820	3000	25	---	120	50000	E27
2611764004	AC100-240	12	100	15.3	≥0.95	75	900	4000	25	---	120	50000	E27
2611764005	AC100-240	12	100	15.3	≥0.95	75	950	6500	25	---	120	50000	E27
HQLAP82/12/122/E27 晶元 12W													
2611764003	AC100-240	12	100	15.3	≥0.95	80	820	3000	30	---	122	50000	E27
2611764009	AC100-240	12	100	15.3	≥0.95	75	900	4000	30	---	122	50000	E27
2611764010	AC100-240	12	100	15.3	≥0.95	75	950	6500	30	---	122	50000	E27

*以上产品编码属于对应的发光角度产品，订货时请注明发光角度。

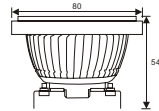
Above order code is corresponding to different beam angle, customers should state the beam angle while placing.

LED AR灯杯系列/LED AR Lamp

LAR81 LAR11

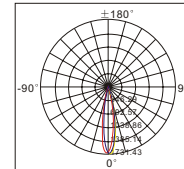


HQLAR81/5/D12/GU53 5W



材质: 压铸铝杯体+乳白PC面罩
颜色: 灰色杯体+乳白面罩
输入电压: AC12/DC12
灯头: GU53
设计使用寿命: 50000h

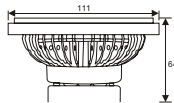
Material: silver alumina-coated body+
depolished PC cover
Color: silvery white body+ milk white cover
Supply Voltage: AC12/DC12
Base: GU53
Service life: 50000h



Center Beam	Beam Width
V	H
2m 419.35LUX	0.7m 0.7m
4m 104.84LUX	1.3m 1.3m
6m 46.59LUX	2.0m 2.0m
8m 26.21LUX	2.6m 2.7m
10m 16.77LUX	3.3m 3.3m
12m 11.65LUX	4.0m 4.0m

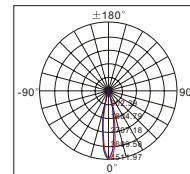


HQLAR11/10/D12/GU53 10W



材质: 压铸铝杯体+乳白PC面罩
颜色: 灰色杯体+乳白面罩
输入电压: AC12/DC12
灯头: GU53
设计使用寿命: 50000h

Material: silver alumina-coated body+
depolished PC cover
Color: silvery white body+ milk white cover
Supply Voltage: AC12/DC12
Base: GU53
Service life: 50000h



Center Beam	Beam Width
V	H
2m 1108.13LUX	0.7m 0.7m
4m 277.03LUX	1.3m 1.4m
6m 123.13LUX	2.0m 2.1m
8m 68.26LUX	2.7m 2.8m
10m 44.33LUX	3.3m 3.5m
12m 30.78LUX	4.0m 4.2m

节能计算/Energy conservation

- 5W LED灯泡分别取代50W卤素灯杯，每只灯能节省45W功率。
- 10W LED灯泡分别取代75W卤素灯杯，每只灯能节省65W功率。
- 每天工作24小时，每年工作365天，每年工作8760小时。
- 5W LED灯泡每年可以节约368度电。
- 10W LED灯泡每年可以节约552度电。
- 可以减少替换次数25次。
- 5W LED lamp replaces 50W lamp, each saves 45W energy.
- 10W LED lamp replaces 75W lamp, each saves 65W energy.
- Work 24 hours every day, 365 days every year and 8760 hours every year.
- 5W LED lamp Saves 368 kWh electricity every year.
- 10W LED lamp Saves 552 kWh electricity every year.
- Reduces 25 times for replacement

功率对比/Power comparison

5W = 50W
10W = 75W

寿命对比/Life comparison

1 x 50000hrs = 25 x Standard
1 x 50000hrs = 25 x Standard

订货指南/Order Guide

ERP	V	W	替代 卤素灯 功率(W) Replace Watts	W	λ	Ra	LM	K	发光 角度 Beam Angle	可选 角度 Optional Angle	直径 D mm	h	设计 寿命 Life	灯头 base
产品ERP编码 Product Code	输入电压 Supply Voltage	功率 Power		线路功率 Circuit Power	功率因素 PF	显色指数 CRI	光通量 Flux	色温 CCT						
HQLAR81/5/D12/GU53 晶元 5W														
2611755005	AC12/DC12	4	50	5	≥0.55	80	250	3000	30	60	80	50000	GU53	
2611755006	AC12/DC12	4	50	5	≥0.55	75	275	4000	30	60	80	50000	GU53	
2611755007	AC12/DC12	4	50	5	≥0.55	75	300	6500	30	60	80	50000	GU53	
HQLAR11/10/D12/GU53 晶元 10W														
2611764013	AC12/DC12	7	75	10	≥0.65	80	500	3000	30	60	111	50000	GU53	
2611764014	AC12/DC12	7	75	10	≥0.65	75	550	4000	30	60	111	50000	GU53	
2611764015	AC12/DC12	7	75	10	≥0.65	75	600	6500	30	60	111	50000	GU53	

*以上产品编码属于对应的发光角度产品，订货时请注明发光角度。

Above order code is corresponding to different beam angle, customers should state the beam angle while placing.

专业型COB 筒灯

Professional Type COB Downlight

产品特点/Characteristic

- 散热材料选用高导热系数的铝基板，6063铝散热型材，依据传导、对流和辐射来优化设计散热结构，增强了散热效果。
- 采用COB光源，光线均匀柔和，无眩光，高显色性，高流明输出。
- 外置隔离恒流驱动电源，配套标准电器箱，性能稳定，安全节能，同时提升整灯光效。
- 弹簧夹设计，方便装置在不同厚度的天花板空间。
- 绿色环保无污染，冷光源设计，无热辐射，对眼睛和皮肤无任何伤害。
- 不含铅、汞等污染元素，实现了真正意义上的绿色环保。
- Heat dissipation material we use is high thermal conductivity aluminum plate and 6063 aluminum radiator, On the basis of conduction, convection and radiation to optimize heat dissipation structure design, to enhance the heat dissipation effect.
- Adopted COB chip creates even and gentle light effect, free from glare, high color rendering index and high luminous efficiency.
- Adopted isolated constant current power supply inside the standard gear box to make sure safety, energy-saving, stable performance and high luminous efficiency.
- The spring clamp design, can make it fix in the different thickness of the ceiling space conveniently.
- Green, environmental and no pollution, cold light design, no heat radiation, without any damage to eyes and skin. No lead, mercury and other pollution elements, realize true green environmental protection.

适用环境/Applications

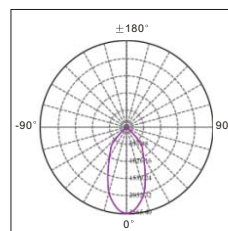
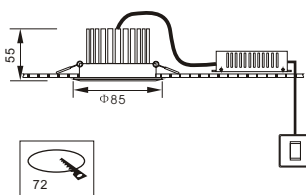
- 适用于酒店、餐饮、商场、橱窗、专卖店娱乐场所、展厅、博物馆等场所。
- Hotel, restaurant, shopping mall, Showcase, stores, showroom and museum etc.

SD312A-5 SD312B-10



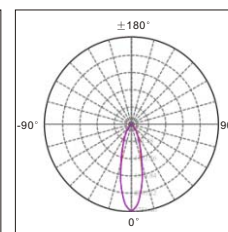
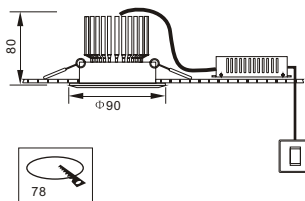
HQLF5/221/SD312A-5 5W

F IP20



HQLF10/221/SD312B-10 10W

F IP20



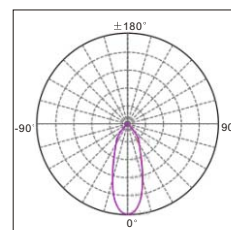
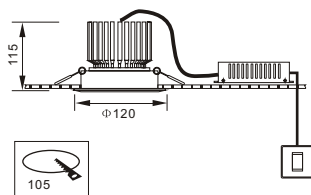
COB筒灯/COB Downlight

SD312C-15 SD312D-20 SD312E-24



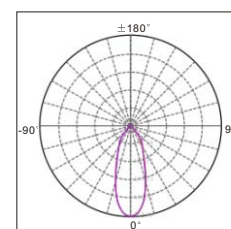
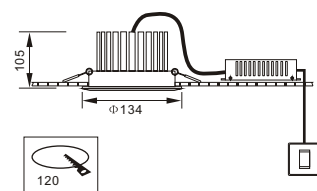
HQLF15/221/SD312C-15 15W

F IP20



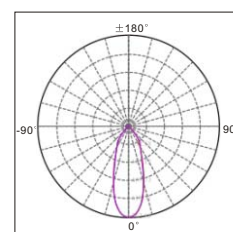
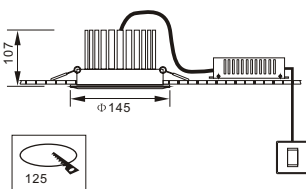
HQLF20/221/SD312D-20 20W

F IP20



HQLF24/221/SD312E-24 24W

F IP20



COB筒灯/COB Downlight

订货指南/Order Guide

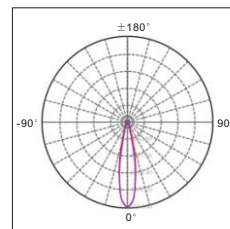
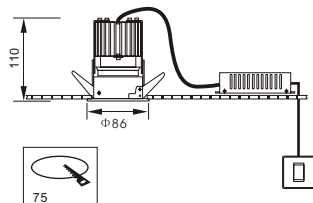
ERP 产品ERP编码 Product Code	V 额定电压 Rated Voltage	V 最大工作电压范围 Max. Operation voltage range	W 功率 Power	W 线路功率 Circuit Power	PF 功率因素 Power Factor	Ra 显色指数 CRI	LM 光通量 Flux	K 色温 CCT	发光角度 Beam Angle	可选角度 Optional Angle	h 设计寿命 Service life	IP IP等级 IP Rating
HQLF5/221/SD312A-5 5W												
---	AC220-240V	AC100-240V	5	7	≥0.45	≥80	395	3000	60	12/24	50000	IP20
---	AC220-240V	AC100-240V	5	7	≥0.45	≥75	415	4000	60	12/24	50000	IP20
---	AC220-240V	AC100-240V	5	7	≥0.45	≥75	452	6500	60	12/24	50000	IP20
HQLF10/221/SD312B-10 10W												
---	AC220-240V	AC100-240V	10	12	≥0.8	≥80	840	3000	60	12/24	50000	IP20
---	AC220-240V	AC100-240V	10	12	≥0.8	≥75	862	4000	60	12/24	50000	IP20
---	AC220-240V	AC100-240V	10	12	≥0.8	≥75	900	6500	60	12/24	50000	IP20
HQLF15/221/SD312C-15 15W												
---	AC220-240V	AC100-240V	15	18	≥0.95	≥80	1350	3000	60	12/24	50000	IP20
---	AC220-240V	AC100-240V	15	18	≥0.95	≥75	1400	4000	60	12/24	50000	IP20
---	AC220-240V	AC100-240V	15	18	≥0.95	≥75	1440	6500	60	12/24	50000	IP20
HQLF20/221/SD312D-20 20W												
---	AC220-240V	AC100-240V	20	24	≥0.95	≥80	1800	3000	24	15	50000	IP20
---	AC220-240V	AC100-240V	20	24	≥0.95	≥75	1872	4000	24	15	50000	IP20
---	AC220-240V	AC100-240V	20	24	≥0.95	≥75	1920	6500	24	15	50000	IP20
HQLF24/221/SD312E-24 24W												
---	AC220-240V	AC100-240V	24	28	≥0.95	≥80	2100	3000	24	15	50000	IP20
---	AC220-240V	AC100-240V	24	28	≥0.95	≥75	2184	4000	24	15	50000	IP20
---	AC220-240V	AC100-240V	24	28	≥0.95	≥75	2240	6500	24	15	50000	IP20

专业型COB筒灯/COB Downlight Professional Type

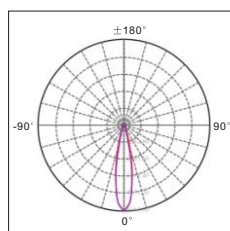
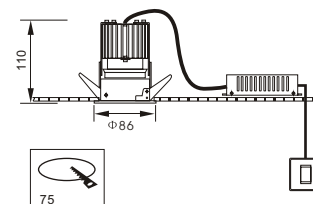
SD313A-9 SD313B-9 SD313C-9 SD313D-9



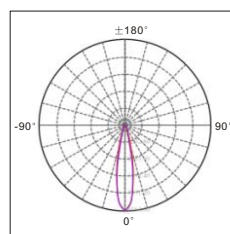
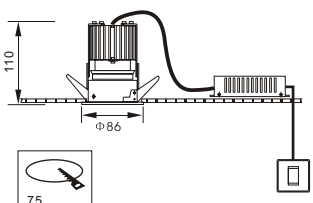
HQLF9/221/SD313A-9 9W



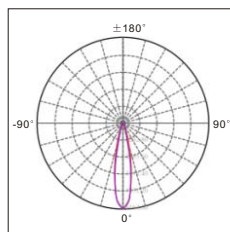
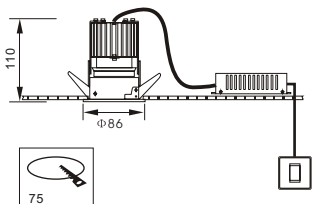
HQLF9/221/SD313B-9 9W



HQLF9/221/SD313C-9 9W



HQLF9/221/SD313D-9 9W

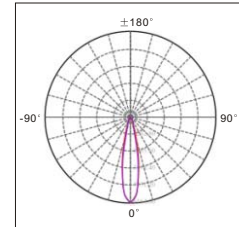
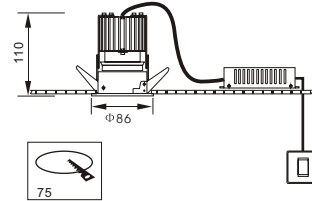


专业型COB筒灯/COB Downlight Professional Type

SD313E-9



HQLF9/221/SD313E-9 9W



订货指南/Order Guide

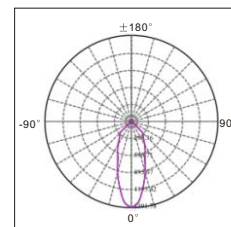
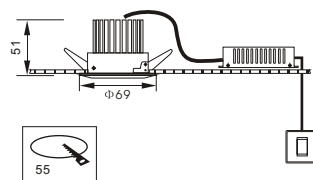
ERP 产品ERP编码 Product Code	V 额定电压 Rated Voltage	V 最大工作电压范围 Max Operation voltage range	W 功率 Power	W 线路功率 Circuit Power	PF 功率因素 Power Factor	Ra 显色指数 CRI	LM 光通量 Flux	K 色温 CCT	发光角度 Beam Angle	h 设计寿命 Service life	IP IP等级 IP Rating
HQLF9/221/SD313A-9 9W											
---	AC220-240V	AC100-240V	9	11	≥0.7	≥80	720	3000	20	50000	IP20
---	AC220-240V	AC100-240V	9	11	≥0.7	≥75	756	4000	20	50000	IP20
---	AC220-240V	AC100-240V	9	11	≥0.7	≥75	816	6500	20	50000	IP20
HQLF9/221/SD313B-9 9W											
---	AC220-240V	AC100-240V	9	11	≥0.7	≥80	720	3000	20	50000	IP20
---	AC220-240V	AC100-240V	9	11	≥0.7	≥75	756	4000	20	50000	IP20
---	AC220-240V	AC100-240V	9	11	≥0.7	≥75	816	6500	20	50000	IP20
HQLF9/221/SD313C-9 9W											
---	AC220-240V	AC100-240V	9	11	≥0.7	≥80	720	3000	20	50000	IP20
---	AC220-240V	AC100-240V	9	11	≥0.7	≥75	756	4000	20	50000	IP20
---	AC220-240V	AC100-240V	9	11	≥0.7	≥75	816	6500	20	50000	IP20
HQLF9/221/SD313D-9 9W											
---	AC220-240V	AC100-240V	9	11	≥0.7	≥80	720	3000	20	50000	IP20
---	AC220-240V	AC100-240V	9	11	≥0.7	≥75	756	4000	20	50000	IP20
---	AC220-240V	AC100-240V	9	11	≥0.7	≥75	816	6500	20	50000	IP20
HQLF9/221/SD313E-9 9W											
---	AC220-240V	AC100-240V	9	11	≥0.7	≥80	720	3000	20	50000	IP20
---	AC220-240V	AC100-240V	9	11	≥0.7	≥75	756	4000	20	50000	IP20
---	AC220-240V	AC100-240V	9	11	≥0.7	≥75	816	6500	20	50000	IP20

专业型COB筒灯/COB Downlight Professional Type

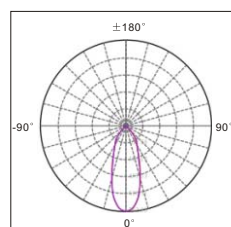
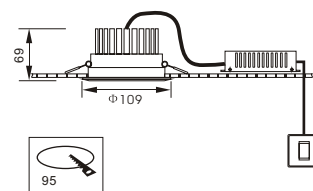
SD314A-4 SD314B-9 SD314C-13 SD314D-18



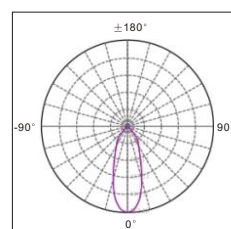
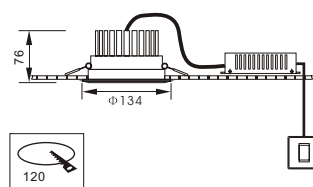
HQLF4/221/SD314A-4 4W



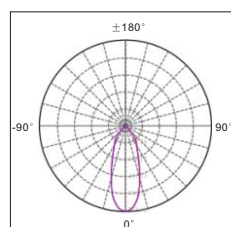
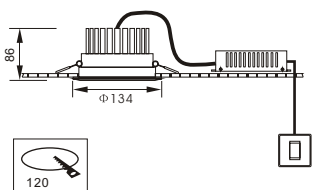
HQLF9/221/SD314B-9 9W



HQLF13/221/SD314C-13 13W



HQLF18/221/SD314D-18 18W



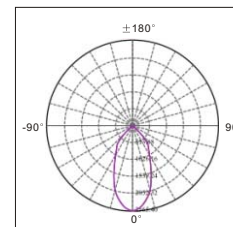
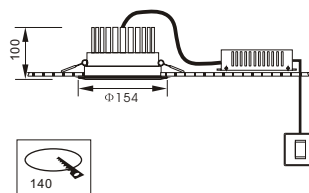
专业型COB筒灯/COB Downlight Professional Type

SD314E-24 SD314E-30



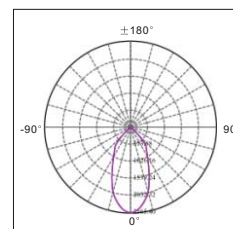
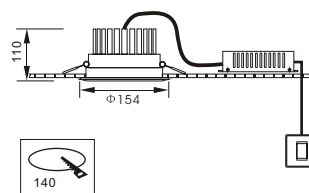
HQLF24/221/SD314E-24 24W

F IP20



HQLF30/221/SD314E-30 30W

F IP20



订货指南/Order Guide

ERP 产品ERP编码 Product Code	V 额定电压 Rated Voltage	V 最大工作电压范围 Max. Operation voltage range	W 功率 Power	W 线路功率 Circuit Power	PF 功率因素 Power Factor	Ra 显色指数 CRI	LM 光通量 Flux	K 色温 CCT	△ 发光角度 Beam Angle	△ 可选角度 Optional Angle	h 设计寿命 Service life	IP IP等级 IP Rating
HQLF4/221/SD314A-4 4W												
---	AC220-240V	AC100-240V	4	6	≥0.45	≥80	340	3000	24	/	50000	IP20
---	AC220-240V	AC100-240V	4	6	≥0.45	≥75	358	4000	24	/	50000	IP20
---	AC220-240V	AC100-240V	4	6	≥0.45	≥75	388	6500	24	/	50000	IP20
HQLF9/221/SD314B-9 9W												
---	AC220-240V	AC100-240V	9	11	≥0.7	≥80	810	3000	40	25	50000	IP20
---	AC220-240V	AC100-240V	9	11	≥0.7	≥75	846	4000	40	25	50000	IP20
---	AC220-240V	AC100-240V	9	11	≥0.7	≥75	906	6500	40	25	50000	IP20
HQLF13/221/SD314C-13 13W												
---	AC220-240V	AC100-240V	13	15.5	≥0.95	≥80	1162	3000	40	25	50000	IP20
---	AC220-240V	AC100-240V	13	15.5	≥0.95	≥75	1209	4000	40	25	50000	IP20
---	AC220-240V	AC100-240V	13	15.5	≥0.95	≥75	1240	6500	40	25	50000	IP20
HQLF18/221/SD314D-18 18W												
---	AC220-240V	AC100-240V	18	21	≥0.95	≥80	1575	3000	40	25	50000	IP20
---	AC220-240V	AC100-240V	18	21	≥0.95	≥75	1638	4000	40	25	50000	IP20
---	AC220-240V	AC100-240V	18	21	≥0.95	≥75	1680	6500	40	25	50000	IP20
HQLF24/221/SD314E-24 24W												
---	AC220-240V	AC100-240V	24	28	≥0.95	≥80	2100	3000	60	/	50000	IP20
---	AC220-240V	AC100-240V	24	28	≥0.95	≥75	2184	4000	60	/	50000	IP20
---	AC220-240V	AC100-240V	24	28	≥0.95	≥75	2240	6500	60	/	50000	IP20
HQLF30/221/SD314E-30 30W												
---	AC220-240V	AC100-240V	30	35	≥0.95	≥80	2625	3000	60	/	50000	IP20
---	AC220-240V	AC100-240V	30	35	≥0.95	≥75	2730	4000	60	/	50000	IP20
---	AC220-240V	AC100-240V	30	35	≥0.95	≥75	2800	6500	60	/	50000	IP20

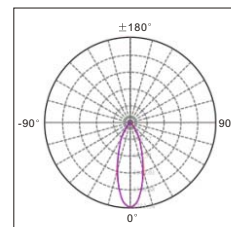
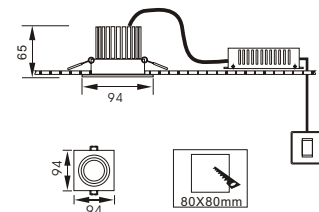
专业型COB筒灯/COB Downlight Professional Type

SD315A-6 SD315B-12 SD315C-18 SD315D-24



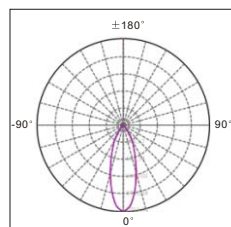
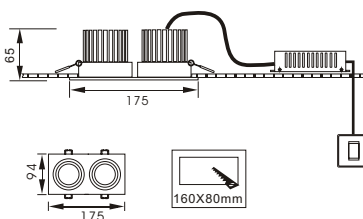
HQLF6/221/SD315A-6 6W

F IP20



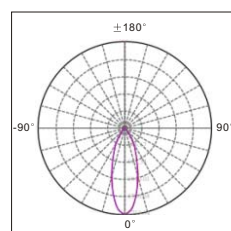
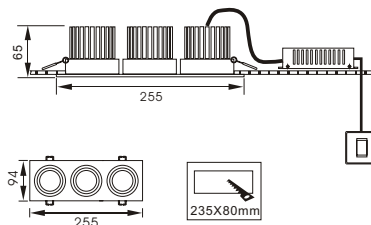
HQLF12/221/SD315B-12 12W

