

LED LOW BAY LIGHT/ 50-150W



Design a lamp, illuminate a city, Multiple applications

Overview

Configured with a multitude of optics glass lens; Ventilated dissipation structure-which represents the Direction of development Direct and unobstructed heat conduction channel; Fast and effective heat exchange;



LED LOW BAY LIGHT/ 50-150W

- Waterproof silicon rubber ring



Specialty design, the protection rate can achieve IP65, meeting the requirement for harsh, tough environment

- Waterproof grade IP65.



IP65

- 180° angle



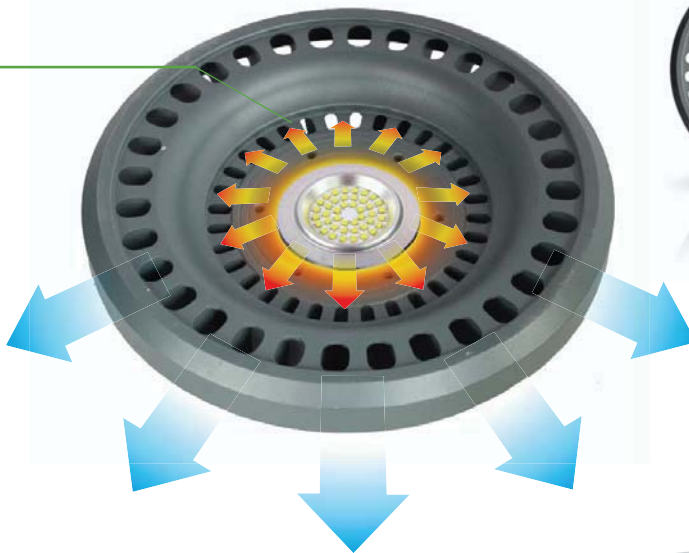
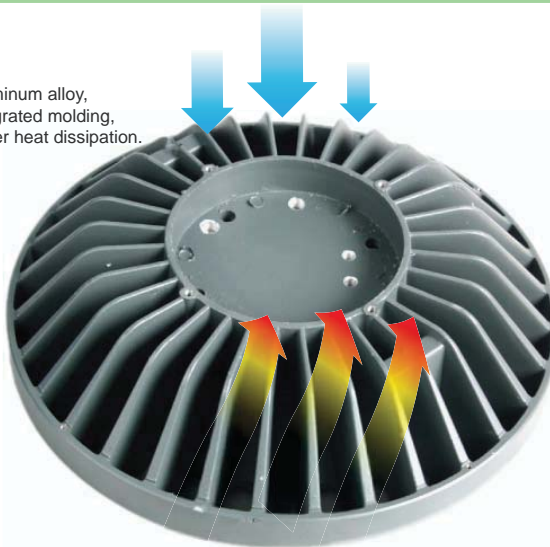
180° angle regulator ,
Adjustable mounting bracket

- Aluminum alloy, integrated molding, better heat dissipation.



CREE chips
Original CREE Chip from USA
LM80 certified

- Direct and unobstructed heat conduction channel
Fast and effective heat exchange
From hot and cool airflow convection initiatively



- Surface electrostatic spraying, high thermal conductivity, corrosion resistance.



- The professional optical reflector, optical glass lens, the light out rate of more than 95%



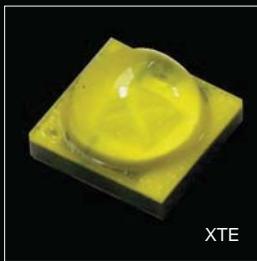
- Thanks to the ingenious design, the lamps could be IP65 although there is no glues are applied. So the Ingress protection of lamps won't cease to be effective because of glue aging.