F IP20



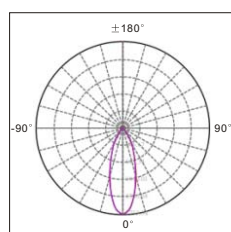
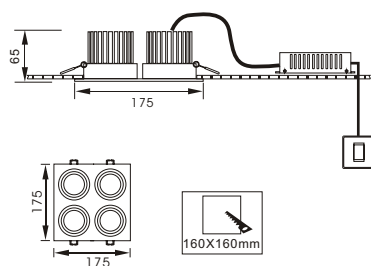
HQLF18/221/SD315C-18 18W

F IP20



HQLF24/221/SD315D-24 24W

F IP20



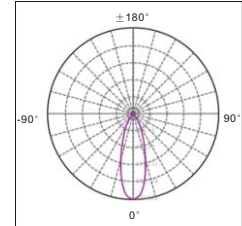
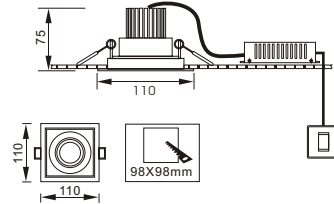
专业型COB筒灯/COB Downlight Professional Type

SD316A-5 SD316B-10



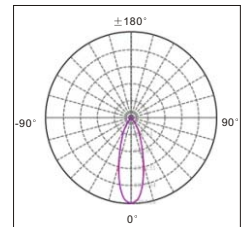
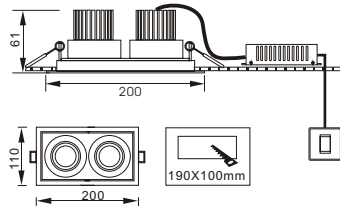
HQLF5/221/SD316A-5 5W

F IP20



HQLF10/221/SD316B-10 10W

F IP20



订货指南/Order Guide

ERP 产品ERP编码 Product Code	V 额定电压 Rated Voltage	V 最大工作电压范围 Max. Operation voltage range	W 功率 Power	W 线路功率 Circuit Power	PF 功率因素 Power Factor	Ra 显色指数 CRI	LM 光通量 Flux	K 色温 CCT	发光角度 Beam Angle	h 设计寿命 Service life	IP IP等级 IP Rating
HQLF6/221/SD315A-6 6W											
---	AC220-240V	AC100-240V	6	7.5	≥0.45	≥80	510	3000	36	50000	IP20
---	AC220-240V	AC100-240V	6	7.5	≥0.45	≥75	530	4000	36	50000	IP20
---	AC220-240V	AC100-240V	6	7.5	≥0.45	≥75	567	6500	36	50000	IP20
HQLF12/221/SD315B-12 12W											
---	AC220-240V	AC100-240V	12	14	≥0.95	≥80	1020	3000	36	50000	IP20
---	AC220-240V	AC100-240V	12	14	≥0.95	≥75	1062	4000	36	50000	IP20
---	AC220-240V	AC100-240V	12	14	≥0.95	≥75	1131	6500	36	50000	IP20
HQLF18/221/SD315C-18 18W											
---	AC220-240V	AC100-240V	18	21	≥0.95	≥80	1530	3000	36	50000	IP20
---	AC220-240V	AC100-240V	18	21	≥0.95	≥75	1593	4000	36	50000	IP20
---	AC220-240V	AC100-240V	18	21	≥0.95	≥75	1698	6500	36	50000	IP20
HQLF24/221/SD315D-24 24W											
---	AC220-240V	AC100-240V	24	28	≥0.95	≥80	2040	3000	36	50000	IP20
---	AC220-240V	AC100-240V	24	28	≥0.95	≥75	2124	4000	36	50000	IP20
---	AC220-240V	AC100-240V	24	28	≥0.95	≥75	2264	6500	36	50000	IP20
HQLF5/221/SD316A-5 5W											
---	AC220-240V	AC100-240V	5	7	≥0.45	≥80	340	3000	36	50000	IP20
---	AC220-240V	AC100-240V	5	7	≥0.45	≥75	355	4000	36	50000	IP20
---	AC220-240V	AC100-240V	5	7	≥0.45	≥75	380	6500	36	50000	IP20
HQLF10/221/SD316B-10 10W											
---	AC220-240V	AC100-240V	10	12	≥0.7	≥80	680	3000	36	50000	IP20
---	AC220-240V	AC100-240V	10	12	≥0.7	≥75	708	4000	36	50000	IP20
---	AC220-240V	AC100-240V	10	12	≥0.7	≥75	756	6500	36	50000	IP20

嵌入式COB 筒灯

Recessed COB Downlight

产品特点/Characteristic

- 散热材料选用高导热系数的散热铝材，依据传导、对流和辐射来优化设计散热结构，增强了散热效果。
- 采用进口COB光源，光线均匀柔和，无眩光，高显色性，高流明输出。
- 外置隔离恒流驱动电源，配套标准电器箱，性能稳定，安全节能，同时提升整灯光效。
- 弹簧夹设计，方便装置在不同厚度的天花板空间。
- 绿色环保无污染，冷光源设计，无热辐射，对眼睛和皮肤无任何伤害。
- 不含铅、汞等污染元素，实现了真正意义上的绿色环保。
- Adopted high thermal conductivity aluminum, On the basis of conduction, convection and radiation to optimize heat dissipation structure design, to enhance the heat dissipation effect.
- Adopted imported COB chip creates even and gentle light effect, free from glare, high color rendering index and high luminous efficiency.
- Adopted isolated constant current power supply inside the standard gear box to make sure safety, energy-saving, stable performance and high luminous efficiency.
- The spring clamp design, can make it fix in the different thickness of the ceiling space conveniently.
- Green, environmental and no pollution, cold light design, no heat radiation, without any damage to eyes and skin. No lead, mercury and other pollution elements, realize true green environmental protection.

适用环境/Applications

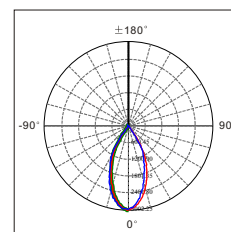
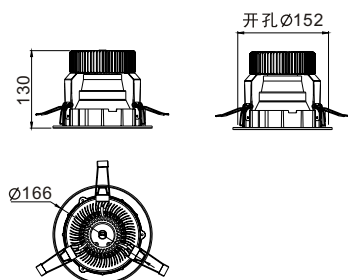
- 适用于酒店、餐饮、商场、橱窗、专卖店娱乐场所、展厅、博物馆等场所。
- Hotel, restaurant, shopping mall, Showcase, stores, showroom and museum etc.



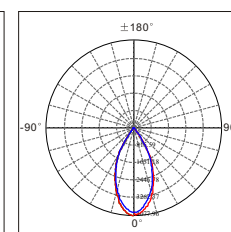
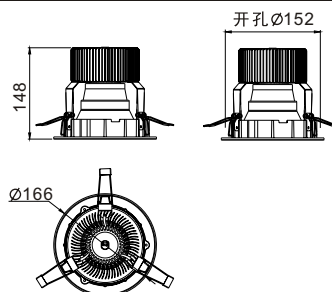
SD607 SD608



HQLF15/221/SD607 15W



HQLF24/221/SD608 24W

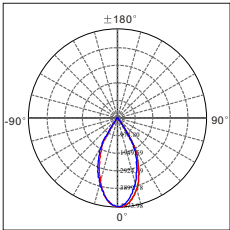
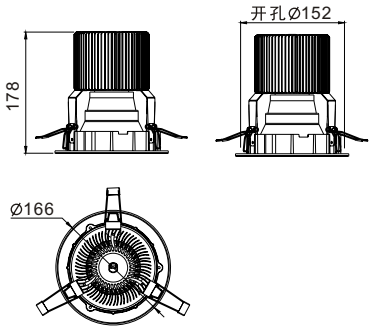


COB筒灯/COB Downlight

SD609



HQLF35/221/SD609 35W



订货指南/Order Guide

ERP 产品ERP编码 Product Code	V 额定电压 Rated Voltage	W 功率 Power	W 线路功率 Circuit Power	PF 功率因素 Power Factor	Ra 显色指数 CRI	LM 光通量 Flux	K 色温 CCT	发光角度 Beam Angle	h 设计寿命 Service life	IP IP等级 IP Rating
HQLF15/221/SD607 15W										
---	AC220-240V	15	19	≥0.95	≥80	1800	3000	50	50000	IP20
---	AC220-240V	15	19	≥0.95	≥80	1840	4000	50	50000	IP20
---	AC220-240V	15	19	≥0.95	≥80	1880	6500	50	50000	IP20
HQLF24/221/SD608 24W										
---	AC220-240V	24	28	≥0.95	≥80	2400	3000	50	50000	IP20
---	AC220-240V	24	28	≥0.95	≥80	2450	4000	50	50000	IP20
---	AC220-240V	24	28	≥0.95	≥80	2500	6500	50	50000	IP20
HQLF35/221/SD609 35W										
---	AC220-240V	35	39	≥0.95	≥80	2950	3000	50	50000	IP20
---	AC220-240V	35	39	≥0.95	≥80	3050	4000	50	50000	IP20
---	AC220-240V	35	39	≥0.95	≥80	3120	6500	50	50000	IP20

LED 超薄型筒灯

LED Thin Downlight

产品特点/Characteristic

- 光线均匀柔和，无眩光，高显色性。
- 外置隔离恒流驱动电源，安全节能，性能稳定，同时提升整灯光效。
- 低热感、散热效果好，延长整灯寿命。
- 超薄的外观设计，时尚大方，体积小且轻巧，易于安装和更换。
- Even and gentle light effect, free from glare, high color rendering index and high luminous efficiency.
- Adopted isolated constant current power supply inside the standard gear box to make sure safety, energy-saving, stable performance and high Luminous Efficiency.
- New heat sink material, excellent design reduces Lumens depreciation which enhances service life.
- Ultra-thin design, With Stylish Appearance, easy to install and replace.

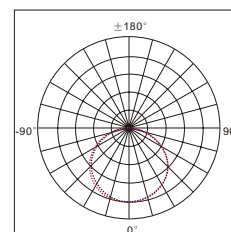
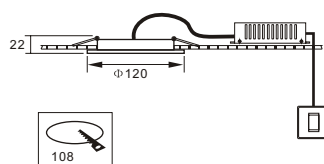
适用环境/Applications

- 适用于酒店、餐饮、商场、橱窗、专卖店娱乐场所、展厅、博物馆等场所。
- Hotel, restaurant, shopping mall, Showcase, stores, showroom and museum etc.

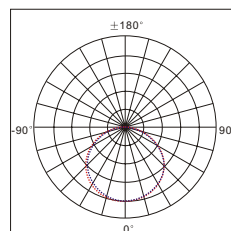
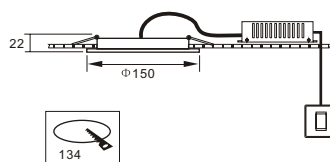
SD317A-6 SD317B-9



HQLF6/221/SD317A-6 6W



HQLF9/221/SD317B-9 9W



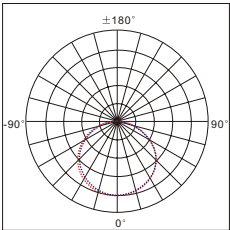
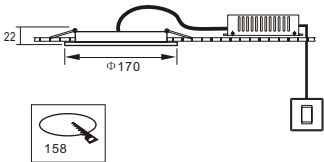
LED超薄型筒灯/LED Thin Downlight

SD317D-12



HQLF12/221/SD317D-12 12W

F IP20



订货指南/Order Guide

 ERP	 V	 V	 W	 W	 PF	 Ra	 LM	 K		 h	 IP
产品ERP编码 Product Code	额定电压 Rated Voltage	最大工作电压范围 Max Operation voltage range	功率 Power	线路功率 Circuit Power	功率因素 Power Factor	显色指数 CRI	光通量 Flux	色温 CCT	发光角度 Beam Angle	设计寿命 Service life	IP等级 IP Rating
HQLF6/221/SD317A-6 6W											
---	AC220-240V	AC100-240V	6	7.5	≥0.45	≥80	450	3000	120	50000	IP20
---	AC220-240V	AC100-240V	6	7.5	≥0.45	≥75	472	4000	120	50000	IP20
---	AC220-240V	AC100-240V	6	7.5	≥0.45	≥75	487	6500	120	50000	IP20
HQLF9/221/SD317B-9 9W											
---	AC220-240V	AC100-240V	9	11	≥0.7	≥80	660	3000	120	50000	IP20
---	AC220-240V	AC100-240V	9	11	≥0.7	≥75	693	4000	120	50000	IP20
---	AC220-240V	AC100-240V	9	11	≥0.7	≥75	715	6500	120	50000	IP20
HQLF12/221/SD317D-12 12W											
---	AC220-240V	AC100-240V	12	14	≥0.95	≥80	840	3000	120	50000	IP20
---	AC220-240V	AC100-240V	12	14	≥0.95	≥75	882	4000	120	50000	IP20
---	AC220-240V	AC100-240V	12	14	≥0.95	≥75	910	6500	120	50000	IP20

LED 防眩光筒灯

LED Anti Glare Downlight

产品特点/Characteristic

- 光线均匀柔和，无眩光，高显色性。
- 外置隔离恒流驱动电源，安全节能，性能稳定，
- 同时提升整灯光效。
- 低热感、散热效果好，延长整灯寿命。
- 外观时尚大方，易于安装和更换。
- Even and gentle light effect, free from glare, high color rendering index and high luminous efficiency.
- Adopted isolated constant current power supply inside the standard gearbox to make sure safety, energy-saving, stable performance and high Luminous Efficiency.
- New heat sink material, excellent design reduces Lumens depreciation which enhances service life.
- With Stylish Appearance, easy to install and replace.



适用环境/Applications

- 适用于酒店、餐饮、商场、橱窗、专卖店娱乐场所、展厅、博物馆等场所。
- Hotel, restaurant, shopping mall, Showcase, stores, showroom and museum etc.

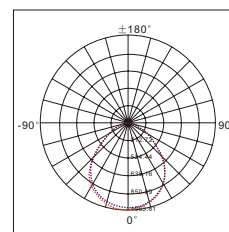
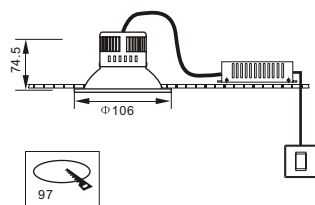
SD306

3"



HQLF3/221/SD306 3W

F IP20

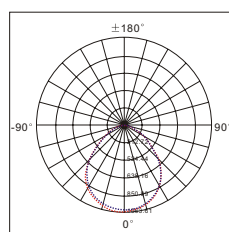
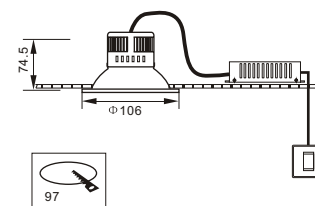


3"



HQLF5/221/SD306 5W

F IP20

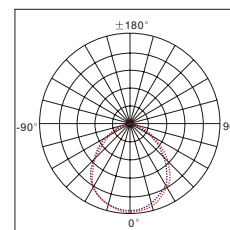
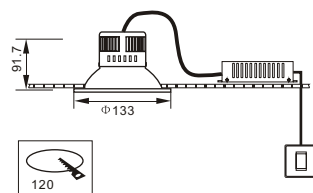


LED防眩光筒灯/LED Anti Glare Downlight

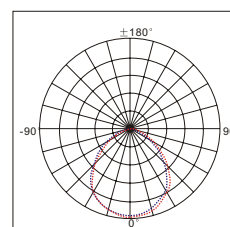
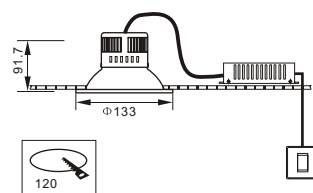
SD407 SD603



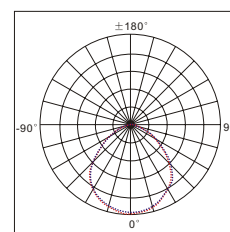
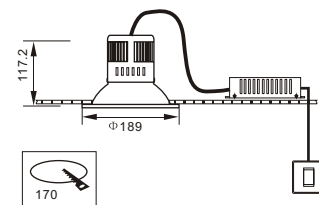
HQLF7/221/SD407 7W



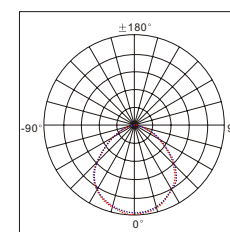
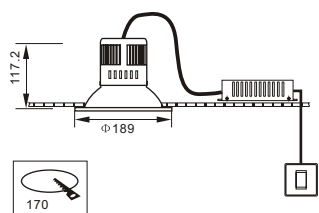
HQLF9/221/SD407 9W



HQLF12/221/SD603 12W



HQLF15/221/SD603 15W



LED防眩光筒灯/LED Anti Glare Downlight

节能计算/Energy conservation

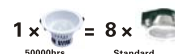
- 3WLED防眩光筒灯取代7W插拔式节能灯筒灯，每只灯能节省4W能量。
- 5WLED防眩光筒灯取代10W插拔式节能灯筒灯，每只灯能节省5W能量。
- 7WLED防眩光筒灯取代13W插拔式节能灯筒灯，每只灯能节省6W能量。
- 9WLED防眩光筒灯取代18W插拔式节能灯筒灯，每只灯能节省9W能量。
- 12WLED防眩光筒灯取代2x13W插拔式节能灯筒灯，每只灯能节省14W能量。
- 15WLED防眩光筒灯取代2x18W插拔式节能灯筒灯，每只灯能节省21W能量。
- 每天工作24小时，每年工作365天，每年工作8760小时。
- 3WLED嵌入式筒灯每年可以节约35度电；5WLED嵌入式筒灯每年可以节约44度电；7WLED嵌入式筒灯每年可以节约52度电；9WLED嵌入式筒灯每年可以节约79度电；12WLED嵌入式筒灯每年可以节约122度电；15WLED嵌入式筒灯每年可以节约184度电；
- 可以减少替换次数8次。

- 3W LED anti glare downlight replaces 7W plug-in energy saving lamp downlight, each saves 4W energy.
- 5W LED anti glare downlight replaces 10W plug-in energy saving lamp downlight, each saves 5W energy.
- 7W LED anti glare downlight replaces 13W plug-in energy saving lamp downlight, each saves 6W energy.
- 9W LED anti glare downlight replaces 18W plug-in energy saving lamp downlight, each saves 9W energy.
- 12W LED anti glare downlight replaces 2x13W plug-in energy saving lamp downlight, each saves 14W energy.
- 15W LED anti glare downlight replaces 2x18W plug-in energy saving lamp downlight, each saves 21W energy.
- Work 24 hours every day, 365 days every year and 8760 hours every year.
- 3W LED anti glare downlight Saves 350 kWh electricity every year;
- 5W LED anti glare downlight Saves 44 kWh electricity every year;
- 7W LED anti glare downlight Saves 52 kWh electricity every year;
- 9W LED anti glare downlight Saves 79 kWh electricity every year;
- 12W LED anti glare downlight Saves 122 kWh electricity every year;
- 15W LED anti glare downlight Saves 184 kWh electricity every year.
- Reduces 8 times for replacement

功率对比/Power comparison



寿命对比/Life comparison



订货指南/Order Guide

ERP 产品ERP编码 Product Code	V 额定电压 Rated Voltage	V 最大工作电压范围 Max. Operation voltage range	W 功率 Power	替代插拔式 节能灯筒灯 功率(W) Replace Watts	W 线路功率 Circuit Power	PF 功率因素 Power Factor	Ra 显色指数 CRI	LM 光通量 Flux	K 色温 CCT	发光角度 Beam Angle	h 设计寿命 Service life	IP IP等级 IP Rating
HQLF3/221/SD306 晶元 3W												
2551638023	AC220-240V	AC100-240V	3	7	4.5	≥0.35	≥80	160	3000	120	50000	IP20
2551638024	AC220-240V	AC100-240V	3	7	4.5	≥0.35	≥75	170	4000	120	50000	IP20
2551638025	AC220-240V	AC100-240V	3	7	4.5	≥0.35	≥75	190	6500	120	50000	IP20
HQLF5/221/SD306 晶元 5W												
2551639013	AC220-240V	AC100-240V	5	10	6.5	≥0.45	≥80	260	3000	120	50000	IP20
2551639014	AC220-240V	AC100-240V	5	10	6.5	≥0.45	≥75	283	4000	120	50000	IP20
2551639015	AC220-240V	AC100-240V	5	10	6.5	≥0.45	≥75	310	6500	120	50000	IP20
HQLF7/221/SD407 晶元 7W												
2551674011	AC220-240V	AC100-240V	7	13	9	≥0.45	≥80	420	3000	120	50000	IP20
2551674012	AC220-240V	AC100-240V	7	13	9	≥0.45	≥75	440	4000	120	50000	IP20
2551674013	AC220-240V	AC100-240V	7	13	9	≥0.45	≥75	460	6500	120	50000	IP20
HQLF9/221/SD407 晶元 9W												
2551640018	AC220-240V	AC100-240V	9	18	11	≥0.7	≥80	530	3000	120	50000	IP20
2551640019	AC220-240V	AC100-240V	9	18	11	≥0.7	≥75	566	4000	120	50000	IP20
2551640020	AC220-240V	AC100-240V	9	18	11	≥0.7	≥75	590	6500	120	50000	IP20
HQLF12/221/SD603 晶元 12W												
2551664030	AC220-240V	AC100-240V	12	2x13	14	≥0.95	≥80	730	3000	120	50000	IP20
2551664031	AC220-240V	AC100-240V	12	2x13	14	≥0.95	≥75	763	4000	120	50000	IP20
2551664032	AC220-240V	AC100-240V	12	2x13	14	≥0.95	≥75	800	6500	120	50000	IP20
HQLF15/221/SD603 晶元 15W												
2551658017	AC220-240V	AC100-240V	15	2x18	17	≥0.95	≥80	900	3000	120	50000	IP20
2551658018	AC220-240V	AC100-240V	15	2x18	17	≥0.95	≥75	945	4000	120	50000	IP20
2551658019	AC220-240V	AC100-240V	15	2x18	17	≥0.95	≥75	1000	6500	120	50000	IP20

专业型LED 射灯、筒灯

Professional Type LED Spotlight and Downlight



产品特点/Characteristic

- 光线均匀柔和，无眩光，高显色性，高流明输出。
- 外置隔离恒流驱动电源，配套标准电器箱，性能稳定，安全节能，同时提升整灯光效。
- 低热感，添加稀土散热材料降低灯珠光衰，延长整灯寿命。
- 外观时尚大方，易于安装和更换。
- Even and gentle light effect, free from glare, high color rendering index and high luminous efficiency.
- Adopted isolated constant current power supply inside the standard gear box to make sure safety, energy-saving, stable performance and high Luminous Efficiency.
- New heat sink material, excellent design reduces Lumens depreciation which enhances service life.
- With Stylish Appearance, easy to install and replace.

适用环境/Applications

- 适用于酒店、餐饮、商场、橱窗、专卖店娱乐场所、展厅、博物馆等场所。
- Hotel, restaurant, shopping mall, Showcase, stores, showroom and museum etc.

SD2501X

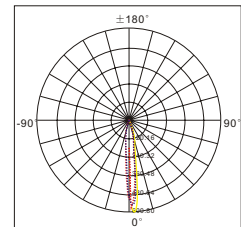
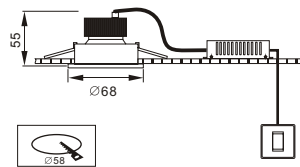
2.5"



专业型
Professional type

HQLF1/221/SD2501X 1W

F IP20



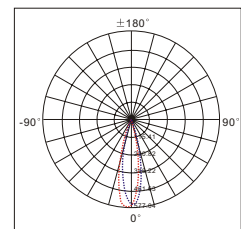
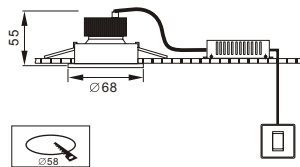
2.5"



专业型
Professional type

HQLF3/221/SD2501X 3W

F IP20

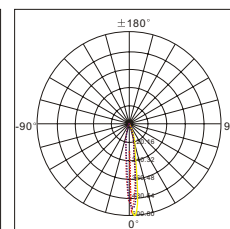
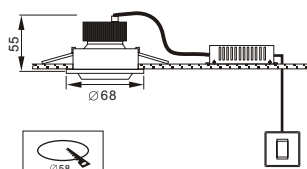


专业型LED嵌入式射灯/Professional Type LED Recessed Downlight

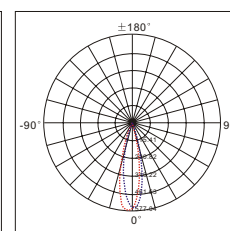
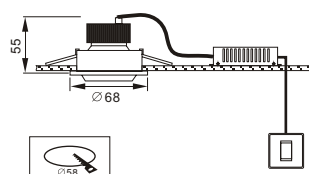
SD2502X SD301X SD302X



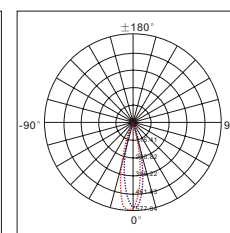
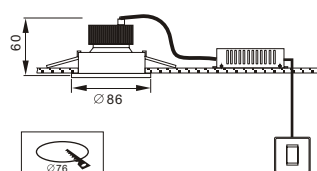
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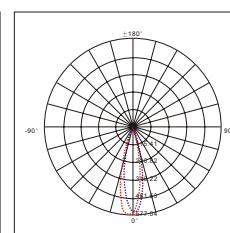
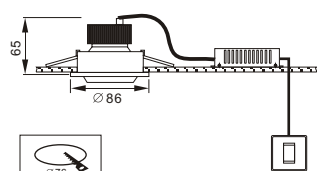
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HQLF3/221/SD301X 3W



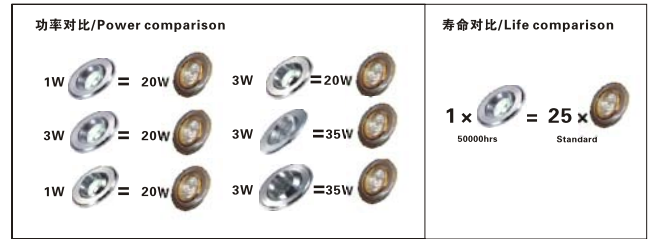
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专业型LED嵌入式射灯/Professional Type LED Recessed Downlight

节能计算/Energy conservation

- 2.5寸1W LED嵌入式射灯取代20W卤素灯射灯, 每只灯能节省19W能量。
 - 2.5寸3W LED嵌入式射灯取代20W卤素灯射灯, 每只灯能节省17W能量。
 - 3寸3W LED嵌入式射灯取代35W卤素灯射灯, 每只灯能节省32W能量。
 - 每天工作24小时, 每年工作365天, 每年工作8760小时。
 - 2.5寸1W LED嵌入式射灯每年可以节约166度电。
 - 2.5寸3W LED嵌入式射灯每年可以节约149度电。
 - 3寸3W LED嵌入式射灯每年可以节约280度电。
 - 可以减少替换次数25次。
- 2.5"LED 1W recessed downlight replaces 20W halogen lamp, each saves 19W energy;
 - 2.5"LED 3W recessed downlight replaces 20W halogen lamp, each saves 17W energy;
 - 3"LED 3W recessed downlight replaces 35W halogen lamp, each saves 32W energy.
 - Work 24 hours every day, 365 days every year and 8760 hours every year.
 - 2.5"LED 1W recessed downlight Saves 166 kWh electricity every year.
 - 2.5"LED 3W recessed downlight Saves 149 kWh electricity every year.
 - 3" LED 3W recessed downlight Saves 280 kWh electricity every year.
 - Reduces 25 times for replacement.



订货指南/Order Guide

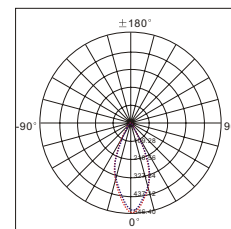
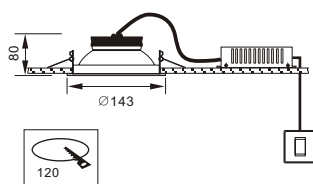
ERP	V	V	W	替代卤素灯功率(W) Replace Watts	W	PF	Ra	LM	K	发光角度 Beam Angle	h	IP
产品ERP编码 Product Code	额定电压 Rated Voltage	最大工作电压范围 Max Operation Voltage range	功率 Power		线路功率 Circuit Power	功率因素 Power Factor	显色指数 CRI	光通量 Flux	色温 CCT		设计寿命 Service life	IP等级 IP Rating
HQLF1/221/SD2501X 晶元 1W												
2551672001	AC220-240V	AC100-240V	1x1	20	1.6	≥0.35	≥80	65	3000	40	50000	IP20
2551672003	AC220-240V	AC100-240V	1x1	20	1.6	≥0.35	≥75	73	4000	40	50000	IP20
2551672004	AC220-240V	AC100-240V	1x1	20	1.6	≥0.35	≥75	85	6500	40	50000	IP20
HQLF3/221/SD2501X 晶元 3W												
2551638010	AC220-240V	AC100-240V	1x2	20	3.6	≥0.35	≥80	105	3000	40	50000	IP20
2551638011	AC220-240V	AC100-240V	1x2	20	3.6	≥0.35	≥75	115	4000	40	50000	IP20
2551638012	AC220-240V	AC100-240V	1x2	20	3.6	≥0.35	≥75	135	6500	40	50000	IP20
HQLF1/221/SD2502X 晶元 1W												
2551672002	AC220-240V	AC100-240V	1x1	20	1.6	≥0.35	≥80	65	3000	40	50000	IP20
2551672005	AC220-240V	AC100-240V	1x1	20	1.6	≥0.35	≥75	73	4000	40	50000	IP20
2551672006	AC220-240V	AC100-240V	1x1	20	1.6	≥0.35	≥75	85	6500	40	50000	IP20
HQLF3/221/SD2502X 晶元 3W												
2551638013	AC220-240V	AC100-240V	1x2	20	3.6	≥0.35	≥80	105	3000	40	50000	IP20
2551638014	AC220-240V	AC100-240V	1x2	20	3.6	≥0.35	≥75	115	4000	40	50000	IP20
2551638015	AC220-240V	AC100-240V	1x2	20	3.6	≥0.35	≥75	135	6500	40	50000	IP20
HQLF3/221/SD301X 晶元 3W												
2551638001	AC220-240V	AC100-240V	3x1	35	4.5	≥0.35	≥80	195	3000	40	50000	IP20
2551638003	AC220-240V	AC100-240V	3x1	35	4.5	≥0.35	≥75	220	4000	40	50000	IP20
2551638004	AC220-240V	AC100-240V	3x1	35	4.5	≥0.35	≥75	250	6500	40	50000	IP20
HQLF3/221/SD302X 晶元 3W												
2551638005	AC220-240V	AC100-240V	3x1	35	4.5	≥0.35	≥80	195	3000	40	50000	IP20
2551638006	AC220-240V	AC100-240V	3x1	35	4.5	≥0.35	≥75	220	4000	40	50000	IP20
2551638007	AC220-240V	AC100-240V	3x1	35	4.5	≥0.35	≥75	250	6500	40	50000	IP20

专业型LED嵌入式筒灯/Professional Type LED Recessed Downlight

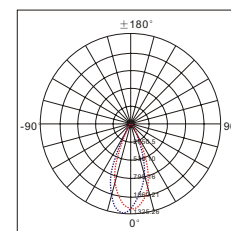
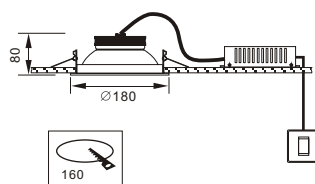
SD402 SD501 SD602 SD802



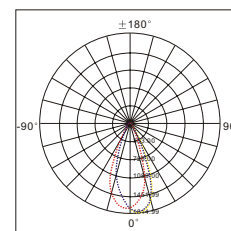
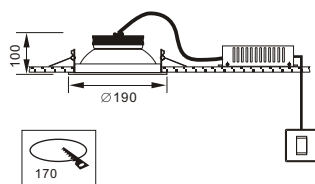
HQLF6/221/SD402 6W



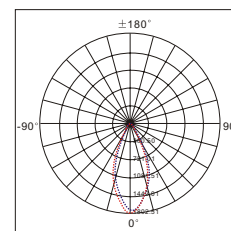
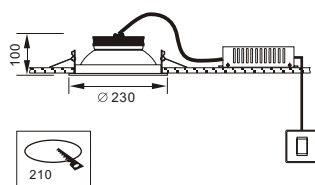
HQLF12/221/SD501 12W



HQLF15/221/SD602 15W



HQLF20/221/SD802 20W

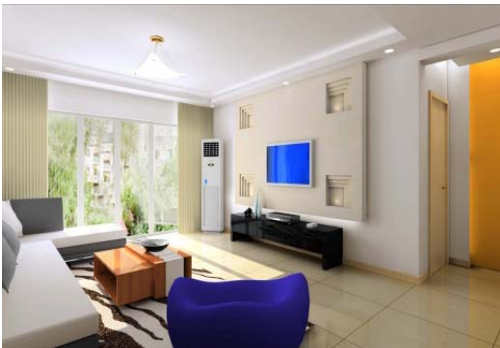


专业型LED嵌入式筒灯/Professional Type LED Recessed Downlight

节能计算/Energy conservation

- 6WLED嵌入式筒灯取代13W 插拔式节能灯筒灯，每只灯能节省7W能量。
- 12WLED嵌入式筒灯取代2x13W插拔式节能灯筒灯，每只灯能节省14W能量。
- 15WLED嵌入式筒灯取代2x18W插拔式节能灯筒灯，每只灯能节省21W能量。
- 20WLED嵌入式筒灯取代2x26W插拔式节能灯筒灯，每只灯能节省32W能量。
- 每天工作24小时，每年工作365天，每年工作8760小时。
- 6WLED嵌入式筒灯每年可以节约61度电；12WLED嵌入式筒灯每年可以节约123度电；15WLED嵌入式筒灯每年可以节约184度电；20WLED嵌入式筒灯每年可以节约280度电
- 可以减少替换次数8次。

- 6W LED recessed downlight replaces 13W plug-type energy-saving lamps downlight, each saves 7W energy.
- 12W LED recessed downlight replaces 2x13W plug-type energy-saving lamps downlight, each saves 14W energy.
- 15W LED recessed downlight replaces 2x18W plug-type energy-saving lamps downlight, each saves 21W energy.
- 20W LED recessed downlight replaces 2x26W plug-type energy-saving lamps downlight, each saves 32W energy.
- Work 24 hours every day, 365 days every year and 8760 hours every year.
- 6W LED recessed downlight Saves 61 kWh electricity every year;
- 12W LED recessed downlight Saves 123 kWh electricity every year;
- 15W LED recessed downlight Saves 184 kWh electricity every year;
- 20W LED recessed downlight Saves 280 kWh electricity every year.
- Reduces 8 times for replacement.



订货指南/Order Guide

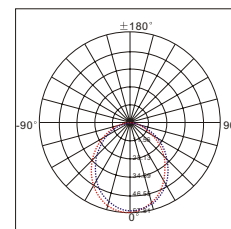
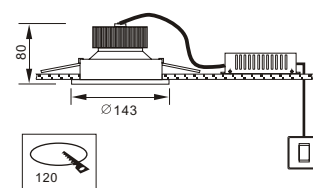
 ERP	 V	 V	 W	 替代插拔式 节能灯筒灯	 W	 PF	 Ra	 LM	 K	 A	 h	 IP
产品ERP编码 Product Code	额定电压 Rated Voltage	最大工作电压范围 Max. Operation voltage range	功率 Power	功率(W) Replace Watts	线路功率 Circuit Power	功率因素 Power Factor	显色指数 CRI	光通量 Flux	色温 CCT	发光角度 Beam Angle	设计寿命 Service life	IP等级 IP Rating
HQLF6/221/SD402 晶元 6W												
2551654002	AC220-240V	AC100-240V	6x1	13	8.3	≥0.45	≥80	390	3000	40	50000	IP20
2551654003	AC220-240V	AC100-240V	6x1	13	8.3	≥0.45	≥75	440	4000	40	50000	IP20
2551654001	AC220-240V	AC100-240V	6x1	13	8.3	≥0.45	≥75	500	6500	40	50000	IP20
HQLF12/221/SD501 晶元 12W												
2551664007	AC220-240V	AC100-240V	12x1	2x13	14	≥0.95	≥80	780	3000	40	50000	IP20
2551664009	AC220-240V	AC100-240V	12x1	2x13	14	≥0.95	≥75	870	4000	40	50000	IP20
2551664010	AC220-240V	AC100-240V	12x1	2x13	14	≥0.95	≥75	960	6500	40	50000	IP20
HQLF15/221/SD602 晶元 15W												
2551658001	AC220-240V	AC100-240V	15x1	2x18	17.5	≥0.95	≥80	975	3000	40	50000	IP20
2551658002	AC220-240V	AC100-240V	15x1	2x18	17.5	≥0.95	≥75	1100	4000	40	50000	IP20
2551658003	AC220-240V	AC100-240V	15x1	2x18	17.5	≥0.95	≥75	1250	6500	40	50000	IP20
HQLF20/221/SD802 晶元 20W												
2551601001	AC220-240V	AC100-240V	20x1	2x26	23.5	≥0.95	≥80	1250	3000	40	50000	IP20
2551601002	AC220-240V	AC100-240V	20x1	2x26	23.5	≥0.95	≥75	1400	4000	40	50000	IP20
2551601003	AC220-240V	AC100-240V	20x1	2x26	23.5	≥0.95	≥75	1600	6500	40	50000	IP20

专业型LED嵌入式筒灯/Professional Type LED Recessed Downlight

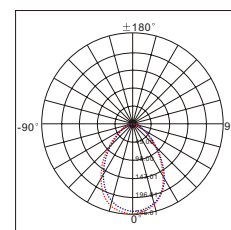
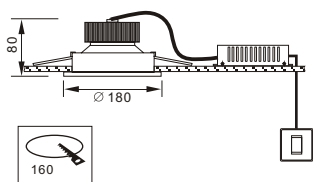
SD401W SD501W SD602W SD802W



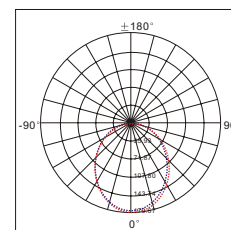
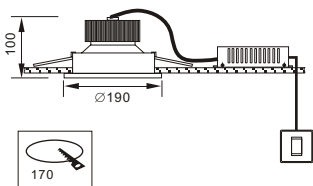
HQLF6/221/SD401W 6W



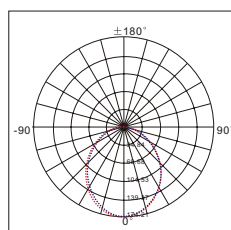
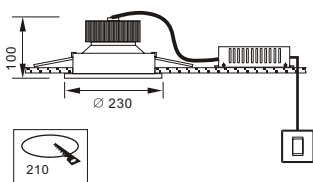
HQLF12/221/SD501W 12W



HQLF15/221/SD602W 15W



HQLF20/221/SD802W 20W

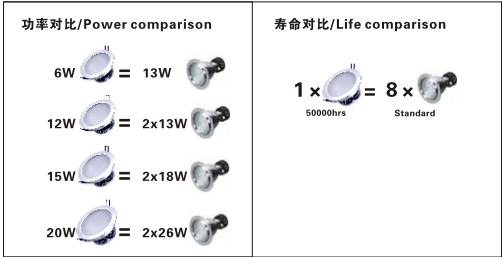


专业型LED嵌入式筒灯/Professional Type LED Recessed Downlight

节能计算/Energy conservation

- 6WLED嵌入式筒灯取代13W防雾型节能灯筒灯，每只灯能节省7W能量。
- 12WLED嵌入式筒灯取代2x13W防雾型节能灯筒灯，每只灯能节省14W能量。
- 15WLED嵌入式筒灯取代2x18W防雾型节能灯筒灯，每只灯能节省21W能量。
- 20WLED嵌入式筒灯取代2x26W防雾型节能灯筒灯，每只灯能节省32W能量。
- 每天工作24小时，每年工作365天，每年工作8760小时。
- 6WLED嵌入式筒灯每年可以节约61度电；12WLED嵌入式筒灯每年可以节约123度电；15WLED嵌入式筒灯每年可以节约184度电；20WLED嵌入式筒灯每年可以节约280度电
- 可以减少替换次数8次。

- 6W LED recessed downlight replaces 13W antifogging energy saving lamp downlight, each saves 7W energy.
- 12W LED recessed downlight replaces 2x13W antifogging energy saving lamp downlight, each saves 14W energy.
- 15W LED recessed downlight replaces 2x18W antifogging energy saving lamp downlight, each saves 21W energy.
- 20W LED recessed downlight replaces 2x26W antifogging energy saving lamp downlight, each saves 32W energy.
- Work 24 hours every day, 365 days every year and 8760 hours every year.
- 6W LED recessed downlight Saves 61 kWh electricity every year;
- 12W LED recessed downlight Saves 123 kWh electricity every year;
- 15W LED recessed downlight Saves 184 kWh electricity every year;
- 20W LED recessed downlight Saves 280 kWh electricity every year.
- Reduces 8 times for replacement.



订货指南/Order Guide

ERP	V	V	W	替代防雾型 节能灯筒灯 功率(W) Replace Watts	W	PF	Ra	LM	K	发光角度 Beam Angle	h	IP
产品ERP编码 Product Code	额定电压 Rated Voltage	最大工作电压范围 Max. Operation voltage range	功率 Power		线路功率 Circuit Power	功率因素 Power Factor	显色指数 CRI	光通量 Flux	色温 CCT		设计寿命 Service life	IP等级 IP Rating
HQLF6/221/SD401W 晶元 6W												
2551654012	AC220-240V	AC100-240V	6	13	8.3	≥0.45	≥80	360	3000	120	50000	IP20
2551654013	AC220-240V	AC100-240V	6	13	8.3	≥0.45	≥75	400	4000	120	50000	IP20
2551654010	AC220-240V	AC100-240V	6	13	8.3	≥0.45	≥75	440	6500	120	50000	IP20
HQLF12/221/SD501W 晶元 12W												
2551664008	AC220-240V	AC100-240V	12	2x13	14	≥0.95	≥80	780	3000	120	50000	IP20
2551664025	AC220-240V	AC100-240V	12	2x13	14	≥0.95	≥75	810	4000	120	50000	IP20
2551664026	AC220-240V	AC100-240V	12	2x13	14	≥0.95	≥75	890	6500	120	50000	IP20
HQLF15/221/SD602W 晶元 15W												
2551658014	AC220-240V	AC100-240V	15	2x18	17.5	≥0.95	≥80	910	3000	120	50000	IP20
2551658007	AC220-240V	AC100-240V	15	2x18	17.5	≥0.95	≥75	1000	4000	120	50000	IP20
2551658015	AC220-240V	AC100-240V	15	2x18	17.5	≥0.95	≥75	1110	6500	120	50000	IP20
HQLF20/221/SD802W 晶元 20W												
2551601005	AC220-240V	AC100-240V	20	2x26	23.5	≥0.95	≥80	1180	3000	120	50000	IP20
2551601006	AC220-240V	AC100-240V	20	2x26	23.5	≥0.95	≥75	1310	4000	120	50000	IP20
2551601004	AC220-240V	AC100-240V	20	2x26	23.5	≥0.95	≥75	1450	6500	120	50000	IP20

高级型LED 筒灯

Advanced Type LED Downlight



产品特点/Characteristic

- 光线均匀柔和，低眩光，高显色性，高流明输出。
- 外置隔离恒流驱动电源，配套标准电器箱，性能稳定，安全节能，同时提升整灯光效。
- 低热感，添加稀土散热材料降低灯珠光衰，延长整灯寿命。
- 外观时尚大方，易于安装和更换。
- Even and gentle light effect, free from glare, high color rendering index and high luminous efficiency.
- Adopted isolated constant current power supply inside the standard gear box to make sure safety, energy-saving, stable performance and high Luminous Efficiency.
- New heat sink material, excellent design reduces Lumens depreciation which enhances service life.
- With Stylish Appearance, easy to install and replace.

适用环境/Applications

- 适用于酒店、餐饮、商场、橱窗、专卖店娱乐场所、展厅、博物馆等场所。
- Hotel, restaurant, shopping mall, Showcase, stores, showroom and museum etc.