LED SPOT LIGHT/ LED PROJECTOR LIGHT 100-500W

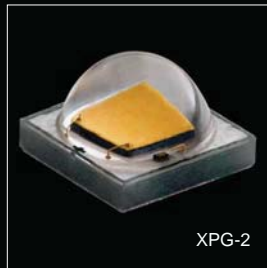


CREE

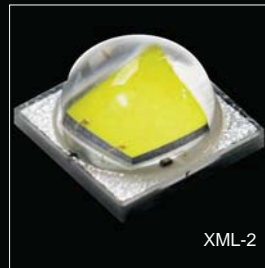
WORLD BRAND LED



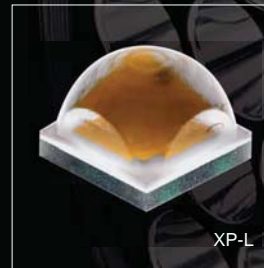
XTE



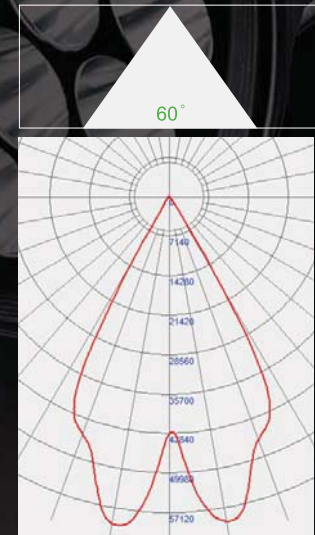
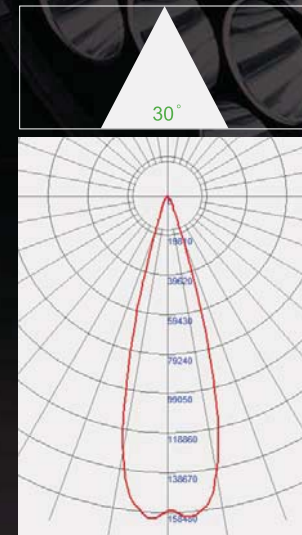
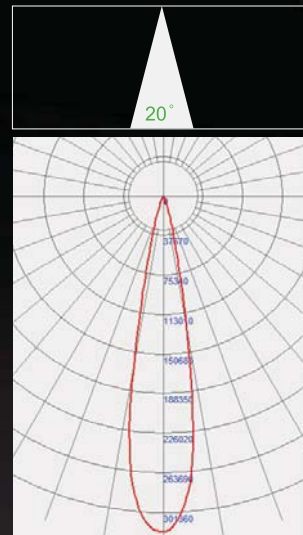
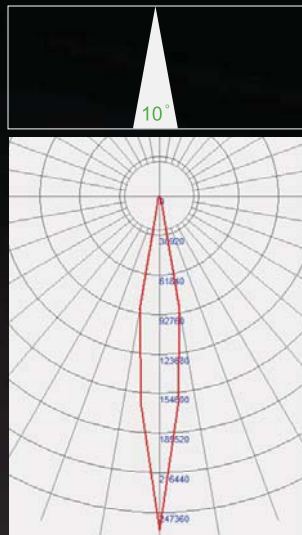
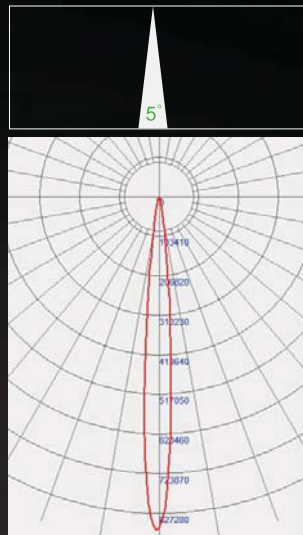
XPG-2



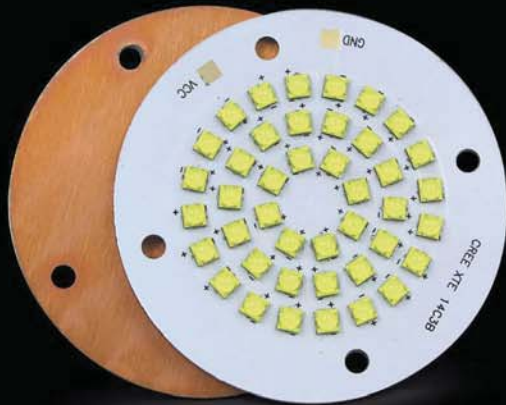
XML-2



XP-L

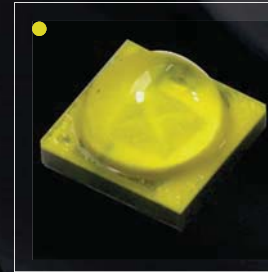


LED LOW BAY LIGHT/ HIGH POLE LIGHT 100-600W



MHE301 is a low thermal impedance substrate solution for led Light, In term of both Material and structure design it specifically answers the need of heat dissipation for HB and ultra HB LEDs by draining heat with metallic MHE at thermal conductivity up to 401W/mk, MHE301 exhibits a thermal impedance of 0.005° -cm2/Watt at its best, Making it arguably the best commercially available solution for improving the led junction temperature

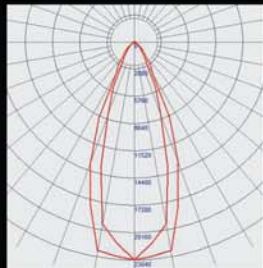
WORLD BRAND LED/ COB



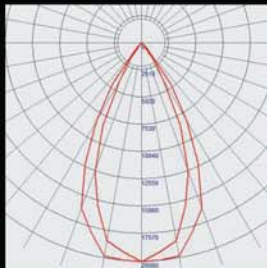
CREE

CITIZEN
Micro HumanTech

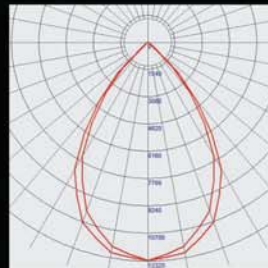
bridgelux



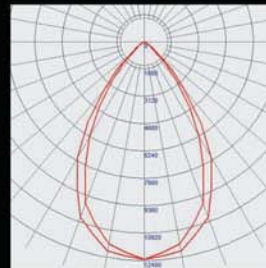
45°



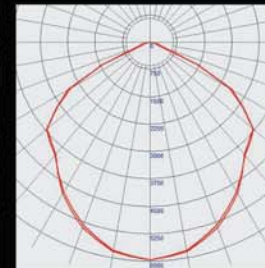
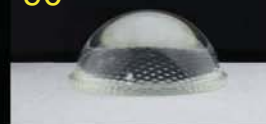
60°



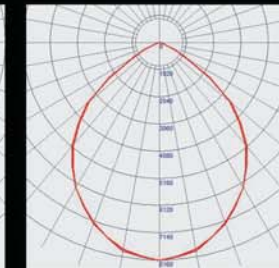
90°



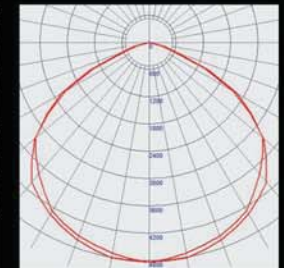
90° Anti Glare



120° Anti Glare



120°



160°



LED SPOT LIGHT/LED PROJECTOR LIGHT 100-500W



IP65



Introducing a new premium experience

PROFESSIONAL LIGHT DISTRIBUTION

The projection lamps are professionally designed to meet the requirement of light distribution. With optional beam angle at $\angle 5^\circ$ $\angle 10^\circ$ $\angle 20^\circ$ $\angle 30^\circ$ $\angle 60^\circ$, these lamps could be widely applied to different occasions. For example, the 5° beam angle projection lamp's light ranging distance could reach 500 meters. It's a true light fitting for the tall building.

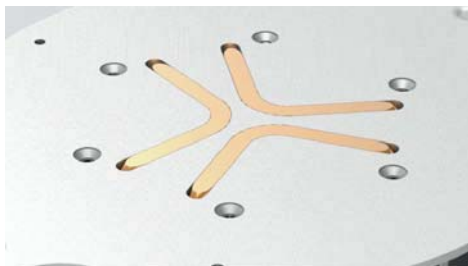


LED SPOT LIGHT/LED PROJECTOR LIGHT 100-500W



INCOMPARABLE HEAT-DISSIPATE ENGINE 3D HEAT DISSIPATE

HDT PATENTED TECHNOLOGY



High efficient heatpipes contact the heat source directly, maxima the performance of the heatpipe to reach the cooling effect.

COMPRESSED FINS TECHNOLOGY



Heat pipe by using the theory of heat conduction and fast cooling medium heat transfer properties, Transfer heat quickly to the outside of heat source, Heat conduction ability exceed than any known metal.

Professional heat dissipation structure design. Modular heatsink with

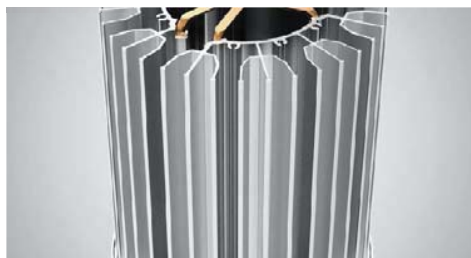
perfect structure and inside airflow channels maxim the 3D heat dissipation.

MODULAR HEATSINK



By rich product range based on modular heatsink design with light weight and stable structure characteristics; using minimal weight to achieve maximum heat dissipation area for fastest cooling speed, Fluence is leading the trend of led heatsink solution industry.