SD304X SD3503X

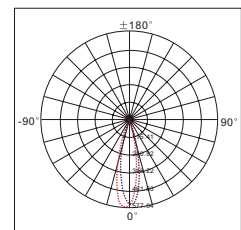
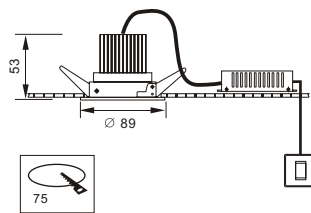
3"



高级型
Advanced type

HQLF3/221/SD304X 3W

F IP20



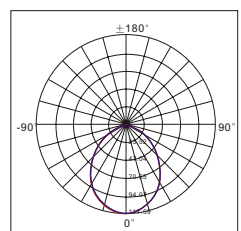
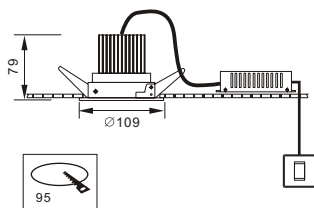
3.5"



高级型
Advanced type

HQLF5/221/SD3503X 5W

F IP20

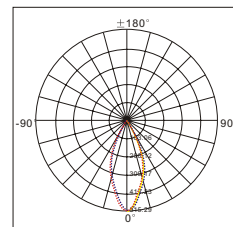
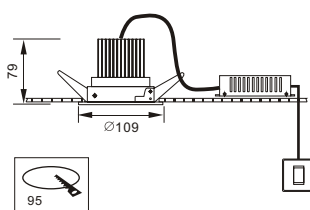


高级型LED嵌入式筒灯/Advanced Type LED Recessed Downlight

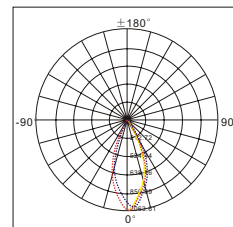
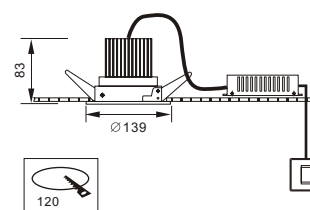
SD3504X SD405X SD406X SD504X



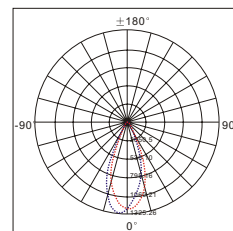
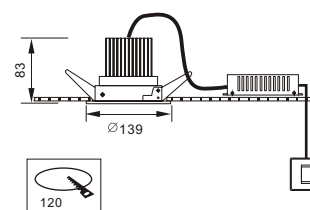
HQLF7/221/SD3504X 7W



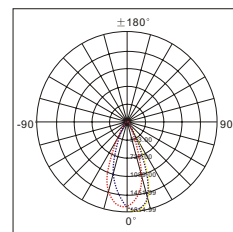
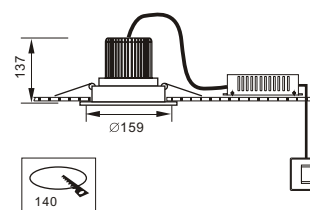
HQLF9/221/SD405X 9W



HQLF12/221/SD406X 12W



HQLF15/221/SD504X 15W

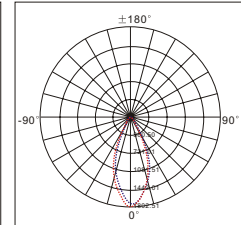
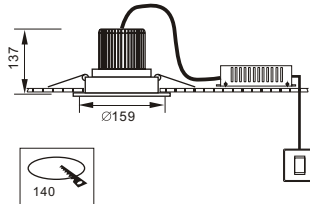


高级型LED嵌入式筒灯/Advanced Type LED Recessed Downlight

SD505X



HQLF18/221/SD505X 18W



节能计算/Energy conservation

- 3WLED嵌入式筒灯取代10W插拔式节能灯，每只灯能节省7W能量。
- 5WLED嵌入式筒灯取代13W插拔式节能灯，每只灯能节省8W能量。
- 7WLED嵌入式筒灯取代18W插拔式节能灯，每只灯能节省11W能量。
- 9WLED嵌入式筒灯取代26W插拔式节能灯，每只灯能节省17W能量。
- 12WLED嵌入式筒灯取代2x13W插拔式节能灯，每只灯能节省14W能量。
- 15WLED嵌入式筒灯取代2x18W插拔式节能灯，每只灯能节省21W能量。
- 18WLED嵌入式筒灯取代2x18W插拔式节能灯，每只灯能节省18W能量。
- 每天工作24小时，每年工作365天，每年工作8760小时。
- 3WLED嵌入式筒灯每年可以节约61度电；5WLED嵌入式筒灯每年可以节约70度电；7WLED嵌入式筒灯每年可以节约96度电；9WLED嵌入式筒灯每年可以节约149度电；12WLED嵌入式筒灯每年可以节约122度电；15WLED嵌入式筒灯每年可以节约184度电；18WLED嵌入式筒灯每年可以节约158度电。
- 可以减少替换次数8次。

- 3W LED recessed downlight replaces 10W plug-type energy-saving lamps downlight, each saves 7W energy.
- 5W LED recessed downlight replaces 13W plug-type energy-saving lamp downlight, each saves 8W energy.
- 7W LED recessed downlight replaces 18W plug-type energy-saving lamp downlight, each saves 11W energy.
- 9W LED recessed downlight replaces 26W plug-type energy-saving lamp downlight, each saves 17W energy.
- 12W LED recessed downlight replaces 2x13W plug-type energy-saving lamp downlight, each saves 14W energy.
- 15W LED recessed downlight replaces 2x18W plug-type energy-saving lamp downlight, each saves 21W energy.
- 18W LED recessed downlight replaces 2x18W plug-type energy-saving lamp downlight, each saves 18W energy.
- Work 24 hours every day, 365 days every year and 8760 hours every year.
- 3W LED recessed downlight Saves 61 kWh electricity every year;
- 5W LED recessed downlight Saves 70 kWh electricity every year;
- 7W LED recessed downlight Saves 96 kWh electricity every year;
- 9W LED recessed downlight Saves 149 kWh electricity every year;
- 12W LED recessed downlight Saves 122 kWh electricity every year;
- 15W LED recessed downlight Saves 184 kWh electricity every year;
- 18W LED recessed downlight Saves 158 kWh electricity every year.
- Reduces 8 times for replacement

功率对比/Power comparison	寿命对比/Life comparison
3W = 10W 5W = 13W 7W = 18W 9W = 26W	1 x = 8 x 50000hrs Standard
12W = 2x13W 15W = 2x18W 18W = 2x18W	

高级型LED嵌入式筒灯/Advanced Type LED Recessed Downlight

订货指南/Order Guide

ERP 产品ERP编码 Product Code	V 额定电压 Rated Voltage	V 最大工作电压范围 Max Operation Voltage range	W 功率 Power	替代插拔式 节能灯筒灯 功率(W) Replace Watts	W 线路功率 Circuit Power	PF 功率因素 Power Factor	Ra 显色指数 CRI	LM 光通量 Flux	K 色温 CCT	发光角度 Optic Angle	h 设计寿命 Service life	IP IP等级 IP Rating
HQLF3/221/SD304X 晶元 3W												
2551638016	AC220-240V	AC100-240V	3x1	10	4.5	≥0.35	≥80	195	3000	30	50000	IP20
2551638018	AC220-240V	AC100-240V	3x1	10	4.5	≥0.35	≥75	220	4000	30	50000	IP20
2551638019	AC220-240V	AC100-240V	3x1	10	4.5	≥0.35	≥75	250	6500	30	50000	IP20
HQLF5/221/SD3503X 晶元 5W												
2551639009	AC220-240V	AC100-240V	5x1	13	7	≥0.45	≥80	320	3000	30	50000	IP20
2551639007	AC220-240V	AC100-240V	5x1	13	7	≥0.45	≥75	360	4000	30	50000	IP20
2551639010	AC220-240V	AC100-240V	5x1	13	7	≥0.45	≥75	420	6500	30	50000	IP20
HQLF7/221/SD3504X 晶元 7W												
2551674001	AC220-240V	AC100-240V	7x1	18	9.3	≥0.70	≥80	480	3000	30	50000	IP20
2551674002	AC220-240V	AC100-240V	7x1	18	9.3	≥0.70	≥75	530	4000	30	50000	IP20
2551674005	AC220-240V	AC100-240V	7x1	18	9.3	≥0.70	≥75	580	6500	30	50000	IP20
HQLF9/221/SD405X 晶元 9W												
2551640011	AC220-240V	AC100-240V	9x1	26	12	≥0.70	≥80	580	3000	30	50000	IP20
2551640008	AC220-240V	AC100-240V	9x1	26	12	≥0.70	≥75	660	4000	30	50000	IP20
2551640012	AC220-240V	AC100-240V	9x1	26	12	≥0.70	≥75	750	6500	30	50000	IP20
HQLF12/221/SD406X 晶元 12W												
2551664021	AC220-240V	AC100-240V	12x1	2x13	14	≥0.95	≥80	820	3000	30	50000	IP20
2551664015	AC220-240V	AC100-240V	12x1	2x13	14	≥0.95	≥75	910	4000	30	50000	IP20
2551664022	AC220-240V	AC100-240V	12x1	2x13	14	≥0.95	≥75	1000	6500	30	50000	IP20
HQLF15/221/SD504X 晶元 15W												
2551658010	AC220-240V	AC100-240V	15x1	2x18	17.5	≥0.95	≥80	1030	3000	30	50000	IP20
2551658008	AC220-240V	AC100-240V	15x1	2x18	17.5	≥0.95	≥75	1140	4000	30	50000	IP20
2551658011	AC220-240V	AC100-240V	15x1	2x18	17.5	≥0.95	≥75	1250	6500	30	50000	IP20
HQLF18/221/SD505X 晶元 18W												
2551643005	AC220-240V	AC100-240V	18x1	2x18	21	≥0.95	≥80	1230	3000	30	50000	IP20
2551643003	AC220-240V	AC100-240V	18x1	2x18	21	≥0.95	≥75	1370	4000	30	50000	IP20
2551643006	AC220-240V	AC100-240V	18x1	2x18	21	≥0.95	≥75	1500	6500	30	50000	IP20

高级型
Advanced type



经济型筒灯

Economical Type LED Downlight



产品特点/Characteristic

- 光线均匀柔和，低眩光，高显色性，高流明输出。
- 外置隔离恒流驱动电源，配套标准电器箱，性能稳定，安全节能，同时提升整灯光效。
- 低热感，添加稀土散热材料降低灯珠光衰，延长整灯寿命。
- 外观时尚大方，易于安装和更换。
- Even and gentle light effect, free from glare, high color rendering index and high luminous efficiency.
- Adopted isolated constant current power supply inside the standard gear box to make sure safety, energy-saving, stable performance and high Luminous Efficiency
- New heat sink material, excellent design reduces Lumens depreciation which enhances service life.
- With Stylish Appearance, easy to install and replace.

适用环境/Applications

- 适用于酒店、餐饮、商场、橱窗、专卖店娱乐场所、展厅、博物馆等场所。
- Hotel, restaurant, shopping mall, Showcase, stores, showroom and museum etc.

SD201X SD303X

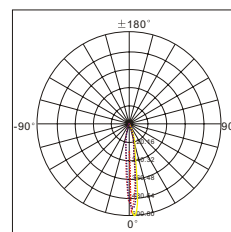
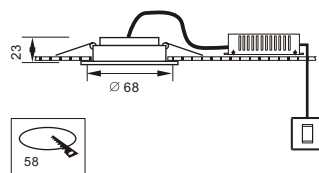
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经济型
Economical type

HQLF1/221/SD201X 1W

F IP20



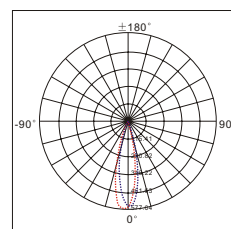
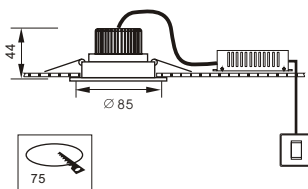
3"



经济型
Economical type

HQLF3/221/SD303X 3W

F IP20

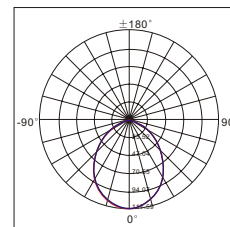
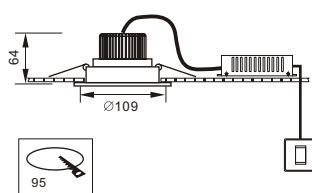


经济型LED嵌入式筒灯/Economical Type LED Recessed Downlight

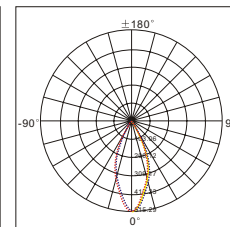
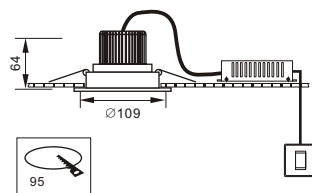
SD3501X SD3502X SD403X SD404X



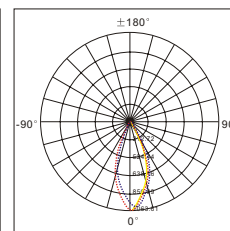
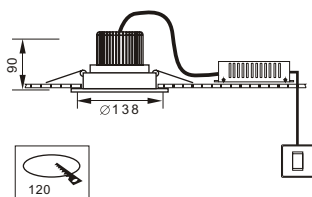
HQLF5/221/SD3501X 5W



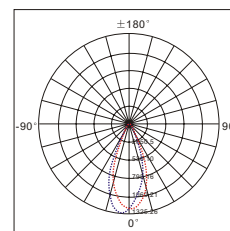
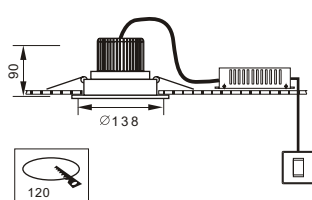
HQLF7/221/SD3502X 7W



HQLF9/221/SD403X 9W



HQLF12/221/SD404X 12W

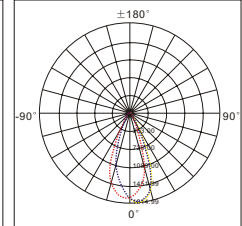
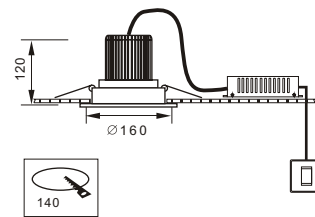


经济型LED嵌入式筒灯/Economical Type LED Recessed Downlight

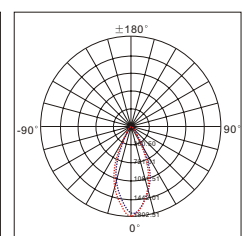
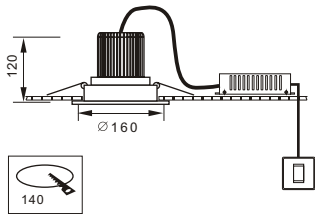
SD502X SD503X



HQLF15/221/SD502X 15W



HQLF18/221/SD503X 18W



节能计算/Energy conservation

- 3WLED嵌入式筒灯取代10W插拔式节能灯筒灯，每只灯能节省7W能量。
- 5WLED嵌入式筒灯取代13W插拔式节能灯筒灯，每只灯能节省8W能量。
- 7WLED嵌入式筒灯取代18W插拔式节能灯筒灯，每只灯能节省11W能量。
- 9WLED嵌入式筒灯取代26W插拔式节能灯筒灯，每只灯能节省17W能量。
- 12WLED嵌入式筒灯取代2x13W插拔式节能灯筒灯，每只灯能节省14W能量。
- 15WLED嵌入式筒灯取代2x18W插拔式节能灯筒灯，每只灯能节省21W能量。
- 18WLED嵌入式筒灯取代2x18W插拔式节能灯筒灯，每只灯能节省18W能量。
- 每天工作24小时，每年工作365天，每年工作8760小时。
- 3WLED嵌入式筒灯每年可以节约61度电；5WLED嵌入式筒灯每年可以节约70度电；7WLED嵌入式筒灯每年可以节约96度电；9WLED嵌入式筒灯每年可以节约149度电；12WLED嵌入式筒灯每年可以节约122度电；15WLED嵌入式筒灯每年可以节约184度电；18WLED嵌入式筒灯每年可以节约158度电。
- 可以减少替换次数8次。

- 3W LED recessed downlight replaces 10W plug-type energy-saving lamps downlight, each saves 7W energy.
- 5W LED recessed downlight replaces 13W plug-type energy-saving lamps downlight, each saves 8W energy.
- 7W LED recessed downlight replaces 18W plug-type energy-saving lamps downlight, each saves 11W energy.
- 9W LED recessed downlight replaces 26W plug-type energy-saving lamps downlight, each saves 17W energy.
- 12W LED recessed downlight replaces 2x13W plug-type energy-saving lamps downlight, each saves 14W energy.
- 15W LED recessed downlight replaces 2x18W plug-type energy-saving lamps downlight, each saves 21W energy.
- 18W LED recessed downlight replaces 2x18W plug-type energy-saving lamps downlight, each saves 18W energy.
- Work 24 hours every day, 365 days every year and 8760 hours every year.
- 3W LED recessed downlight Saves 61 kWh electricity every year.
- 5W LED recessed downlight Saves 70 kWh electricity every year.
- 7W LED recessed downlight Saves 96 kWh electricity every year.
- 9W LED recessed downlight Saves 149 kWh electricity every year.
- 12W LED recessed downlight Saves 122 kWh electricity every year.
- 15W LED recessed downlight Saves 184 kWh electricity every year.
- 18W LED recessed downlight Saves 158 kWh electricity every year.
- Reduces 8 times for replacement

功率对比/Power comparison		寿命对比/Life comparison	
3W = 10W	9W = 26W	1 × 50000hrs = 8 × Standard	
5W = 13W	12W = 2x13W		
7W = 18W	15W = 2x18W		
	18W = 2x18W		

经济型LED嵌入式筒灯/Economical Type LED Recessed Downlight

订货指南/Order Guide

ERP 产品ERP编码 Product Code	V 额定电压 Rated Voltage	V 最大工作电压范围 Max Operation voltage range	W 功率 Power	替代防雾型 节能灯筒灯 功率(W) Replace Watts	W 线路功率 Circuit Power	PF 功率因素 Power Factor	Ra 显色指数 CRI	LM 光通量 Flux	K 色温 CCT	发光角度 Beam Angle	h 设计寿命 Service life	IP IP等级 IP Rating
HQLF1/221/SD201X 晶元 1W												
2551672007	AC220-240V	AC100-240V	1x1	-	1.6	≥0.35	≥80	65	3000	25	50000	IP20
2551672008	AC220-240V	AC100-240V	1x1	-	1.6	≥0.35	≥75	73	4000	25	50000	IP20
2551672009	AC220-240V	AC100-240V	1x1	-	1.6	≥0.35	≥75	85	6500	25	50000	IP20
HQLF3/221/SD303X 晶元 3W												
2551638017	AC220-240V	AC100-240V	3x1	10	4.5	≥0.35	≥80	195	3000	30	50000	IP20
2551638020	AC220-240V	AC100-240V	3x1	10	4.5	≥0.35	≥75	220	4000	30	50000	IP20
2551638021	AC220-240V	AC100-240V	3x1	10	4.5	≥0.35	≥75	250	6500	30	50000	IP20
HQLF5/221/SD3501X 晶元 5W												
2551639011	AC220-240V	AC100-240V	5x1	13	7	≥0.45	≥80	320	3000	30	50000	IP20
2551639008	AC220-240V	AC100-240V	5x1	13	7	≥0.45	≥75	360	4000	30	50000	IP20
2551639012	AC220-240V	AC100-240V	5x1	13	7	≥0.45	≥75	420	6500	30	50000	IP20
HQLF7/221/SD3502X 晶元 7W												
2551674004	AC220-240V	AC100-240V	7x1	18	9.3	≥0.7	≥80	480	3000	30	50000	IP20
2551674003	AC220-240V	AC100-240V	7x1	18	9.3	≥0.7	≥75	530	4000	30	50000	IP20
2551674006	AC220-240V	AC100-240V	7x1	18	9.3	≥0.7	≥75	580	6500	30	50000	IP20
HQLF9/221/SD403X 晶元 9W												
2551640013	AC220-240V	AC100-240V	9x1	26	12	≥0.7	≥80	580	3000	30	50000	IP20
2551640009	AC220-240V	AC100-240V	9x1	26	12	≥0.7	≥75	660	4000	30	50000	IP20
2551640014	AC220-240V	AC100-240V	9x1	26	12	≥0.7	≥75	750	6500	30	50000	IP20
HQLF12/221/SD404X 晶元 12W												
2551664023	AC220-240V	AC100-240V	12x1	2x13	14	≥0.95	≥80	820	3000	30	50000	IP20
2551664016	AC220-240V	AC100-240V	12x1	2x13	14	≥0.95	≥75	910	4000	30	50000	IP20
2551664024	AC220-240V	AC100-240V	12x1	2x13	14	≥0.95	≥75	1000	6500	30	50000	IP20
HQLF15/221/SD502X 晶元 15W												
2551658012	AC220-240V	AC100-240V	15x1	2x18	17.5	≥0.95	≥80	1030	3000	30	50000	IP20
2551658009	AC220-240V	AC100-240V	15x1	2x18	17.5	≥0.95	≥75	1140	4000	30	50000	IP20
2551658013	AC220-240V	AC100-240V	15x1	2x18	17.5	≥0.95	≥75	1250	6500	30	50000	IP20
HQLF18/221/SD503X 晶元 18W												
2551643007	AC220-240V	AC100-240V	18x1	2x18	21	≥0.95	≥80	1230	3000	30	50000	IP20
2551643004	AC220-240V	AC100-240V	18x1	2x18	21	≥0.95	≥75	1370	4000	30	50000	IP20
2551643008	AC220-240V	AC100-240V	18x1	2x18	21	≥0.95	≥75	1500	6500	30	50000	IP20



LED 美规筒灯

American Standard LED Downlight



可调光
Dimmable

产品特点/Characteristic

- 光线均匀柔和，无眩光，高显色性，可调光。
- 外置隔离恒流驱动电源，安全节能，性能稳定，同时提升整灯光效。
- 低热感、散热效果好，延长整灯寿命。
- 外观时尚大方，易于安装和更换。
- 产品具有UL认证。
- Even and gentle light effect, free from glare, high color rendering index and high luminous efficiency.
- Adopted isolated constant current power supply inside the standard gearbox to make sure safety, energy-saving, stable performance and high Luminous Efficiency.
- New heat sink material, excellent design reduces Lumens depreciation which enhances service life.
- With Stylish Appearance, easy to install and replace.
- Products have UL certification.

适用环境/Applications

- 适用于酒店、餐饮、家居、商场等，直接替换传统白炽灯和荧光节能灯筒灯，节能82%以上，是传统白炽灯30倍。
- Hotel, restaurant, shopping mall, stores, showroom and museum etc. Perfect replacement for incandescent and fluorescent downlight, saving more than 82% power, 30 times energy-saving than the incandescent lamps.