PROTECTION SURFACE TREATMENT



The whole structure has been treated with protection technology and undergone a 500-hour salt spray test, which boasts outstanding resistance to corrosion and rust and is thus adaptable to poor outdoor environment;



Working Temperature: -40~50°C

Working Humidity: 10%~95%RH

Best Working Temperature: -20°C ~ +30°C

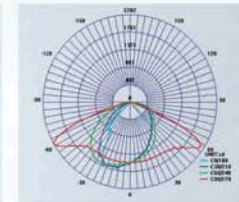
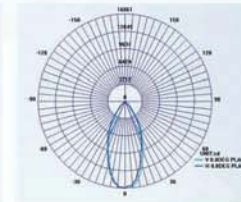
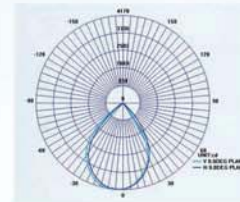
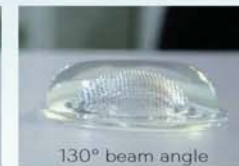
Storage Temperature: -40°C ~ +80°C

<http://www.luxledchina.com>

LED PROJECTOR LIGHT / LED HIGH POLE LIGHT / LED FLOOD LIGHT



N E W A R R I V A L .



UP **IP68**

LX- FL322 (80W/ 100W/ 120W).

- Double protection for waterproof connection, using IP68 water joint
- Used to various harsh environment
- Can up to the Explosion proof led lamps grade



Working Temperature: -40~50°C

Working Humidity: 10%~95%RH

Best Working Temperature: -20°C~+30°C

Storage Temperature: -40°C~+80°C

<http://www.luxledchina.com>

LED PROJECTOR LIGHT / LED HIGH POLE LIGHT / LED FLOOD LIGHT



- Adjustable mounting bracket



- BRIDGELUX LIGHT SOURCE



- WATERPROOF SILICON RUBBER RING



- Double protection for waterproof connection, using IP68 water joint. By using silicon rubber sealing, special design, the protection rate can achieve IP68, meeting the requirement for harsh, tough environment.

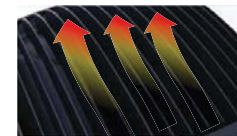


Optional

- Original Bridgelux COB V29
- Integrated packaging light source
- Original CREE XTE



- Stainless steel waterproof connector to fix the input cable, avoid damage of hard power pulling. blue N zero line, Brown L Firewire, yellow-green ground wire was custom made professional labels, water-proof, anti-corrosion, without burning, prevent fire.



- Aluminum alloy, integrated molding, better heat dissipation. Surface electrostatic spraying, high thermal conductivity, corrosion resistance.



- Hot air convection design, excel in drainage and self-cleaning.



- Thanks to the ingenious design, the lamps could be IP68 although there is no glues are applied. So the Ingress protection of lamps won't cease to be effective because of glue aging.

MULTI-FUNCTIONS MODULE LED TUNNEL LIGHT

SD- C Series 30- 700W



IP66/67



Design a lamp,
illuminate a city Multiple applications

LX-SD24C



LX-SD48C



LX-SD72C



LX-SD96C



LX-SD 120C



LX-SD144C



LX-SD168C



MULTI-FUNCTIONS MODULE LED TUNNEL LIGHT

SDC Series 30- 700W



PURE ALUMINUM MATERIAL WHOLE BODY HEATSINK

The pure aluminum housing is nice looking and durable, lighting source contact the heatsink directly. Compared to traditional LED heatsink, our dissipating area is bigger. It is perfect LED heatsink solution.

Prospective design, performance excellence

(followings are abbreviated drawing, different watts, same functions)



Corrosion resistance

The whole lamp with the powder coating is brighter, without fading and corrosion, Suitable for harsh outdoor environment.



3-d Heat Dissipation

Professional thermal structure, cross-ventilation design improving heat dissipation performance to long life time.



Large angle adjustment

Screw lock attached type installation, multiple stents to adjust, adjustable Angle of 315 °, into light Angle can be adjust at will.



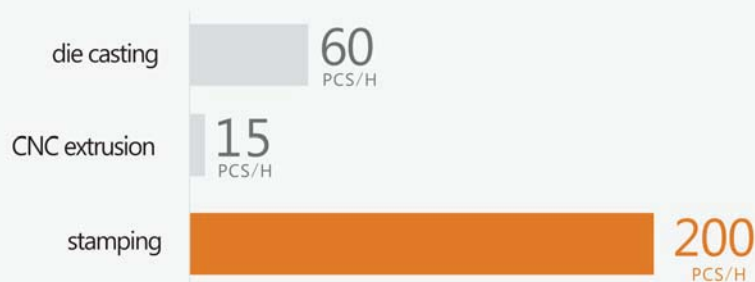
Protection rate:IP67

By using water-proof connecotr and silicon rubber sealing,the protection rate can achieve IP67,meeting the requirement for harsh,tough environment .

Design Innovation, Cost-Performance

Stamping process, high production efficiency guarantees shortest lead time, good heat dissipation performance, lighting weight, easy assembly and cost effective.

Comparison chart of production efficiency

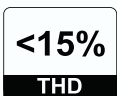
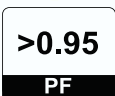
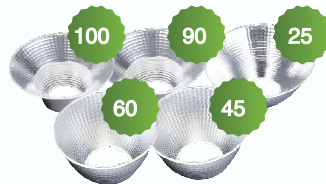


Comparison chart of heat conductivity coefficient



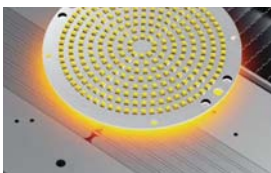
300-1000W LED FLOOD LIGHT

LUX
LUX LIGHTING



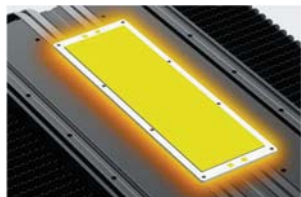
300-1000W LED FLOOD LIGHT

HDT PATENTED TECHNOLOGY



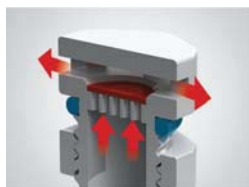
Heat pipe zero distance joint with heat source, maximize capacity of heat pipe, enhance heat conduction effect hugely.

HDT PATENTED TECHNOLOGY



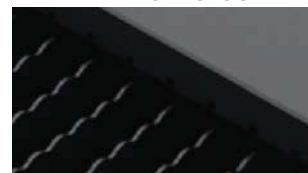
Heat pipe zero distance joint with heat source, maximize capacity of heat pipe, enhance heat conduction effect hugely.

RESPIRATOR DESIGN



Balance difference in the pressure of inside and outside, waterproof, anti-condensation and mist-elimination, lower failure possibility caused by salt corrosion, prolong working time, enhance quality.

GEAR SHAPING PATENTED TECHNOLOGY



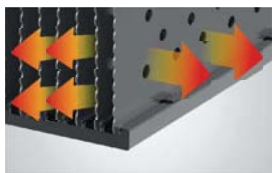
Fins insert into heat conducting plate tightly, maximum lower thermal resistance, no need electroplating, elegant and eco-friendly.

FIN-BUCKLE PATENTED TECHNOLOGY



Fins keep same distance between each other and buckle tightly as a whole, strengthen firmness of fins, maximize heat-dissipate area with minimum weight.

3D HEAT DISSIPATE



Hollow-out holes distribute in parallel and opposite in every fin, form left-to-right-passthrough convection channel, make three-dimensional heat sink with fin-distance, maximum transfer the heat.



PURE COPPER HEAT PIPE



As principle of thermal conduction and quick-thermal-conduction nature of refrigeration medium, those heat pipes can transfer heat from heat source to heat sink rapidly. Its capacity of heat transmission surpass any already-know metal.

PIR Series LED FLOOD LIGHT/ 10-50W



100-240V
AC
50-60HZ

>0.95
PF

<15%
THD

10-28V
DC

2700-
7000K
CCT

70-90
CRI

LM80
IES LED

outdoor

IK10
shockproof

IP65
Waterproof

CLASS I

CE
EURO

FC
EURO

RoHS
EURO

warranty

35000h
warranty

Working Temperature: -40~50°C

Working Humidity: 10%~95%RH

Best Working Temperature: -20°C~+30°C

Storage Temperature: -40°C~+80°C

PIR Series LED FLOOD LIGHT/ 10- 50W

Options sensors

1. PIR function (Regular)
2. PIR function (Regular)+ always lighting function
3. PIR function (Regular)+light control function (No induction at daytime ,Sensor only work at night)
4. Plug-in sensor „Sensors can be replaced or removed at any time into ordinary flood lights

Instruction

Detection range:180°

Detection distance: Max.12m (24℃) (Adjustable)

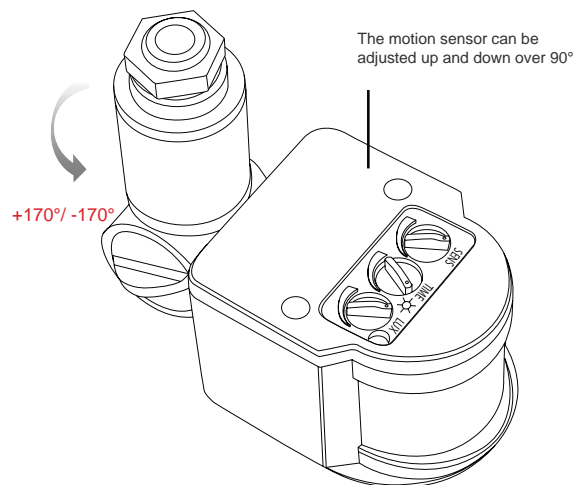
Delay time:5 sec~7 min(Adjustable)

Environmental illumination: 2~2000LUX(Adjustable)

Operating Temperature: -10~+40℃

Operating Humidity: Smaller than 93% RH

Propose Installation Height: 1.8m~3m



SENS

It's the sensitivity of the detector, normally no need to adjust. If the sensitivity is too strong for you, you can adjust it to the minimum value.