SD506T SD507T

5"

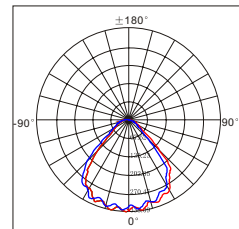
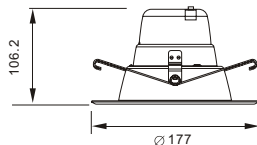


可调光
Dimmable

HQLF10/120/SD506T 10W
HQLF13/120/SD506T 13W



IP20



5"、6"

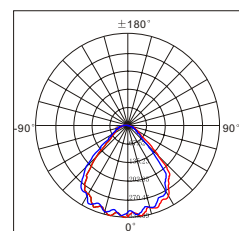
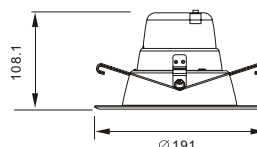


可调光
Dimmable

HQLF10/120/SD507T 10W
HQLF13/120/SD507T 13W



IP20

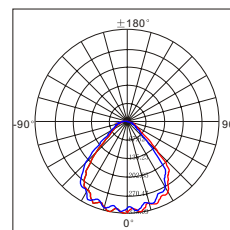
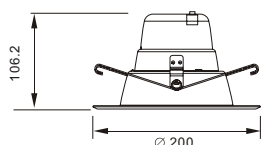


LED美规筒灯/American Standard LED Downlight

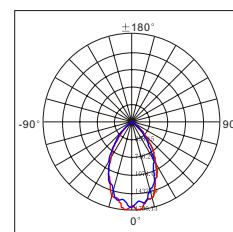
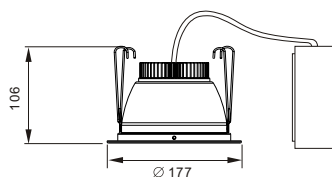
SD605T SD606 SD805



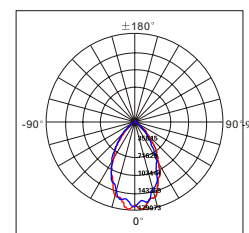
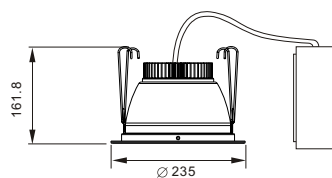
HQLF10/120/SD605T 10W
HQLF13/120/SD605T 13W



HQLF13/120/SD606 13W



HQLF36/120/SD805 36W



LED美规筒灯/American Standard LED Downlight

订货指南/Order Guide

ERP 产品ERP编码 Product Code	V 输入电压 Supply Voltage	W 功率 Power	W 线路功率 Circuit Power	PF 功率因素 Power Factor	Ra 显色指数 CRI	LM 光通量 Flux	K 色温 CCT	发光角度 Beam Angle	h 设计寿命 Service life	IP IP等级 IP Rating
HQLF10/120/SD506T 10W										
2551656013	AC120V	20x0.5	12	≥0.9	≥80	760	3000	90	50000	IP20
2551656014	AC120V	20x0.5	12	≥0.9	≥75	780	4000	90	50000	IP20
2551656015	AC120V	20x0.5	12	≥0.9	≥75	810	6500	90	50000	IP20
HQLF13/120/SD506T 13W										
2551657001	AC120V	28x0.5	15	≥0.9	≥80	1000	3000	90	50000	IP20
2551657002	AC120V	28x0.5	15	≥0.9	≥75	1030	4000	90	50000	IP20
2551657003	AC120V	28x0.5	15	≥0.9	≥75	1080	6500	90	50000	IP20
HQLF10/120/SD507T 10W										
2551656016	AC120V	20x0.5	12	≥0.9	≥80	760	3000	90	50000	IP20
2551656017	AC120V	20x0.5	12	≥0.9	≥75	780	4000	90	50000	IP20
2551656018	AC120V	20x0.5	12	≥0.9	≥75	810	6500	90	50000	IP20
HQLF13/120/SD507T 13W										
2551657004	AC120V	28x0.5	15	≥0.9	≥80	1000	3000	90	50000	IP20
2551657005	AC120V	28x0.5	15	≥0.9	≥75	1030	4000	90	50000	IP20
2551657006	AC120V	28x0.5	15	≥0.9	≥75	1080	6500	90	50000	IP20
HQLF10/120/SD605T 10W										
2551656019	AC120V	20x0.5	12	≥0.9	≥80	760	3000	90	50000	IP20
2551656020	AC120V	20x0.5	12	≥0.9	≥75	780	4000	90	50000	IP20
2551656021	AC120V	20x0.5	12	≥0.9	≥75	810	6500	90	50000	IP20
HQLF13/120/SD605T 13W										
2551657007	AC120V	28x0.5	15	≥0.9	≥80	1000	3000	90	50000	IP20
2551657008	AC120V	28x0.5	15	≥0.9	≥75	1030	4000	90	50000	IP20
2551657009	AC120V	28x0.5	15	≥0.9	≥75	1080	6500	90	50000	IP20
HQLF13/120/SD606 13W										
2551657010	AC120V	28x0.5	15	≥0.9	≥80	1000	3000	40	50000	IP20
2551657011	AC120V	28x0.5	15	≥0.9	≥75	1030	4000	40	50000	IP20
2551657012	AC120V	28x0.5	15	≥0.9	≥75	1080	6500	40	50000	IP20
HQLF36/120/SD805 36W										
2551648017	AC120V	80x0.45	42	≥0.9	≥80	2600	3000	40	50000	IP20
2551648018	AC120V	80x0.45	42	≥0.9	≥75	2650	4000	40	50000	IP20
2551648019	AC120V	80x0.45	42	≥0.9	≥75	2750	6500	40	50000	IP20



LED 嵌入式射灯

LED Recessed Downlight series

产品特点/Characteristic

- 光线均匀柔和，无眩光，高显色性，高流明输出。
- 外置隔离恒流驱动电源，配套标准电器箱，性能稳定，安全节能，同时提升整灯光效。
- 低热感，添加稀土散热材料降低灯珠光衰，延长整灯寿命。
- 外观时尚大方，易于安装和更换。
- Even and gentle light effect, free from glare, high color rendering index and high luminous efficiency.
- Adopted isolated constant current power supply inside the standard gear box to make sure safety, energy-saving, stable performance and high Luminous Efficiency.
- New heat sink material, excellent design reduces Lumens depreciation which enhances service life.
- With Stylish Appearance, easy to install and replace.



适用环境/Applications

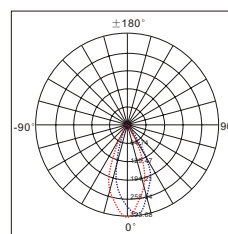
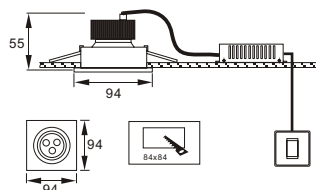
- 适用于酒店、餐饮、商场、橱窗、专卖店娱乐场所、展厅、博物馆等场所。
- Hotel, restaurant, shopping mall, Showcase, stores, showroom and museum etc.

SD301F SD302F



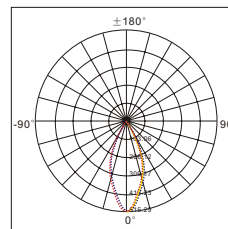
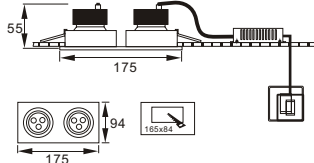
HQLF3/221/SD301F 3W

F IP20



HQLF6/221/SD302F 6W

F IP20

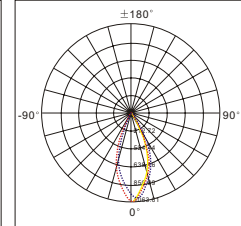
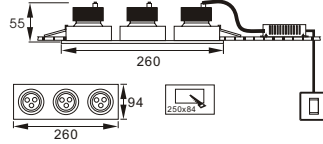


LED嵌入式射灯/LED Recessed Downlight series

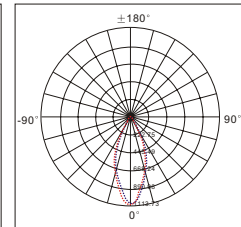
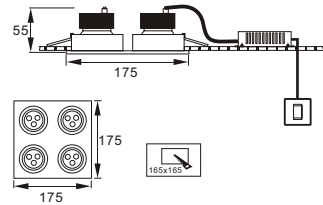
SD303F SD304F



HQLF9/221/SD303F 9W



HQLF12/221/SD304F 12W



订货指南/Order Guide

												
产品ERP编码 Product Code	额定电压 Rated Voltage	最大工作电压范围 Max. Operation voltage range	功率 Power	线路功率 Circuit Power	功率因素 Power Factor	LED颗粒数 LED amount	显色指数 CRI	光通量 Flux	色温 CCT	发光角度 Beam Angle	设计寿命 Service life	IP等级 IP Rating
HQLF3/221/SD301F 晶元 3W												
2551638002	AC220-240V	AC100-240V	3x1	4.5	≥0.35	3	≥80	195	3000	30	50000	IP20
2551638008	AC220-240V	AC100-240V	3x1	4.5	≥0.35	3	≥75	220	4000	30	50000	IP20
2551638009	AC220-240V	AC100-240V	3x1	4.5	≥0.35	3	≥75	250	6500	30	50000	IP20
HQLF6/221/SD302F 晶元 6W												
2551654007	AC220-240V	AC100-240V	6x1	8	≥0.45	6	≥80	390	3000	30	50000	IP20
2551654008	AC220-240V	AC100-240V	6x1	8	≥0.45	6	≥75	440	4000	30	50000	IP20
2551654009	AC220-240V	AC100-240V	6x1	8	≥0.45	6	≥75	500	6500	30	50000	IP20
HQLF9/221/SD303F 晶元 9W												
2551640005	AC220-240V	AC100-240V	9x1	12	≥0.70	9	≥80	580	3000	30	50000	IP20
2551640006	AC220-240V	AC100-240V	9x1	12	≥0.70	9	≥75	660	4000	30	50000	IP20
2551640007	AC220-240V	AC100-240V	9x1	12	≥0.70	9	≥75	750	6500	30	50000	IP20
HQLF12/221/SD304F 晶元 12W												
2551664011	AC220-240V	AC100-240V	12x1	14	≥0.95	12	≥80	820	3000	30	50000	IP20
2551664012	AC220-240V	AC100-240V	12x1	14	≥0.95	12	≥75	910	4000	30	50000	IP20
2551664013	AC220-240V	AC100-240V	12x1	14	≥0.95	12	≥75	1000	6500	30	50000	IP20

LED 吸顶灯

LED Ceiling Lamp

产品特点/Characteristic

- 造型时尚轻巧，适合各种装饰风格。
- 面盖采用高档的PMMA材料，透光率高达90%以上，光线明亮柔和，持久耐用不退色。
- 功率小光效高；拆装方便，免维护。
- 使用寿命5万小时。
- Light and handy with stylish design, suitable for a variety of interior decoration.
- Adopted New heat sink material (PMMA), light transmittance over 90% with even and gentle light effect. Durable, free from color fading.
- Small power with high luminous efficiency, easy to install and replace.
- Service life: 50000H.



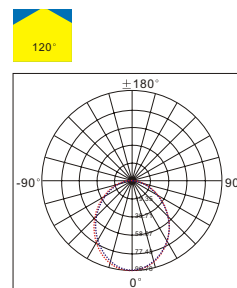
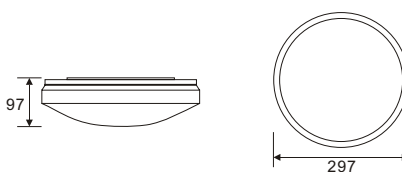
适用环境/Applications

- 适用于酒店、餐饮、家居、商场等。
- Suitable for walkway, household, office, hotel and for indoor illumination.

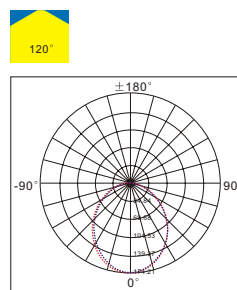
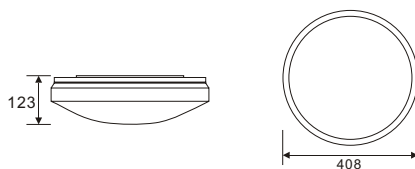
XD01 XD02



HQLF10/221/XD01 10W



HQLF18/221/XD02 18W



LED吸顶灯/LED Ceiling Lamp

节能计算/Energy conservation

- 10W LED吸顶灯取代22W环形管吸顶灯，每只灯能节省12W能量。
- 18W LED吸顶灯取代35W环形管吸顶灯，每只灯能节省17W能量。
- 每天工作24小时，每年工作365天，每年工作8760小时。
- 10W LED吸顶灯每年可以节约105度电；18W LED吸顶灯每年可以节约149度电。
- 可以减少替换次数8次。
- 10W LED Ceiling Lamp replaces 22W Annular tube ceiling lamp, each saves 12W energy.
- 18W LED Ceiling Lamp replaces 35W Annular tube ceiling lamp, each saves 12W energy.
- Work 24 hours every day, 365 days every year and 8760 hours every year.
- 10W LED downlight Saves 105 kWh electricity every year; 18W LED downlight Saves 149 kWh electricity every year.
- Reduces 8 times for replacement.



订货指南/Order Guide

ERP	V	W	替代环形管 吸顶灯 功率(W) Replace Watts	W	PF	Ra	LM	K	发光角度 Beam Angle	h	IP
产品ERP编码 Product Code	输入电压 Supply Voltage	功率 Power		线路功率 Circuit Power	功率因素 Power Factor	显色指数 CRI	光通量 Flux	色温 CCT		设计寿命 Service life	IP等级 IP Rating
HQLF10/221/XD01 10W											
2551656005	AC220-240V	10	22	11.5	≥0.50	≥80	650	3000	120	50000	IP20
2551656006	AC220-240V	10	22	11.5	≥0.50	≥75	680	4000	120	50000	IP20
2551656004	AC220-240V	10	22	11.5	≥0.50	≥75	710	6500	120	50000	IP20
HQLF18/221/XD02 18W											
2551643012	AC220-240V	18	35	21	≥0.50	≥80	900	3000	120	50000	IP20
2551643013	AC220-240V	18	35	21	≥0.50	≥75	1000	4000	120	50000	IP20
2551643002	AC220-240V	18	35	21	≥0.50	≥75	1100	6500	120	50000	IP20





Commercial & Office Lighting Series

商业及办公照明系列



LED 灯管系列

LED Tube Lighting



产品特点/Characteristic

- 光线清透柔和，输出光效 $\geq 90 \text{ lm/W}$ ，显色指数 >80 。
- 内置隔离恒流驱动电源，使用寿命高达50000小时，电源转换效率高达88%提升整灯光效。
- 采用高纯度散热铝，低热感，同时添加稀土散热材料降低LED光衰，延长整灯寿命。
- 简单大方，无眩光，不含任何汞等污染材料，无辐射，营造绿色空间。
- Even and gentle light effect, Luminous efficiency $\geq 90 \text{ lm/w}$, Ra >80 .
- Adopted isolated constant current power supply inside to make sure long service life $\geq 50000\text{H}$, the converting efficiency of power supply reach 88% enhances high Luminous Efficiency.
- Adopted high purity die-casting aluminum as heat sink material, excellent design reduces Lumens depreciation which enhances service life.
- Fashion design, free from glare and contaminating material like mercury, no radiation.

适用环境/Applications

- 广泛适用于家庭，商场，餐厅，会议室，展览厅，广告照明灯场所
- Suitable for household, shopping mall, conference room, hotel, restaurant, showroom and advertising lighting.

LAT81 LAT82



LAT81 8W 12W 15W

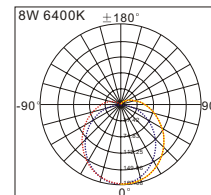


产品特点:

材质: 光扩散型阻燃PC罩 + 铝+乳白阻燃PC灯头
颜色: 银白+乳白
输入电压: AC 100-240V
灯头: G13
设计使用寿命: 50000h

CHARACTERISTIC:

Material: light diffused and flame retardant
PC cover + Alumina + flame retardant milk-white PC lamp holder
Color: silvery white + milk white
Supply Voltage: AC 100-240V
Base: G13
Service life: 50000h



	Center Beam V	Beam Width V H	
2m	46.03LUX	5.5m	8.8m
4m	11.51LUX	10.9m	17.7m
6m	5.11LUX	16.4m	26.5m
8m	2.88LUX	21.9m	35.4m
10m	1.84 LUX	27.3m	44.2m
12m	1.28LUX	32.8m	53.1m



LAT82 8W 10W 13W

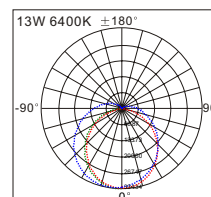


产品特点:

材质: 光扩散型阻燃PC罩 + 铝+乳白阻燃PC灯头
颜色: 银白+乳白
输入电压: AC 220-240V
灯头: G13
设计使用寿命: 50000h

CHARACTERISTIC:

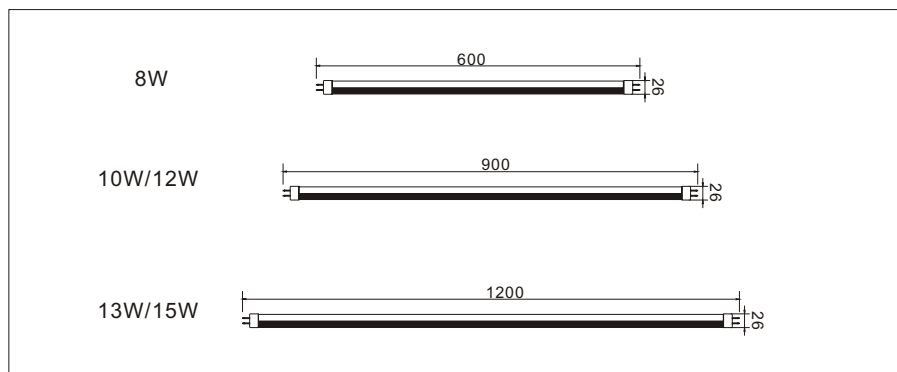
Material: light diffused and flame retardant
PC cover + Alumina + flame retardant milk-white PC lamp holder
Color: silvery white + milk white
Supply Voltage: AC 220-240V
Base: G13
Service life: 50000h



	Center Beam		Beam Width	
		V	H	
2m	80.87LUX		5.6m	9.3m
4m	20.22LUX		11.2m	18.7m
6m	8.99LUX		16.8m	28.0m
8m	5.05LUX		22.5m	37.4m
10m	3.23LUX		28.1m	46.7m
12m	2.25LUX		33.7m	56.0m

LED 灯管系列/LED Tube Lighting

产品尺寸/Product size



节能计算/Energy conservation

- 8W LED日光灯管取代18W荧光灯，每只灯能节省10W能量。
- 10W/12W LED日光灯管取代30W荧光灯，每只灯能节省18W能量。
- 13W/15W LED日光灯管取代36W荧光灯，每只灯能节省21W能量。
- 每天工作24小时，每年工作365天，每年工作8760小时。
- 8W LED灯管每年可以节约：87度电。
- 10W/12W LED灯管每年可以节约：157度电。
- 13W/15W LED灯管每年可以节约：184度电。
- 可以减少替换次数5次

- 8W LED Tube Lighting replaces 16W fluorescent tube, each saves 10W energy.
- 10W/12W LED Tube Lighting replaces 40W fluorescent tube, each saves 18W energy.
- 13W/15W LED Tube Lighting replaces 36W fluorescent tube, each saves 21W energy.
- Work 24 hours every day, 365 days every year and 8760 hours every year.
- 8W LED Tube Lighting Saves 87kWh electricity every year.
- 10W/12W LED Tube Lighting Saves 157kWh electricity every year.
- 13W/15W LED Tube Lighting Saves 184kWh electricity every year.
- Reduces 5 times for replacement

功率对比/Power comparison

8W	=	18W
8W	=	18W
10W	=	30W
12W	=	30W
13W	=	36W
15W	=	36W

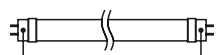
寿命对比/Life comparison

1 x	=	5 x
50000hrs		Standard
1 x	=	5 x
50000hrs		Standard

产品安装/替换 Product Install/Replacement

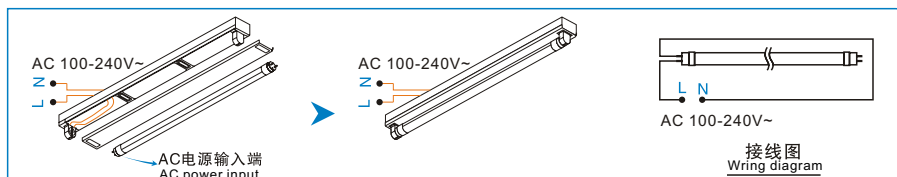
新安装/Installation:

- 只需在产品的输入端一头接入一组电源线(L/N)即可。
- 产品的G13灯头上标明一端是电源输入端;另一端标明注意事项:禁止接入电源线(L/N).
- Connect (L/N) wire to input terminal of this product.
- The one side of G13 base is the input terminal of this tube, the other side marked "Warning: Do Not Connect Power(L/N) to This Terminal"



L/N
AC电源输入端
AC power input

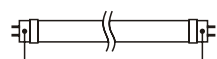
注意/Warning:
此端禁止接入电源线(L/N)
Do Not Connect Power(L/N)
to This Terminal.



LED 灯管系列/LED Tube Lighting

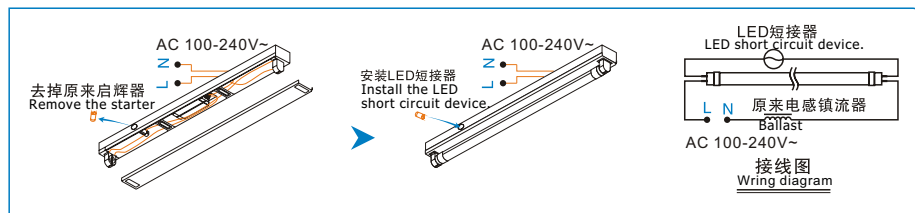
替换安装/Replacement:

- 产品与传统电感式T8荧光灯替换,只需要把荧光灯管的启辉器取下,安装上LED日光灯管,最后装上LED短接器。
- Method for replacement of traditional T8 tube:
1.Remove the T8 starter. 2. Install LED tube. 3. Install the LED short circuit device.



L/N
AC电源输入端
AC power input

注意/Warning:
此端禁止接入电源线(L/N)
Do Not Connect Power(L/N)
to This Terminal.



订货指南/Order Guide

ERP 产品ERP编码 Product Code	V 输入电压 Supply Voltage	W 功率 Power	替代荧光灯 功率(W) Replace Watts	W 线路功率 Circuit Power	PF 功率因素 Power Factor	Ra 显色指数 CRI	LM 光通量 Flux	K 色温 CCT	直径 D mm Diameter	灯头 base
HQLAT81/8/122/G13 8W										
2611755008	AC100-240	8	18	9.2	≥0.9	80	722	3000	26	G13
2611755009	AC100-240	8	18	9.2	≥0.9	80	779	4000	26	G13
2611755002	AC100-240	8	18	9.2	≥0.9	80	817	6500	26	G13
HQLAT81/12/122/G13 12W										
2611764016	AC100-240	12	30	12.3	≥0.9	80	1092	3000	26	G13
2611764017	AC100-240	12	30	12.3	≥0.9	80	1176	4000	26	G13
2611764007	AC100-240	12	30	12.3	≥0.9	80	1260	6500	26	G13
HQLAT81/15/122/G13 15W										
2611758008	AC100-240	15	36	18.4	≥0.9	80	1400	3000	26	G13
2611758009	AC100-240	15	36	18.4	≥0.9	80	1500	4000	26	G13
2611758007	AC100-240	15	36	18.4	≥0.9	80	1600	6500	26	G13
HQLAT82/8/221/G13 8W										
2611755012	AC220-240	7.5	18	8.5	≥0.7	80	630	3000	26	G13
2611755013	AC220-240	7.5	18	8.5	≥0.7	75	650	4000	26	G13
2611755014	AC220-240	7.5	18	8.5	≥0.7	75	680	6400	26	G13
HQLAT82/10/221/G13 10W										
2611756001	AC220-240	9.5	30	11	≥0.7	80	880	3000	26	G13
2611756002	AC220-240	9.5	30	11	≥0.7	75	900	4000	26	G13
2611756003	AC220-240	9.5	30	11	≥0.7	75	935	6400	26	G13
HQLAT82/13/221/G13 13W										
2611757001	AC220-240	13	36	15	≥0.7	80	1050	3000	26	G13
2611757002	AC220-240	13	36	15	≥0.7	75	1100	4000	26	G13
2611757003	AC220-240	13	36	15	≥0.7	75	1200	6400	26	G13

LED 面板灯系列

LED Panel Light



产品特点/Characteristic

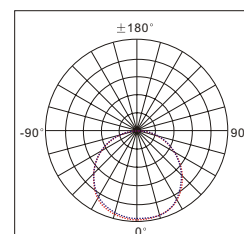
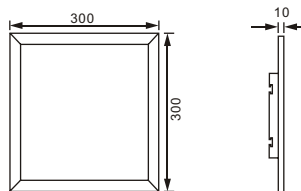
- 产品采用侧面发光，光线柔和清透。整灯光效高达75lm/W，同时显色指数大于80。
- 外置隔离恒流驱动电源，电源的使用寿命高达50000小时，同时电源的转换效率高达88%，安全、节能、稳定，同时提升整灯光效。
- 采用高纯度的散热铝，低热感，同时添加稀土散热材料降低LED光衰，延长整灯寿命。
- 产品采用窄边设计，整灯的厚度只有10mm，外观简洁大方，无眩光。不含任何汞等污染材料，无辐射，营造绿色空间。
- Adopted side glowing creates Even and gentle light effect, Luminous efficiency ≥ 75 lm/w, Ra > 80 .
- Adopted isolated constant current power supply inside to make sure safety, energy-saving, stable performance and high luminous efficiency, long service life ≥ 50000 h, the converting efficiency of power supply reach 88% enhances high Luminous Efficiency.
- Adopted high purity die-casting aluminum as heat sink material, excellent design reduces Lumens depreciation which enhances service life.
- Fashion design with narrow width, thickness of panel light: 10mm; Free from glare and contaminating material like mercury, no radiation.

适用环境/Applications

- 广泛适用于医院、办公楼、酒店灯室内照明场所。
- Suitable for hospital, office building, hotel and indoor illumination.

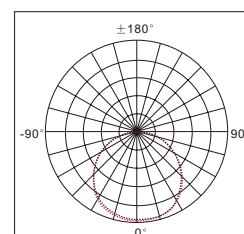
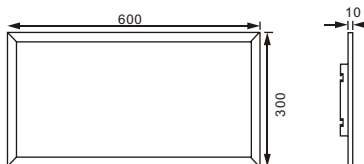
PB01

HQLF12/221/PB01 12W



PB02

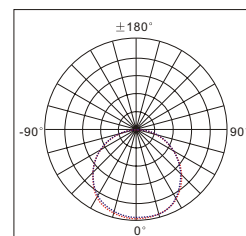
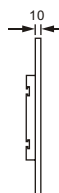
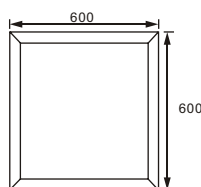
HQLF24/221/PB02 24W



LED 面板灯系列/LED Panel Light

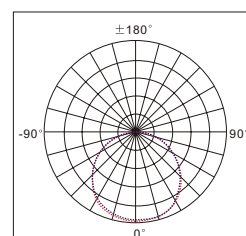
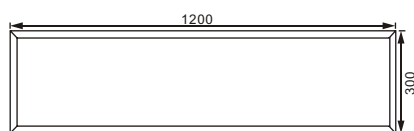
PB03

HQLF36/221/PB03 36W



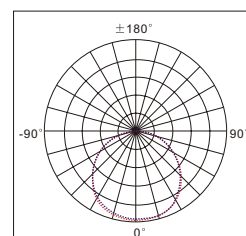
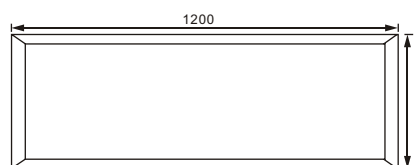
PB04

HQLF36/221/PB04 36W



PB05

HQLF72/221/PB05 72W



LED 面板灯系列/LED Panel Light



节能计算 Energy conservation

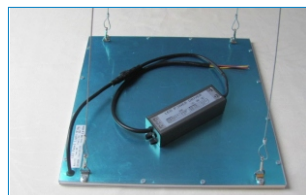
- 300×600 mm 24W LED 面板灯取代 2×18W 胶片格栅灯盘，每只灯能节省 12W 功率。
- 600×600 mm 36W LED 面板灯取代 3×18W 胶片格栅灯盘，每只灯能节省 18W 功率。
- 300×1200 mm 36W LED 面板灯取代 2×36W 胶片格栅灯盘，每只灯能节省 36W 功率。
- 600×1200 mm 72W LED 面板灯取代 3×36W 胶片格栅灯盘，每只灯能节省 36W 功率。
- 每天工作 24 小时，每年工作 365 天，每年工作 8760 小时。
- 300×600 mm 24W LED 面板灯每年可以节约 105 度电；
- 600×600 mm 36W LED 面板灯每年可以节约 158 度电；
- 300×1200 mm 36W LED 面板灯每年可以节约 315 度电；
- 600×1200 mm 72W LED 面板灯每年可以节约 315 度电。
- 可以减少替换次数 5 次。
- 300×600 mm 24W LED Panel Light replaces 2×18W film grille, each saves 12W energy.
- 600×600 mm 36W LED Panel Light replaces 3×18W film grille, each saves 18W energy.
- 300×1200 mm 36W LED Panel Light replaces 2×36W film grille, each saves 36W energy.
- 600×1200 mm 72W LED Panel Light replaces 3×36W film grille, each saves 36W energy.
- Work 24 hours every day, 365 days every year and 8760 hours every year.
- 300×600 mm 24W LED Panel Light Saves 105kWh electricity every year;
- 600×600 mm 36W LED Panel Light Saves 158kWh electricity every year;
- 300×1200 mm 36W LED Panel Light Saves 315kWh electricity every year;
- 600×1200 mm 72W LED Panel Light Saves 315 kWh electricity every year.
- Reduces 5 times for replacement

LED 面板灯系列/LED Panel Light

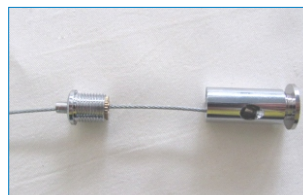
吊装式安装方法/Ceiling mounted installation



1、将螺丝钉与挂绳接头连接好，在天花板上量出合适的位置，打上螺丝孔，并固定好挂绳。
1、Connect screw and lanyard connector, fix ceiling position, drill screw holes and fix lanyard.



2、将挂绳的四个小钩分别连接上背板对应的挂环。
2、Connect 4 hooks and loops on backboard.

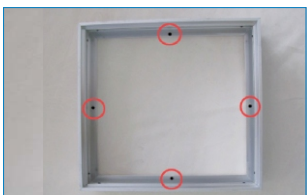


3、将挂绳调至合适的长度。
3、Adjust the lanyard length.



4、安装完毕效果。
4、working sketch.

墙框安装方法/Wall installation



1、将墙框固定于墙上，用笔沿着螺丝孔处标记出打螺丝的位置，在墙上打上螺丝孔。
1、Fix the frame on wall, markscrew holes with a pen, drill holes.



2、用螺丝将墙框固定好后。
2、Fix the frame with screws.

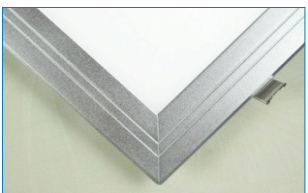


3、将面板灯的背板上的弹簧扣拉开，扣紧墙框。
3、Pull open spring fastener of backboard, tighten the frame.

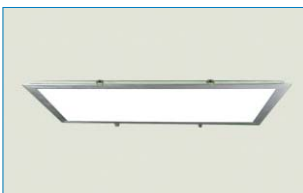
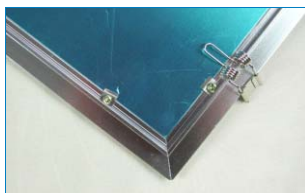


4、安装完毕效果。
4、working sketch.

带弹簧卡安装方法/Spring clip installation



1、把弹簧卡装上面板灯。
1、Attach spring clip to the panel light.



2、把带弹簧卡的面板灯装到天花板上。
2、Install panel light to ceiling.

订货指南/Order Guide

ERP	V	V	W	替代胶片 格栅灯盘 功率(W) Replace Watts	W	Ra	LM	K	L mm	W mm	发光角度 Beam Angle	h 设计寿命 Life	H mm 高度 Height
产品ERP编码 Product Code	额定电压 Rated Voltage	最大工作电压范围 Max. Operation Voltage range	功率 Power		线路功率 Circuit Power	显色指数 CRI	光通量 Flux	色温 CCT	长度 Length	宽度 Width			
HQLF12/221/PB01 12W													
---	AC220-240	AC100-240	12	---	14	80	800	3000	300	300	120	50000	16
---	AC220-240	AC100-240	12	---	14	75	820	4000	300	300	120	50000	16
---	AC220-240	AC100-240	12	---	14	75	850	6500	300	300	120	50000	16
HQLF24/221/PB02 24W													
---	AC220-240	AC100-240	24	2×18	26	80	1800	3000	600	300	120	50000	16
---	AC220-240	AC100-240	24	2×18	26	75	1900	4000	600	300	120	50000	16
---	AC220-240	AC100-240	24	2×18	26	75	2000	6500	600	300	120	50000	16
HQLF36/221/PB03 36W													
---	AC220-240	AC100-240	36	3×18	40	80	2900	3000	600	600	120	50000	16
---	AC220-240	AC100-240	36	3×18	40	75	3000	4000	600	600	120	50000	16
---	AC220-240	AC100-240	36	3×18	40	75	3100	6500	600	600	120	50000	16
HQLF36/221/PB04 36W													
---	AC220-240	AC100-240	36	2×36	40	80	2900	3000	1200	300	120	50000	16
---	AC220-240	AC100-240	36	2×36	40	75	3000	4000	1200	300	120	50000	16
---	AC220-240	AC100-240	36	2×36	40	75	3100	6500	1200	300	120	50000	16
HQLF72/221/PB05 72W													
---	AC220-240	AC100-240	70	3×36	75	80	5800	3000	1200	600	120	50000	16
---	AC220-240	AC100-240	70	3×36	75	75	6000	4000	1200	600	120	50000	16
---	AC220-240	AC100-240	70	3×36	75	75	6100	6500	1200	600	120	50000	16

LED 嵌入式方型射灯

LED Recessed Downlight

产品特点/Characteristic

- 采用高品质大功率光源，发出媲美节能灯的均匀柔和光线。
- 外置隔离恒流驱动电源，安全就能，性能稳定同时提升整灯光效。
- 低热感，延长整灯使用寿命。
- 外观精致，无眩光，无噪音，无紫外，无辐射，绿色商业。
- Adopted high power good quality LED chip, creates even and gentle light effect which close to compact fluorescent lamps.
- Adopted isolated constant current power supply outside to make sure safety, energy-saving, stable performance and high luminous efficiency.
- New heat sink material, excellent design enhances service life.
- Modern industrialized fashion design, free from noise, UV radiation.



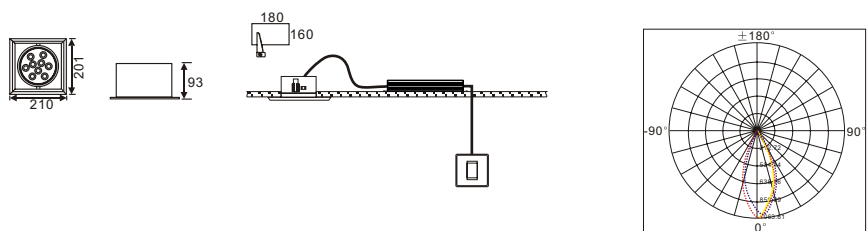
适用环境/Applications

- 广泛适用于超级商场，橱窗、专卖店、汽车卖场，公司前台、展厅，博物馆等场所。
- Supermarket, shopping mall, Showcase, stores, showroom, and museum etc.

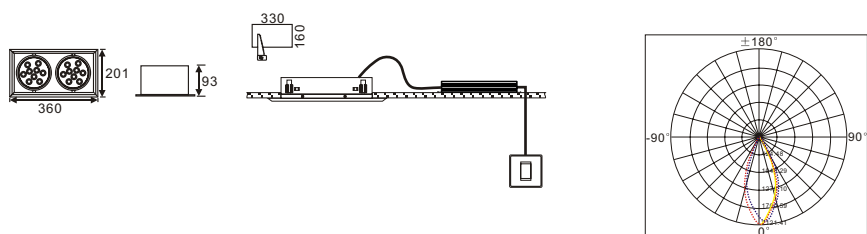
SD405F SD404F



HQLF9/221/SD405F 9W



HQLF18/221/SD404F 18W

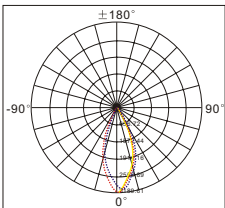
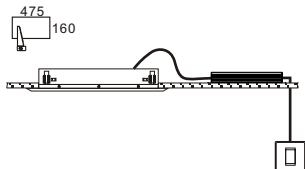
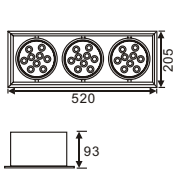


LED嵌入式方型射灯/LED Recessed Downlight

SD403F



HQLF27/221/SD403F 27W



订货指南/Order Guide

 产品ERP编码 Product Code	 额定电压 Rated Voltage	 最大工作电压范围 Max. Operation voltage range	 功率 Power	 线路功率 Circuit Power	 功率因素 Power Factor	 LED颗粒数 LED amount	 显色指数 CRI	 光通量 Flux	 色温 CCT	 发光角度 Beam Angle	 设计寿命 Service life	 IP等级 IP Rating
HQLF9/221/SD405F 晶元 9W												
2551640015	AC220-240V	AC100-240V	9	12	≥0.70	9	≥80	620	3000	30	50000	IP20
2551640016	AC220-240V	AC100-240V	9	12	≥0.70	9	≥75	660	4000	30	50000	IP20
2551640017	AC220-240V	AC100-240V	9	12	≥0.70	9	≥75	750	6500	30	50000	IP20
HQLF18/221/SD404F 晶元 18W												
2551643009	AC220-240V	AC100-240V	18	21	≥0.95	18	≥80	1160	3000	30	50000	IP20
2551643010	AC220-240V	AC100-240V	18	21	≥0.95	18	≥75	1320	4000	30	50000	IP20
2551643011	AC220-240V	AC100-240V	18	21	≥0.95	18	≥75	1580	6500	30	50000	IP20
HQLF27/221/SD403F 晶元 27W												
2551675004	AC220-240V	AC100-240V	27	31.5	≥0.95	27	≥80	1740	3000	30	50000	IP20
2551675002	AC220-240V	AC100-240V	27	31.5	≥0.95	27	≥75	1980	4000	30	50000	IP20
2551675003	AC220-240V	AC100-240V	27	31.5	≥0.95	27	≥75	2250	6500	30	50000	IP20



LED 导轨射灯

LED Track Light

产品特点/Characteristic

- 采用进口LED光源，媲美陶瓷金卤光源。
- 内置隔离恒流驱动电源，大大降低产品的温度，延长整灯寿命。
- 即点即亮，无眩光，无辐射，营造舒适环境。
- Used imported good quality LED chip, creates even and gentle light effect which close to ceramic metal halide lamps.
- Adopted isolated constant current power supply inside to reduce product temperature greatly, which enhanced service life.
- Starting time less than 1.5s, free from glare and UV radiation.

适用环境/Applications

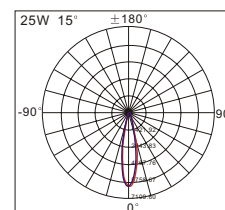
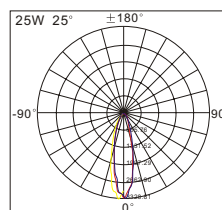
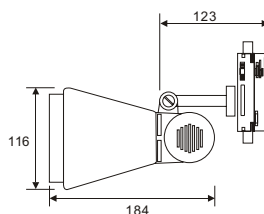
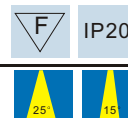
- 广泛适用于商场，橱窗，专卖店，娱乐场所，汽车专卖，展厅，博物馆等。
- Shopping mall, Showcase, stores, showroom, and museum etc.



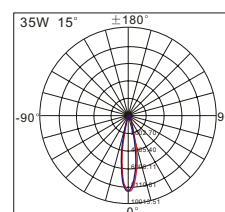
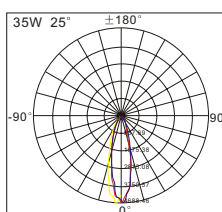
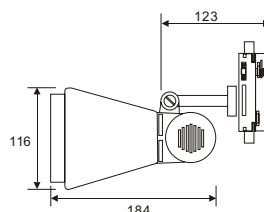
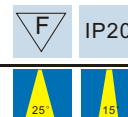
SD01



HQLF25/221/SD01 25W



HQLF35/221/SD01 35W



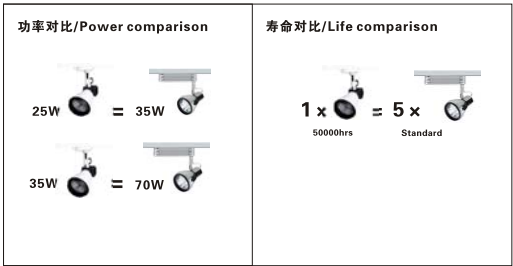
LED导轨射灯/LED Track Light

节能计算

- 25WLED 轨道射灯取代35W金卤射灯，每只灯能节省10W能量。
- 35WLED 轨道射灯取代70W金卤射灯，每只灯能节省35W能量。
- 每天工作24小时，每年工作365天，每年工作8760小时。
- 每年可以节约87度电(25W),306度电(35W)。
- 可以减少替换次数5次。

Energy conservation

- 25W LED Track Light replaces 35W metal halide spotlight, each saves 10W energy.
- 35W LED Track Light replaces 70W metal halide spotlight, each saves 35W energy.
- Work 24 hours every day, 365 days every year and 8760 hours every year.
- Saves 87/306 kWh electricity every year.
- Reduces 5 times for replacement.



订货指南/Order Guide

ERP	V	V	W	替代金卤射灯功率(W) Replace Watts	W	PF	Ra	LM	K	发光角度 Beam Angle	可选角度 Optional Angle	h	灯头 base
产品ERP编码 Product Code	额定电压 Rated Voltage	最大工作电压范围 Max. Operation voltage range	功率 Power		线路功率 Circuit Power	功率因素 Power Factor	显色指数 CRI	光通量 Flux	色温 CCT			设计寿命 Life	
HQLF25/221/SD01 CREE 25W													
2551678004	AC220-240V	---	25	35	30	≥0.95	80	1180	3000	25	15	50000	E27
2551678005	AC220-240V	---	25	35	30	≥0.95	75	1250	4000	25	15	50000	E27
2551678006	AC220-240V	---	25	35	30	≥0.95	75	1350	6500	25	15	50000	E27
HQLF25/221/SD01 晶元 25W													
2551678007	AC220-240V	---	25	35	30	≥0.95	80	1180	3000	25	15	50000	E27
2551678008	AC220-240V	---	25	35	30	≥0.95	75	1250	4000	25	15	50000	E27
2551678009	AC220-240V	---	25	35	30	≥0.95	75	1350	6500	25	15	50000	E27
HQLF35/221/SD01 CREE 35W													
2551602002	AC220-240V	---	30	70	35	≥0.95	80	1400	3000	25	15	50000	E27
2551602003	AC220-240V	---	30	70	35	≥0.95	75	1500	4000	25	15	50000	E27
2551602004	AC220-240V	---	30	70	35	≥0.95	75	1600	6500	25	15	50000	E27
HQLF35/221/SD01 晶元 35W													
2551602005	AC220-240V	---	30	70	35	≥0.95	80	1400	3000	25	15	50000	E27
2551602006	AC220-240V	---	30	70	35	≥0.95	75	1500	4000	25	15	50000	E27
2551602007	AC220-240V	---	30	70	35	≥0.95	75	1600	6500	25	15	50000	E27

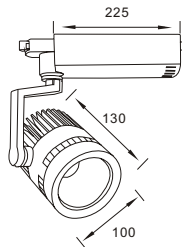
COB导轨射灯/COB Track Light

SD40 SD41 SD43



HQLF35/221/SD40 35W

F IP20

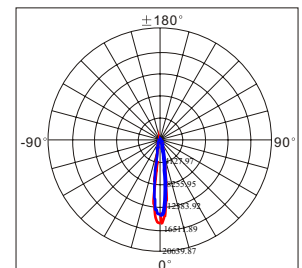
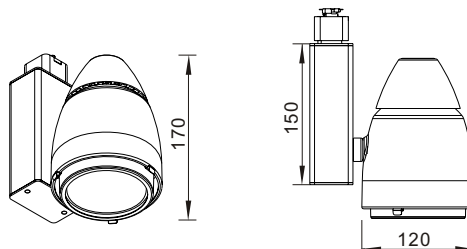


1m	1237 LUX	97.01cm
2m	326 LUX	195.23cm
3m	151 LUX	293.44cm
Height	Beam Angle:45°	Diameter



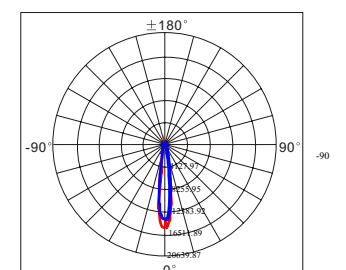
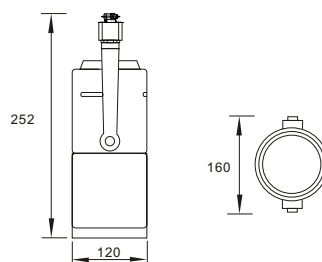
HQLF25/221/SD41 30W

F IP20



HQLF30/221/SD43 30W

F IP20



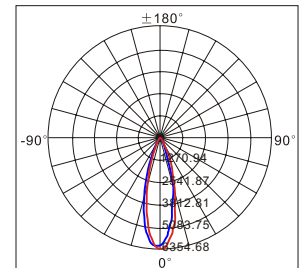
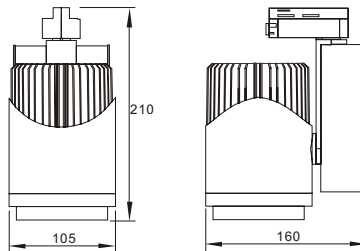
COB导轨射灯/COBTrack Light

SD44 SD45 SD46



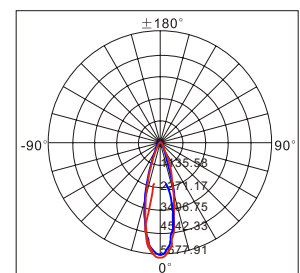
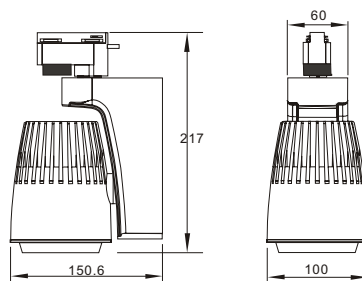
HQLF50/221/SD44 50W

F IP20



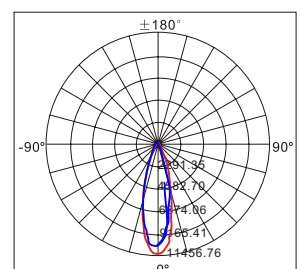
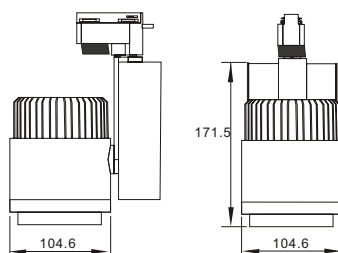
HQLF30/221/SD45 30W

F IP20



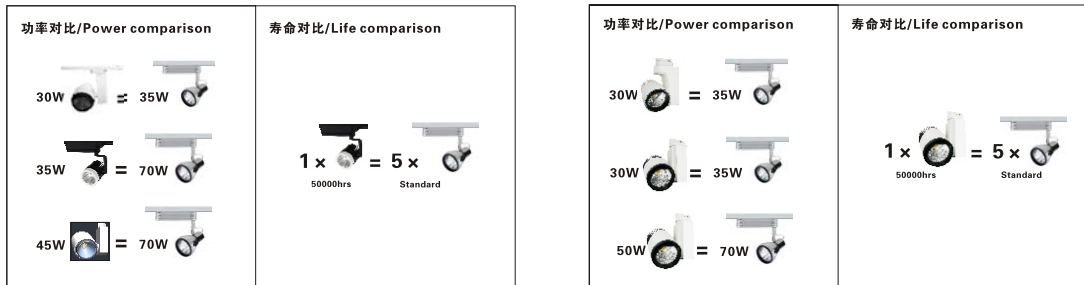
HQLF30/221/SD46 30W

F IP20



COB导轨射灯/COB Track Light

节能计算/Energy conservation



订货指南/Order Guide

ERP	V	V	W	替代金卤射灯功率(W)	W	PF	Ra	LM	K	发光角度	可选角度	h
产品ERP编码 Product Code	额定电压 Rated Voltage	最大工作电压范围 Max. Operation voltage range	功率 Power	Replace Watts	线路功率 Circuit Power	功率因素 Power Factor	显色指数 CRI	光通量 Flux	色温 CCT	Beam Angle	Optional Angle	设计寿命 Life
HQLF35/221/SD40 35W												
2551602010	AC220-240V	AC100-240V	30	70	35	≥ 0.95	80	2065	3000	24	12	50000
2551602011	AC220-240V	AC100-240V	30	70	35	≥ 0.95	75	2130	4000	24	12	50000
2551602012	AC220-240V	AC100-240V	30	70	35	≥ 0.95	75	2230	6500	24	12	50000
HQLF30/221/SD41 30W												
---	AC220-240V	AC100-240V	30	35	34	≥ 0.95	80	1920	3000	24	12/36	50000
---	AC220-240V	AC100-240V	30	35	34	≥ 0.95	80	2010	4000	24	12/36	50000
---	AC220-240V	AC100-240V	30	35	34	≥ 0.95	80	2100	6500	24	12/36	50000
HQLF30/221/SD43 30W												
---	AC220-240V	AC100-240V	30	35	34	≥ 0.95	80	1920	3000	24	12/36	50000
---	AC220-240V	AC100-240V	30	35	34	≥ 0.95	80	2010	4000	24	12/36	50000
---	AC220-240V	AC100-240V	30	35	34	≥ 0.95	80	2100	6500	24	12/36	50000
HQLF50/221/SD44 50W												
---	AC220-240V	AC100-240V	44	70	50	≥ 0.95	80	3360	3000	30	---	50000
---	AC220-240V	AC100-240V	44	70	50	≥ 0.95	80	3450	4000	30	---	50000
---	AC220-240V	AC100-240V	44	70	50	≥ 0.95	80	3550	6500	30	---	50000
HQLF30/221/SD45 30W												
---	AC220-240V	AC100-240V	26	35	30	≥ 0.95	80	1850	3000	24	---	50000
---	AC220-240V	AC100-240V	26	35	30	≥ 0.95	80	1900	4000	24	---	50000
---	AC220-240V	AC100-240V	26	35	30	≥ 0.95	80	2000	6500	24	---	50000
HQLF30/221/SD46 30W												
---	AC220-240V	AC100-240V	26	35	30	≥ 0.95	80	1850	3000	24	---	50000
---	AC220-240V	AC100-240V	26	35	30	≥ 0.95	80	1900	4000	24	---	50000
---	AC220-240V	AC100-240V	26	35	30	≥ 0.95	80	2000	6500	24	---	50000

*以上产品编码属于对应的发光角度产品，订货时请注明发光角度。

Above order code is corresponding to different beam angle, customers should state the beam angle while placing.