Time

Can adjust delay time of detector(5±1sec~7±1min)
Delay time means when the detector detect human, how much time it will be delayed to close itself after that person go out of the detect zone.

LUX

Can switch to day mode or night mode.

A: When switch to the "Sun", the detector will work all day.
B: When switch to the "Moon", the detector will only work at night automatically.

C Series LED FLOOD LIGHT/ 10-200W



IP65



100-277V
AC
47-63HZ

>0.95
PF

<15%
THD

10-28V
DC

2700-
7000K
CCT

70-90
CRI

LM80
IES LED

outdoor

IK10
shockproof

CLASS I

dimmable

CE
EURO

FC
EURO

RoHS
EURO

warranty

50000h
warranty

Working Temperature: -40-50°C

Working Humidity: 10%~95%RH

Best Working Temperature: -20°C~+30°C

Storage Temperature: -40°C~+80°C

C Series LED FLOOD LIGHT/ 10-200W

RESPIRATOR DESIGN



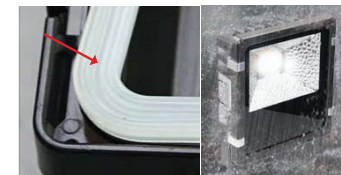
1. Balance the different pressure between the atmosphere and the shell, it is water proof also defog and avoiding the drop condensation, reducing the inside salt corrosion and extend the product lifespan.

WE CAN DO CUSTOMIZING— MORE OPTIONS AVAILABLE FOR YOU



2. Most of the mainstream manufacturers's led chips and their chip-scale packages are compatible to the structure of the housing, we can also customize the installation structure accord to your chip-package's size (COB, SMD3535 etc.)

PROTECTION RATE: IP65



3. By using water-proof connector and silicon rubber sealing , the protection rate can achieve IP65, meeting the requirement for harsh, tough environment.

PURE ALUMINIUM REFLECTOR



4. The reflector is made of pure aluminium(99.8%) which anti-oxidation and unfading in colour, ensuring the reflection.

TEMPERED GLASS PANEL



5. 4mm tempered glass panel safely protect the lighting source, and the transparent rate is up to 93%.

STAINLESS STEEL PARTS



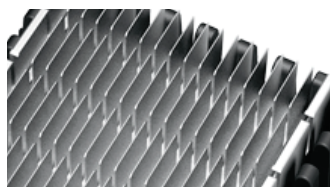
6. Endurancing the corrosion of air, water, chemical acid, alkaline,salt and other materials, can be used in all kinds of harsh conditions for long term.

WIDE ANGEL FOR ADJUSTMENT



7. With multiple adjustment points, the adjustment angel can be up to 180°

PATENTED ZIPPED- FINS TECHNOLOGY



8. With zipped- fins technology, the convection airflow is evenly distributed in the cooling fins, optimizing the cooling effect.

GEAR SLOTTING FIN TECHNOLOGY



9. The fins couple into the base of the heatsink tightly, minimum the heat transfer resistance.

D Series LED FLOOD LIGHT/ 10-240W



01/ PRODUCT FEATURES

1. By using the most powerful and efficient flood light heatsink, the completed LED light can work up to 50000 hours, save up to 80% energy, have better lighting characteristics than that of traditional metal halide lamp of 20w;
2. Die-cast aluminium housing processed with anodization, solid in structure and withstand the corrosion;
3. Protection rate: IP65.

03/ RESPIRATOR DESIGN



Balance the different pressure between the atmosphere and the shell, it is water proof also defog and avoiding the drop condensation, reducing the inside salt corrosion and extend the product lifespan.

02/ MATERIALS AND PROCESS

1. By using the most powerful and efficient flood light heatsink, the completed LED light can work up to 50000 hours, save up to 80% energy, have better lighting characteristics than that of traditional metal halide lamp of 20w;
2. Die-cast aluminium housing processed with anodization, solid in structure and withstand the corrosion;
3. Protection rate: IP65.

IP65



Working Temperature: -40-50°C

Working Humidity: 10%~95%RH

Best Working Temperature: -20°C~+30°C

Storage Temperature: -40°C~+80°C

<http://www.luxledchina.com>

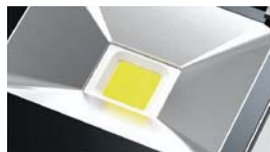
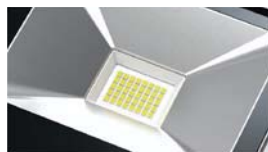
D Series LED FLOOD LIGHT/ 10-240W



04 WE CAN DO CUSTOMIZING – MORE OPTIONS AVAILABLE FOR YOU

THE HOUSING COMPATIBLE FOR DIFFERENT KINDS OF LED CHIPS AND BRACKEL

Most of the mainstream manufacturers's led chips and their chip-scale packages are compatible to the structure of the housing, we can also costumize the installation structure accord to your chip-package's size (square,circle etc.)



05 EXCELLENT PERFORMANCE STRONG PROTECTION

PROTECTION RATE: IP65



By using water-proof connector and silicon rubber sealing , the protection rate can achieve IP65, meeting the requirement for harsh, tough environment.

DIE-CAST HEATSINK BASE INTEGRATED WITH COOLING FINS



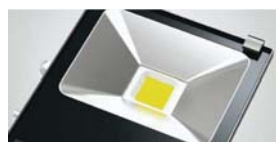
Integrated housing looks gorgeous and concise, it is durable and of high performance.

WIDE ANGEL FOR ADJUSTMENT



With multiple adjustment points, the adjustment angel can be up to 290°.

PURE ALUMINIUM REFLECTOR



The reflector is made of pure aluminium(99.8%) which anti-oxidation and unfading in colour, ensuring the reflection.

TEMPERED GLASS PANEL



4mm tempered glass panel safely protect the lighting source, and the transparent rate is up to 93%.

STAINLESS STEEL PARTS



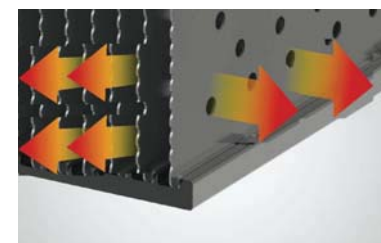
Endurancing the corrosion of air, water, chemical acid, alkaline,salt and other materials, can be used in all kinds of harsh conditions for long term.

06 THE INNOVATIVE COOLING FINS STANDING THE COOLING FRONTIER

Innovative cooling fins with light weight but massive cooling dissipation area, which tightly connected to the die-cast heatsink, constitute a integrated cooling housing.



3-DIMENSION HEAT DISSIPATION



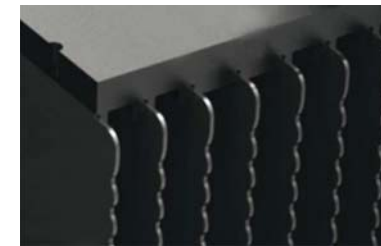
There are convection holes distributed on each fins allowing parallel direction airflow to maximum the cooling power.

PATENTED ZIPPED-FINS TECHNOLOGY



With zipped-fins technology, the convection airflow is evenly distributed in the cooling fins, optimizing the cooling effect.

GEAR SLOTTING FIN TECHNOLOGY



The fins couple into the base of the heatsink tightly, minimum the heat transfer resistance.

MODULE LED STREET LIGHT SL-B Series 30-320W



3D HEAT DISSIPATE



3D three-dimensional heat radiation .minimalist design ,professional heat dispersion structure , inside and outside is interlinked by air duct , Greatly improve heat radiating performance , Extension of the whole lamp lifespan.

CAN WITHSTAND A CATEGORY 12 TYPHOON



Passed professional Wind tunnel test . There is no Deformation, loosening in the 12 typhoon , very firmly.

SUPPORT GAIN POWER .



Lamps body use whole aluminium for heat radiation, perfect dela with Led light source heat radiation problem. Each module can independently, freely to add module for heat radiation . Elevate heat radiation function , support higher power watt.

IP GRADE UPTO IP66



Strong corrosion resistance .Using silicone seal process, Completely prevent the intrusion of dust .No seepage in the heavy rain . Excellent function of cleaning . To ensure lamp has long lifespan and without maintain .

THE CORROSION RESISTANCE IS STRONG



The whole lamp adopts powder baking process bright color and would not change for a long time harder to erode suited to be used in harsh outdoor environment



Photocell or motion sensor system selectable

If the fixture with OPTICAL CONTROL function, the Optical Receptacle will be installed on the cover of fixture. See A. Fit the pins of Optical Sensor to Optical Receptacle, firmly insert and rotate Optical Sensor to proper position.