太阳能照明

Solar Energy Lighting



产品特点/Characteristic

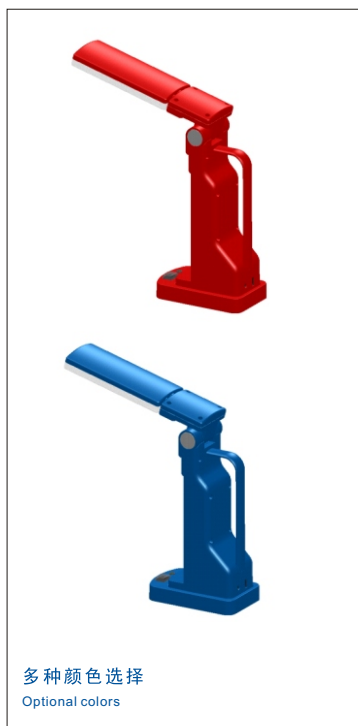
- 以太阳光作为能源，利用太阳能电池板给锂电池充电，把太阳能转换化学能储存在锂电池中，晚间使用时以锂电池作为电源给LED灯提供能量，把锂电池中的化学能转变成光能，使照明灯工作。
- 太阳能亮化照明技术具有一次性投资、无长期运行费用、使用方便、免维护、使用寿命长等特点，不会对环境造成污染。
- 点灯不花钱——太阳能供电
- 停电长明灯——完全具应急灯功能
- 超长寿命灯——低电压小电流供电，光衰系数远小于荧光灯
- 低压安全灯——低压供电无安全隐患
- Adopted solar power as energy, using solar power to charge and store energy in the lithium battery, then the fully charged lithium battery will be the power supply to LED chip at night.
- Solar energy lighting technology is characterized by one-off investment, no long-term operating cost, convenient to use, maintenance-free and long service life. Moreover, such technology will not contaminate environment.
- Free of charge--solar power supply.
- Emergency light for power failure--equipped with emergency light function.
- Long service life--low voltage power supply, lower lumens depreciation than the fluorescent lamps.
- Low voltage light--free from safety hazard.

适用环境/Applications

- 适用于户内照明、露营以及应急照明。
- Indoor lighting, camping and emergency lighting.



太阳能LED台灯/Solar Energy LED Portable Lamp



ST02/2W

IP20

太阳能LED台灯/Solar Energy LED Portable Lamp

产品特点:

灯具防护灯具:IP20

材质:PC+ABS

颜色:根据客户需求而定

功能描述:

- 1.光源可旋转350度, 实现多角度照射
- 2.可像壁灯一样安装在墙上
- 3.具备节能半功率调控开关

CHARACTERISTIC:

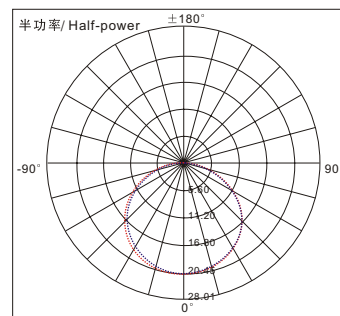
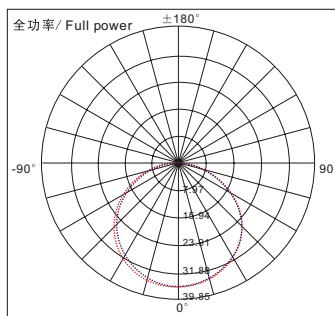
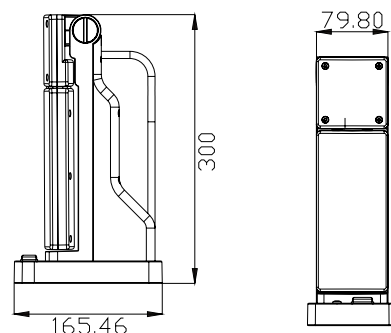
Protection Class:IP20

Material:PC+ABS

Color:To be determined

Function Description:

- 1.Light source can be rotated 350 degrees,and achieve multi-angle light
- 2.It can be fixed on the wall as wall lamp
- 3.With half-power energy-saving switch



订货指南/Order Guide

ERP	V	W	W	PF	PCS	Ra	LM	K	Beam Angle	h	h	IP
产品ERP编码 Product Code	输入电压 Supply Voltage	功率 Power	线路功率 Circuit Power	功率因素 Power Factor	LED颗粒数 LED amount	显色指数 CRI	光通量 Flux	色温 CCT	发光角度 Beam Angle	持续照明时间 lighting time	设计寿命 Service life	IP等级 IP Rating

HQLF2/C16/ST02/ 2W

2591673003	DC12V	2	2.8	≥0.95	33	≥75	180	3000	120°	9	30000	IP20
2591673004	DC12V	2	2.8	≥0.95	33	≥75	200	4000	120°	9	30000	IP20
2591673005	DC12V	2	2.8	≥0.95	33	≥75	220	6500	120°	9	30000	IP20

太阳能电池板参数/parameter for solar panel

电池板尺寸 Solar panel size	电池片片数 Cell quantity	电池片规格 Cell specification	功率公差 Power tolerance	电压温度系数 Voltage temperature coefficient	功率温度系数 Power temperature coefficient	常规工作温度 Regular working temperature	
288x180x15mm	32in series	156多晶三线(multi chip three line)	±%3	-33%℃	-0.23%℃	15±2%℃	
峰值功率 Peak power	工作电流 Woring current	开路电压 Opencircuit voltage	工作电压 Working voltage	短路电压 Short circuit voltage	工作温度 Woring temperature	组件规格 Module specification	最大系统电压 Max system voltage
4W	0.25A	18.56V	16V	0.28V	-40~-+85℃	SFP-4	1000V DC

太阳能LED手提灯/Solar Energy LED Portable Lamp



ST03/2W

IP20

产品特点:

灯具防护灯具:IP20

材质:PC+ABS

颜色:根据客户需求而定

功能描述:

- 1.可为其他移动设备充电 (USB)
- 2.外形轻巧, 携带方便, 多种颜色选择, 是你居家外出的首选。
- 3.灯具有吊装功能
- 4.具备节能半功率调控开关

CHARACTERISTIC:

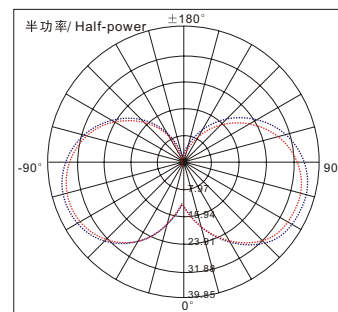
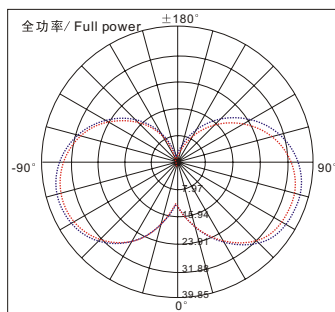
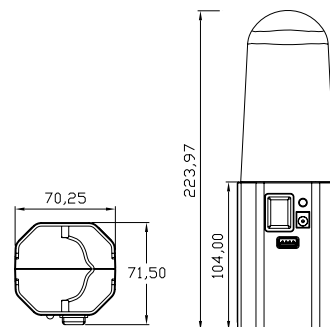
Protection Class:IP20

Material:PC+ABS

Color:To be determined

Function Description:

- 1.This product can be hung as mounting way.
- 2.ligti and thin,easy to carry,choice of colors
- 3.With half-power energy-saving switch



订货指南/Order Guide

ERP	V	W	W	PF	PCS	Ra	LM	K	h	h	IP
产品ERP编码 Product Code	输入电压 Supply Voltage	功率 Power	线路功率 Circuit Power	功率因素 Power Factor	LED颗粒数 LED amount	显色指数 CRI	光通量 Flux	色温 CCT	持续照明时间 lighting time	设计寿命 Service life	IP等级 IP Rating

HQLF2/C16/ST03/ 2W

2591673006	DC12V	2	2.8	≥0.95	33	≥75	180	3000	9	30000	IP20
2591673007	DC12V	2	2.8	≥0.95	33	≥75	200	4000	9	30000	IP20
2591673001	DC12V	2	2.8	≥0.95	33	≥75	220	6500	9	30000	IP20

太阳能电池板参数/parameter for solarpanel

电池板尺寸 Solar panel size	电池片片数 Cell quantity	电池片规格 Cell specification	功率公差 Power tolerance	电压温度系数 Voltage temperature coefficient	功率温度系数 Power temperature coefficient	常规工作温度 Regular working temperature	
288x180x15mm	32in series	156多晶三线(multi chip three line)	±%3	-33%℃	-0.23%℃	15±2%℃	
峰值功率 Peak power	工作电流 Woring current	开路电压 Opencircuit voltage	工作电压 Working voltage	短路电压 Short circuit voltage	工作温度 Woring temperature	组件规格 Module specification	最大系统电压 Max system voltage
4W	0.25A	18.56V	16V	0.28V	-40~-+85℃	SFP-4	1000V DC

太阳能LED手提灯/Solar Energy LED Portable Lamp

ST04/2W

IP20

产品特点:

灯具防护灯具:IP20

材质:PC+ABS

颜色:根据客户需求而定

功能描述:

- 1.可为其他移动设备充电 (USB)
- 2.外形轻巧, 携带方便, 多种颜色选择, 是你居家外出的首选。
- 3.具备节能半功率调控开关

CHARACTERISTIC:

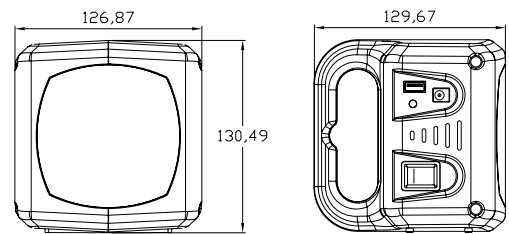
Protection Class:IP20

Material:PC+ABS

Color:To be determined

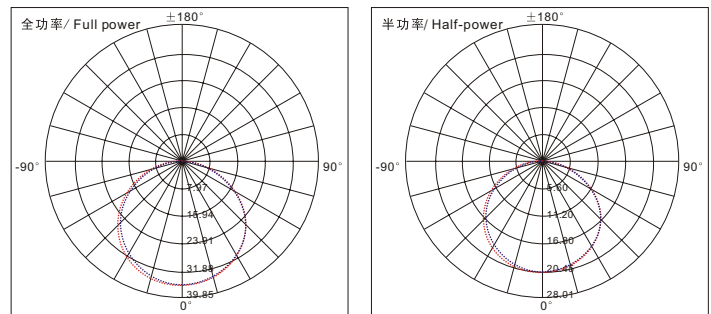
Function Description:

1. This product can be hung as mounting way.
2. light and thin, easy to carry, choice of colors
3. With half-power energy-saving switch



多种颜色选择
Optional colors

太阳能电池板
solar panel



订货指南/Order Guide

ERP	V	W	W	PF	PCS	Ra	LM	K	h	h	h	IP
产品ERP编码 Product Code	输入电压 Supply Voltage	功率 Power	线路功率 Circuit Power	功率因素 Power Factor	LED颗粒数 LED amount	显色指数 CRI	光通量 Flux	色温 CCT	发光角度 Beam Angle	持续照明时间 lighting time	设计寿命 Service life	IP等级 IP Rating

HQLF2/C16/ST04/ 2W

2591673008	DC12V	2	2.8	≥0.95	36	≥75	200	3000	120°	9	30000	IP20
2591673009	DC12V	2	2.8	≥0.95	36	≥75	210	4000	120°	9	30000	IP20
2591673002	DC12V	2	2.8	≥0.95	36	≥75	230	6500	120°	9	30000	IP20

太阳能电池板参数/parameter for solar panel

电池板尺寸 Solar panel size	电池片片数 Cell quantity	电池片规格 Cell specification	功率公差 Power tolerance	电压温度系数 Voltage temperature coefficient	功率温度系数 Power temperature coefficient	常规工作温度 Regular working temperature	
288x180x15mm	32in series	156多晶三线(multi chip three line)	±3	-33%℃	-0.23%℃	15±2%℃	
峰值功率 Peak power	工作电流 Woring current	开路电压 Opencircuit voltage	工作电压 Working voltage	短路电压 Short circuit voltage	工作温度 Woring temperature	组件规格 Module specification	最大系统电压 Max system voltage
4W	0.25A	18.56V	16V	0.28V	-40~+85℃	SFP-4	1000V DC



LED Decorative Lighting Series

LED装饰照明系列



LED 软灯带系列

LED SMD Flexible Strip

产品特点/Characteristic

采用超薄FPC为基板，可随意弯曲，可任意固定在凹凸面上，体积小巧，颜色丰富。
 单色3528/5050，每6个LED为一段，使用电压DC24V GB5050，每3个LED为一段，使用电压DC12V。
 软性印制电路板，可根据使用长度要求，在每个单元之间切线处随意剪断或连接，均能正常工作。每卷最多5米，超出部分应并联连接电源。
 使用DC12V/DC24V安全电压，安全可靠。背面带双面胶，用于粘贴，体积小，安装方便，可撕开保护层贴在任何地方。
 防静电包装，使用寿命长。
 防水型SMD软灯带，防护等级高达IP67，完全满足室内，外亮化光源安装使用标准。

Adopt ultra-thin FPC as the mother board, can be bent as you like, can be fixed at any irregular place, with rich color.
 Every 3 LEDs is a unit, flexible printed circuit, can be cut and connected as you like. Max length is 5M/reel. More than 5M, need parallel connection.
 DC12V/DC24V, save to people. 3M adhesive tape on backside, easy to install. can be fixed at any place.
 Electrostatic-proof package, long life span
 Water proof SMD LED flexible strip, the protection level is IP67, completely suit the indoor and outdoor install.

产品应用/Application

户外照明：外缘照明、装饰建筑物装饰照明、标志照明、指示牌、路径和轮廓标志、水下工程照明；
 广告照明：广告字的背光源、超薄灯箱、发光字、发光招牌；
 室内装饰：高档专卖店、商场等室内商业气氛照明、汽车装饰、走廊照明、楼梯照明、隐蔽位置照明、家居装饰照明、室内暗槽、橱窗装饰。
 气氛照明：酒吧、KTV、咖啡厅等休闲娱乐场所的气氛渲染、美容院照明、工艺品照明。

Outdoor: Edge, decoration building, sign, route and profile, underwater project
 Sign: Back-light, letter, box, sign.
 Indoor: Monopoly shop, market, car, gallery, stair, furniture, channel, shop-window
 Atmosphere: Club, KTV, coffee cafe, beauty, parlor, artwork light source.

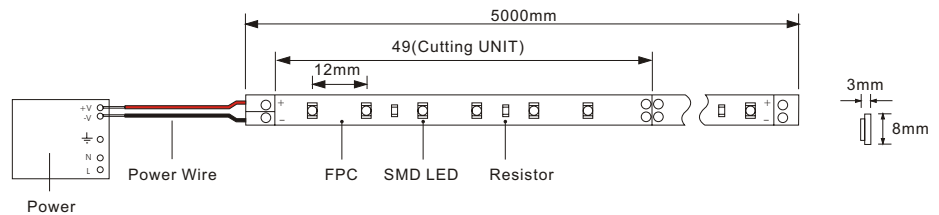
XT50

3528 单色(single color)



裸露型
Bare

HQLF10/D24/XT50-5000B 3528 8W/M
裸露型/单色 (bare/single color)



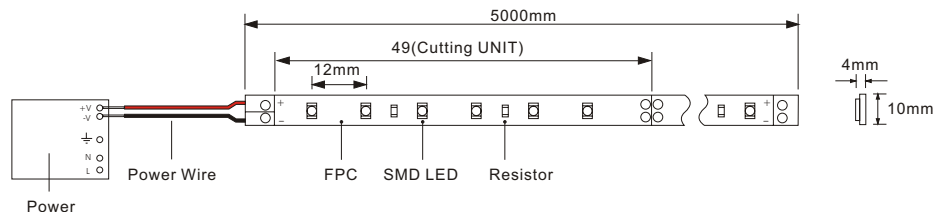
注：电源功率足够大的情况下，灯带最大串接数量为10m
 Remark: Under the condition of high power, lamps with series connection can be 10m at the most.

3528 单色(single color)



套管型
Casing

HQLF10/D24/XT50-5000C 3528 8W/M
套管型/单色(casing/single color)



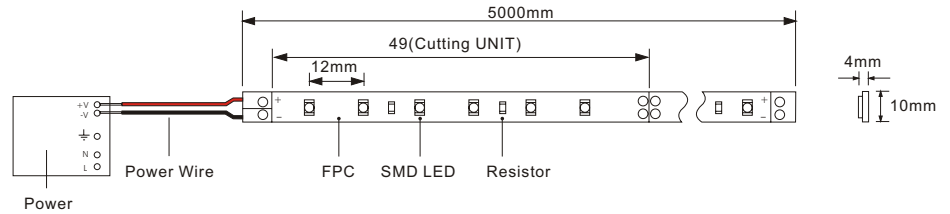
注：电源功率足够大的情况下，灯带最大串接数量为10m
 Remark: Under the condition of high power, lamps with series connection can be 10m at the most.

LED软灯带系列/LED SMD Flexible Strip

3528 单色(single color)



HQLF10/D24/XT50-5000D 3528 8W/M
滴胶型/单色(dipping/single color)



注：电源功率足够大的情况下，灯带最大串接数量为10m

Remark: Under the condition of high power, lamps with series connection can be 10m at the most.

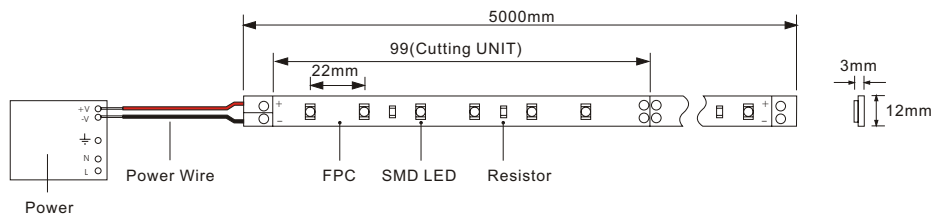


XT51

5050 单色(single color)



HQLF15/D24/XT51-5000B 5050 10W/M
裸露型/单色 (bare/single color)



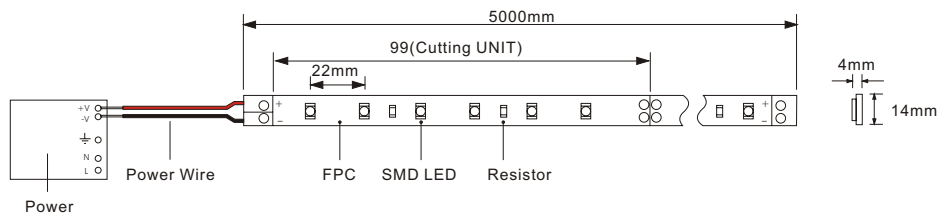
注：电源功率足够大的情况下，灯带最大串接数量为10m

Remark: Under the condition of high power, lamps with series connection can be 10m at the most.

5050 单色(single color)



HQLF15/D24/XT51-5000C 5050 10W/M
套管型/单色(casing/single color)



注：电源功率足够大的情况下，灯带最大串接数量为10m

Remark: Under the condition of high power, lamps with series connection can be 10m at the most.

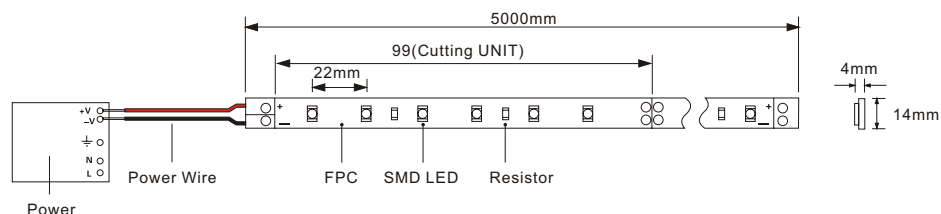
LED软灯带系列/LED SMD Flexible Strip

XT51

5050 单色(single color)



HQLF15/D24/XT51-5000D 5050 10W/M
滴胶型/单色(dipping/single color)

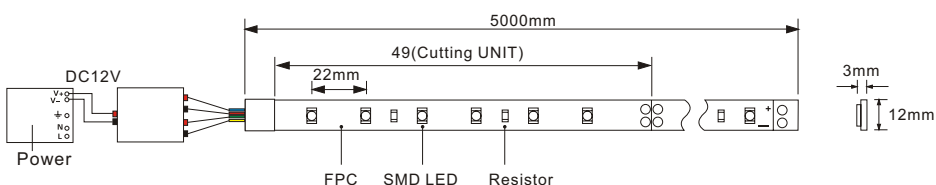


注：电源功率足够大的情况下，灯带最大串接数量为10m
Remark: Under the condition of high power, lamps with series connection can be 10pcs at the most.

5050 RGB



HQLF15/D12/XT51-5000B 5050 10W/M
裸露型/RGB(bare/RGB)

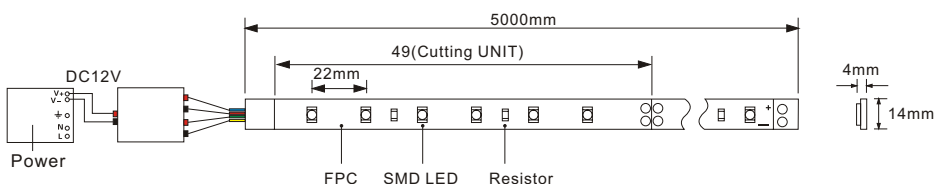


注：电源功率足够大的情况下，灯带最大串接数量为10m
Remark: Under the condition of high power, lamps with series connection can be 10pcs at the most.

5050 RGB



HQLF15/D12/XT51-5000C 5050 10W/M
套管型/RGB(casing/RGB)

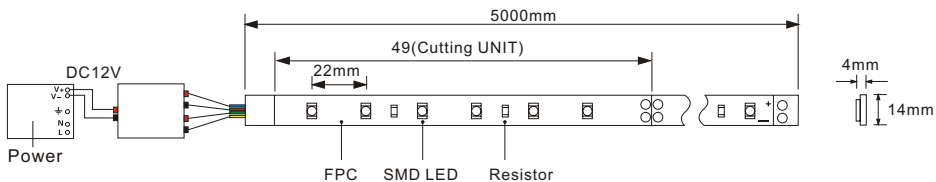


注：电源功率足够大的情况下，灯带最大串接数量为10m
Remark: Under the condition of high power, lamps with series connection can be 10pcs at the most.

5050 RGB



HQLF15/D12/XT51-5000D 5050 10W/M
滴胶型/RGB(dipping/RGB)



注：电源功率足够大的情况下，灯带最大串接数量为10m
Remark: Under the condition of high power, lamps with series connection can be 10pcs at the most.

LED软灯带系列/LED SMD Flexible Strip

订货指南/Order Guide

ERP 产品ERP编码 Product Code	V 输入电压 Supply Voltage	W 功率 Power	PCS LED数量 LED amount	Ra 显色指数 CRI	LM 光通量 Flux	K 色温 CCT	Color 发光颜色	Beam Angle 发光角度	h 设计寿命 Life	IP IP等级 IP Rating
HQLF10/D24/XT50-5000B 3528 8W/M 裸露型/单色(bare/single color)										
2511656013	DC24	8/M	120/M	---	---	---	R	120	50000	IP20
2511656014	DC24	8/M	120/M	---	---	---	G	120	50000	IP20
2511656015	DC24	8/M	120/M	---	---	---	B	120	50000	IP20
2511656016	DC24	8/M	120/M	85	600/M	3000	WW	120	50000	IP20
2511656017	DC24	8/M	120/M	70	650/M	4000	NW	120	50000	IP20
2511656018	DC24	8/M	120/M	70	700/M	6500	CW	120	50000	IP20
HQLF10/D24/XT50-5000C 3528 8W/M 套管型/单色(casing/single color)										
2511656019	DC24	8/M	120/M	---	---	---	R	120	50000	IP54
2511656020	DC24	8/M	120/M	---	---	---	G	120	50000	IP54
2511656021	DC24	8/M	120/M	---	---	---	B	120	50000	IP54
2511656022	DC24	8/M	120/M	75	580/M	3000	WW	120	50000	IP54
2511656023	DC24	8/M	120/M	70	630/M	4000	NW	120	50000	IP54
2511656024	DC24	8/M	120/M	70	680/M	6500	CW	120	50000	IP54
HQLF10/D24/XT50-5000D 3528 8W/M 滴胶型/单色(dipping/single color)										
2511656025	DC24	8/M	120/M	---	---	---	R	120	50000	IP67
2511656026	DC24	8/M	120/M	---	---	---	G	120	50000	IP67
2511656027	DC24	8/M	120/M	---	---	---	B	120	50000	IP67
2511656028	DC24	8/M	120/M	75	580/M	3000	WW	120	50000	IP67
2511656029	DC24	8/M	120/M	70	630/M	4000	NW	120	50000	IP67
2511656030	DC24	8/M	120/M	70	680/M	6500	CW	120	50000	IP67
HQLF15/D24/XT51-5000B 5050 10W/M 裸露型/单色(bare/single color)										
2511658014	DC24	10/M	60/M	---	---	---	R	120	50000	IP20
2511658015	DC24	10/M	60/M	---	---	---	G	120	50000	IP20
2511658016	DC24	10/M	60/M	---	---	---	B	120	50000	IP20
2511658017	DC24	10/M	60/M	75	700/M	3000	WW	120	50000	IP20
2511658018	DC24	10/M	60/M	70	750/M	4000	NW	120	50000	IP20
2511658019	DC24	10/M	60/M	70	780/M	6500	CW	120	50000	IP20
HQLF15/D24/XT51-5000C 5050 10W/M 套管型/单色(casing/single color)										
2511658020	DC24	10/M	60/M	---	---	---	R	120	50000	IP54
2511658021	DC24	10/M	60/M	---	---	---	G	120	50000	IP54
2511658022	DC24	10/M	60/M	---	---	---	B	120	50000	IP54
2511658023	DC24	10/M	60/M	75	680/M	3000	WW	120	50000	IP54
2511658024	DC24	10/M	60/M	70	700/M	4000	NW	120	50000	IP54
2511658025	DC24	10/M	60/M	70	730/M	6500	CW	120	50000	IP54
HQLF15/D24/XT51-5000D 5050 10W/M 滴胶型/单色(dipping/single color)										
2511658026	DC24	10/M	60/M	---	---	---	R	120	50000	IP67
2511658027	DC24	10/M	60/M	---	---	---	G	120	50000	IP67
2511658028	DC24	10/M	60/M	---	---	---	B	120	50000	IP67
2511658029	DC24	10/M	60/M	75	680/M	3000	WW	120	50000	IP67
2511658030	DC24	10/M	60/M	70	700/M	4000	NW	120	50000	IP67
2511658031	DC24	10/M	60/M	70	730/M	6500	CW	120	50000	IP67
HQLF15/D12/XT51-5000B 5050 10W/M 裸露型/RGB(bare/RGB)										
2511658034	DC12	10/M	60/M	---	---	---	RGB	120	50000	IP20
HQLF15/D12/XT51-5000C 5050 10W/M 套管型/RGB(casing/RGB)										
2511658032	DC12	10/M	60/M	---	---	---	RGB	120	50000	IP54
HQLF15/D12/XT51-5000D 5050 10W/M 滴胶型/RGB(dipping/RGB)										
2511658033	DC12	10/M	60/M	---	---	---	RGB	120	50000	IP67

LED 暗槽灯

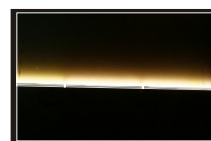
LED Cove Light

产品特点/Characteristic

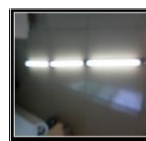
- 光束与荧光灯一样柔和，连接区无暗区，暖白光和冷白光可选。
- 外置隔离恒流驱动电源，安全节能，性能稳定，同时提升整灯光效。
- 低热感、散热效果好，延长整灯寿命。
- Even and gentle light effect which close to compact fluorescent lamps, avoid dark space, optional for warm white and cold white.
- Adopted isolated constant current power supply outside to make sure safety, energy-saving, stable performance and high luminous efficiency.
- Adopted New heatsink material, excellent heat dissipation.

适用环境/Applications

- 适用于酒店、餐饮、家居、商场等。
- Hotel, restaurant, shopping mall and household etc.



中照品牌:连接区无暗区



其他品牌:连接区有明显暗区

XT04

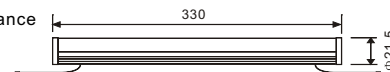


HQLF5/D24/XT04-330B 5W

F IP20

产品特点:
灯体采用优质铝合金和乳白PC透光罩，散热结构优化设计。
灯具颜色：沙纹灰。
电气绝缘等级：Class I，RGB为Class III。
灯具防护等级：IP20。
灯具防腐等级：WF1。
灯具使用寿命：≥50000小时(正常使用情况下)。

CHARACTERISTIC:
Light body adopted high-quality aluminum and white PC transmittance cover, optimize radiating structural design.
Color: ripple ash
Electrical insulation class: Class I RGB: Class III.
IP class: Ip20
Antiseptis class: Wf1
Service life: ≥50000h (under normal use)

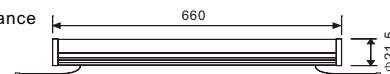


HQLF10/D24/XT04-660B 10W

F IP20

产品特点:
灯体采用优质铝合金和乳白PC透光罩，散热结构优化设计。
灯具颜色：沙纹灰。
电气绝缘等级：Class I，RGB为Class III。
灯具防护等级：IP20。
灯具防腐等级：WF1。
灯具使用寿命：≥50000小时(正常使用情况下)。

CHARACTERISTIC:
Light body adopted high-quality aluminum and white PC transmittance cover, optimize radiating structural design.
Color: ripple ash
Electrical insulation class: Class I RGB: Class III.
IP class: Ip20
Antiseptis class: Wf1
Service life: ≥50000h (under normal use)



LED 暗槽灯/LED Cove Light

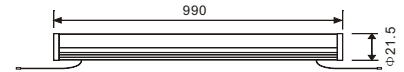


HQLF15/D24/XT04-990B 15W

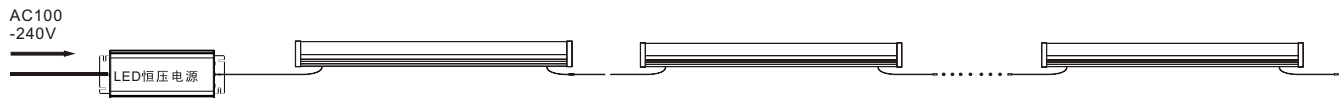


产品特点:
灯体采用优质铝合金和乳白PC透光罩，散热结构优化设计。
灯具颜色：沙纹灰。
电气绝缘等级：Class I，RGB为ClassIII。
灯具防护等级：IP20。
灯具防腐等级：WF1。
灯具使用寿命：≥50000小时(正常使用情况下)。

CHARACTERISTIC:
Light body adopted high-quality aluminum and white PC transmittance cover, optimize radiating structural design.
Color: ripple ash
Electrical insulation class: Class I RGB: Class III.
IP class: Ip20
Antiseptic class: Wf1
Service life: ≥50000h (under normal use)



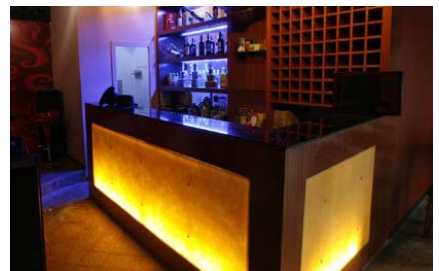
单色接线图 / Single wiring diagram



注：电源功率足够大的情况下，灯具最大串接数量为10PCS(15W); 15PCS(10W); 20PCS(5W)。
Remark: Under the condition of high power, lamps with series connection can be 10pcs(15W) / 15PCS(10W) / 20PCS(5W) at the most.

节能计算/Energy conservation

- 10W LED暗槽灯取代14W荧光灯管，每只灯能节省4W能量。
- 15W LED暗槽灯取代28W荧光灯管，每只灯能节省13W能量。
- 每天工作24小时，每年工作365天，每年工作8760小时。
- 10W LED暗槽灯每年可以节约35度电。
- 15W LED暗槽灯每年可以节约113度电。
- 可以减少替换次数5次。
- 10W LED Cove Light replaces 14W fluorescent tube, each saves 4W energy.
- 15W LED Cove Light replaces 28W fluorescent tube, each saves 13W energy.
- Work 24 hours every day, 365 days every year and 8760 hours every year.
- 10W LED Cove Light Saves 35 kWh electricity every year.
- 15W LED Cove Light Saves 113 kWh electricity every year.
- Reduces 5 times for replacement



功率对比/Power comparison		寿命对比/Life comparison	
10W	= 14W	1 x	5 x
15W	= 28W	50000hrs	Standard

订货指南/Order Guide

ERP	V	W	替换 荧光灯管 功率(W) Replace Watts	W	LM	K	Ra	发光角度 Beam Angle	颜色 Color	H	IP
产品ERP编码 Product Code	输入电压 Supply Voltage	功率 Power		线路功率 Circuit Power	光通量 Flux	色温 CCT	显色指数 CRI			设计寿命 Life	IP等级 IP Rating
HQLF5/D24/XT04-330B 晶元 5W											
2511639002	DC24	5	-	≤6	250	3000	80	120	WW	50000	IP20
2511639003	DC24	5	-	≤6	290	4000	75	120	NW	50000	IP20
2511639004	DC24	5	-	≤6	330	6500	75	120	CW	50000	IP20
HQLF10/D24/XT04-660B 晶元 10W											
2511656002	DC24	10	14	≤11	500	3000	80	120	WW	50000	IP20
2511656003	DC24	10	14	≤11	580	4000	75	120	NW	50000	IP20
2511656004	DC24	10	14	≤11	660	6500	75	120	CW	50000	IP20
HQLF15/D24/XT04-990B 晶元 15W											
2511658002	DC24	15	28	≤17	750	3000	80	120	WW	50000	IP20
2511658004	DC24	15	28	≤17	850	4000	75	120	NW	50000	IP20
2511658003	DC24	15	28	≤17	930	6500	75	120	CW	50000	IP20

LED 线条灯

LED Line Light

产品特点/Characteristic

- 灯体采用拉伸铝灯壳，散热结构优化设计，保证LED发光效率和使用寿命。
- 外置驱动电源性能稳定安全可靠，透光率高、光线均匀、无频闪、无眩光。
- LED光源采用进口原装芯片，可满足长期室外使用需求。
- Stretching aluminium fixture case shell, thermal structure, which guarantees LED light efficiency and service life
- The lamp stable performance safe and reliable, high transmittance, light even, no stroboscopic, no glare.
- Adopted CREE original lamp. The lamp adopts imported original chips, and optical grade high reflection rate reflectors for light distribution. Excellent weather resistance, could meet needs of long time outdoor use

适用环境/Applications

- 珠宝柜、展示柜、化妆柜、写字楼、商场、家居等装饰照明。
- Jewelry box, reveal ark, cosmetic ark, office buildings, shopping malls, home decoration lighting.

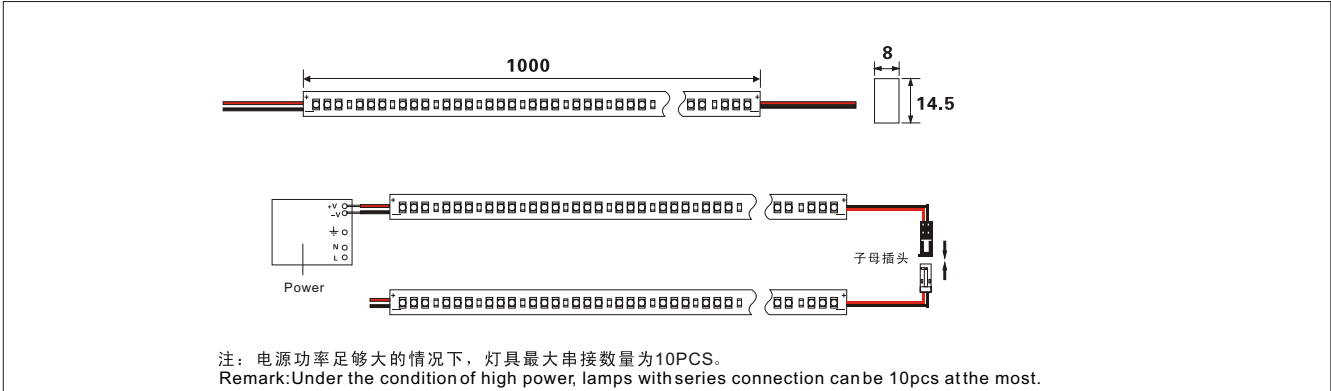


LED 线条灯/ LED Line Light

XT05



产品尺寸及安装方式/ Product size and luminaire installation



订货指南/Order Guide

ERP 产品ERP编码 Product Code	V 输入电压 Supply Voltage	W 功率 Power	PCS LED数量 LED amount	Ra 显色指数 CRI	LM 光通量 Flux	K 色温 CCT	Color 发光颜色	Beam Angle 发光角度	h 设计寿命 Life	IP IP等级 IP Rating
HQLF8/D12/XT05-1000B										
-	DC12V	8/M	108/M	75	580/M	3000	WW	120	50000	IP20
-	DC12V	8/M	108/M	70	620/M	4000	NW	120	50000	IP20
-	DC12V	8/M	108/M	70	660/M	6500	CW	120	50000	IP20
HQLF8/D24/XT05-1000B										
-	DC24V	8/M	108/M	75	580/M	3000	WW	120	50000	IP20
-	DC24V	8/M	108/M	70	620/M	4000	NW	120	50000	IP20
-	DC24V	8/M	108/M	70	660/M	6500	CW	120	50000	IP20

LED 模块灯系列

LED Module

产品特点/Characteristic

- 采用高亮度的SMD LED作为发光体，品质优良、性能稳定。
- 模组采用ABS工程塑料外壳，环境树脂灌胶防水处理，防水等级达到IP67。
- Adopted high Luminous SMD LED chip with excellent quality and stable performance.
- Module adopted ABS engineering plastics cover, encapsulating treatment of epoxy resin, IP protection grade reach 67.

适用环境/Applications

- 广泛应用于广告字和室内外装饰领域，堪称取代霓虹灯和荧光灯的新一代照明解决方案。
- Perfect lighting solution for replacement of neon light and fluorescent lamps.



MK01/MK02

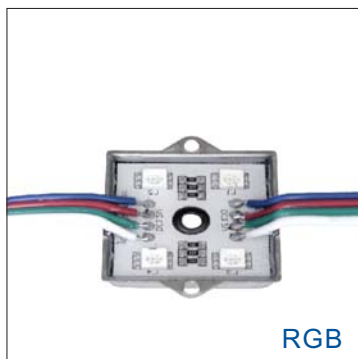
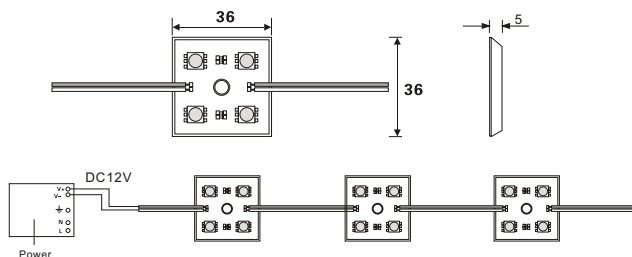


HQLF1.4/D12/MK01 1.4W 单色

F IP67

产品特点：
材质：铝合金材料外壳
颜色：银白色灯体
输入电压：DC 12V
设计使用寿命：50000h

CHARACTERISTIC:
Material: Alumina body
Color: silvery whitebody
Supply Voltage:DC 12V
Service life:50000h

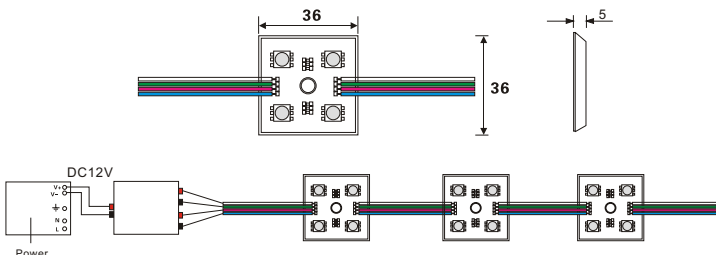


HQLF1.4/D12/MK02 1.4W RGB

F IP67

产品特点：
材质：铝合金材料外壳
颜色：银白色灯体
输入电压：DC 12V
设计使用寿命：50000h

CHARACTERISTIC:
Material: Alumina body
Color: silvery whitebody
Supply Voltage:DC 12V
Service life:50000h



LED 模块灯系列/LED Module

MK03/MK04

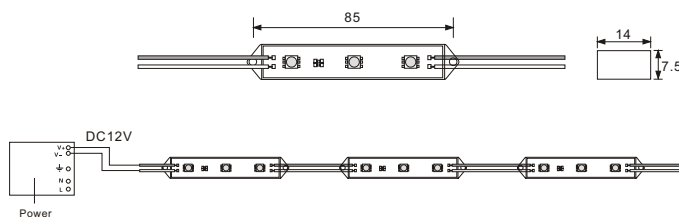


HQLF0.72/D12/MK03 0.72W 单色



产品特点:
材质: 铝合金材料外壳
颜色: 银白色灯体
输入电压: DC 12V
设计使用寿命: 50000h

CHARACTERISTIC:
Material: Alumina body
Color: silvery whitebody
Supply Voltage:DC 12V
Service life:50000h

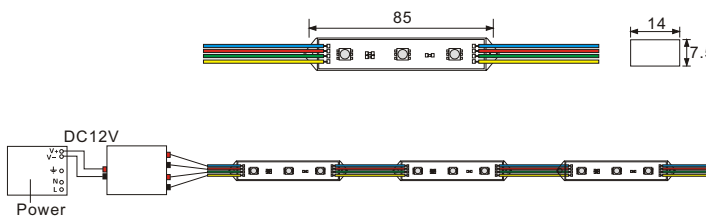


HQLF0.72/D12/MK04 0.72W RGB



产品特点:
材质: 铝合金材料外壳
颜色: 银白色灯体
输入电压: DC 12V
设计使用寿命: 50000h

CHARACTERISTIC:
Material: Alumina body
Color: silvery whitebody
Supply Voltage:DC 12V
Service life:50000h



订货指南/Order Guide

ERP 产品ERP编码 Product Code	V 输入电压 Supply Voltage	W 功率 Power	PCS LED数量 LED amount	Ra 显色指数 CRI	LM 光通量 Flux	K 色温 CCT	发光颜色 Color	发光角度 Beam Angle	h 设计寿命 Life	IP IP等级 IP Rating
HQLF1.4/D12/MK01 晶元 1.4W 单色										
2730109001	DC12	1.4	4	---	---	---	R	120	50000	IP67
2730109002	DC12	1.4	4	---	---	---	G	120	50000	IP67
2730109003	DC12	1.4	4	---	---	---	B	120	50000	IP67
2730109004	DC12	1.4	4	80	50	3000	WW	120	50000	IP67
2730109005	DC12	1.4	4	75	55	4000	NW	120	50000	IP67
2730109006	DC12	1.4	4	75	60	6500	CW	120	50000	IP67
HQLF1.4/D12/MK02 晶元 1.4W RGB										
2730109007	DC12	1.4	4	---	---	---	RGB	120	50000	IP67
HQLF0.72/D12/MK03 晶元 0.72W 单色										
2730144001	DC12	0.72	3	---	---	---	R	120	50000	IP67
2730144002	DC12	0.72	3	---	---	---	G	120	50000	IP67
2730144003	DC12	0.72	3	---	---	---	B	120	50000	IP67
2730144004	DC12	0.72	3	80	40	3000	WW	120	50000	IP67
2730144005	DC12	0.72	3	75	43	4000	NW	120	50000	IP67
2730144006	DC12	0.72	3	75	45	6500	CW	120	50000	IP67
HQLF0.72/D12/MK04 晶元 0.72W RGB										
2730144007	DC12	0.72	3	---	---	---	RGB	120	50000	IP67

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