Free of Dust and Water

The ventilation hole between modules and the housing can avoid dust and water accumulation to guarantee the heat dissipation and reduce the cleaning frequency.



Lens

Silicone Gel

Aluminium Board



Seal by silicone gel ring, IP grade is IP66.

Totally prevent dust to get in. Prevent water even in downpour weather.

MODULE LED STREET LIGHT SL-B Series 30-320W



IP66

3D HEAT DISSIPATE



3D three-dimensional heat radiation .minimalist design ,professional heat dispersion structure , inside and outside is interlinked by air duct , Greatly improve heat radiating performance , Extension of the whole lamp lifespan.

CAN WITHSTAND A CATEGORY 12 TYPHOON



Passed professional Wind tunnel test . There is no Deformation, loosening in the 12 typhoon , very firmly.

180 DEGREE CAN BE ADJUSTED



Lamp arm can be adjusted 180 degree , irradiation angle can be arbitrarily change .

IP GRADE UPTO IP66



Strong corrosion resistance .Using silicone seal process, Completely prevent the intrusion of dust .No seepage in the heavy rain . Excellent function of cleaning . To ensure lamp has long lifespan and without maintain .

THE CORROSION RESISTANCE IS STRONG



The whole lamp adopts powder baking process bright color and would not change for a long time harder to erode suited to be used in harsh outdoor environment

Photocell or motion sensor system selectable

If the fixture with OPTICAL CONTROL function, the Optical Receptacle will be installed on the cover of fixture. See A. Fit the pins of Optical Sensor to Optical Receptacle, firmly insert and rotate Optical Sensor to proper position.



Free of Dust and Water

The ventilation hole between modules and the housing can avoid dust and water accumulation to guarantee the heat dissipation and reduce the cleaning frequency.



Lens
Silicone Gel
Aluminium Board



Seal by silicone gel ring, IP grade is IP66.
Totally prevent dust to get in. Prevent water even in downpour weather.

LED LOW BAY LIGHT/ HIGH POLE LIGHT 100-600W



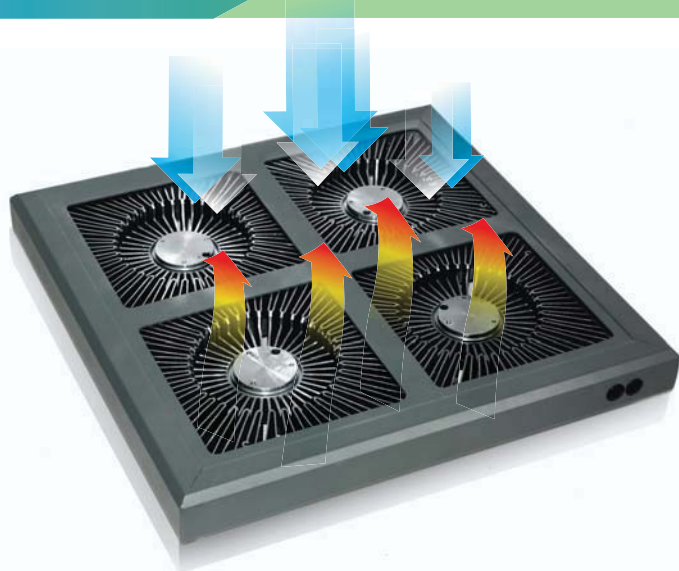
Design a lamp, illuminate a city, Multiple applications

Overview

Configured with a multitude of optics glass lens; Ventilated dissipation structure-which represents the Direction of development Direct and unobstructed heat conduction channel; Fast and effective heat exchange;



LED LOW BAY LIGHT/ HIGH POLE LIGHT 100-600W



Patent design
Fashionable and
textured, Focused on the
heatsink design, patented
appearance, technical
protection

ALUMINUM ALLOY, INTEGRATED
MOLDING, BETTER HEAT
DISSIPATION.



• SURFACE
ELECTROSTATIC
SPRAYING, HIGH
THERMAL
CONDUCTIVITY,
CORROSION
RESISTANCE.



- Stainless steel waterproof connector to fix the input cable, avoid damage of hard power pulling.

blue N zero line, Brown L Firewire ,
yellow-green ground wire was custom
made professional labels ,
water-proof , anti-corrosion, without
burning , prevent fire



- Thanks to the ingenious design, the lamps could be IP65 although there is no glues are applied. So the Ingress protection of lamps won't cease to be effective because of glue aging.



- Waterproof grade IP65.



- 180° angle regulator ,
Adjustable mounting bracket



- The professional optical reflector,
Optical glass lens, the light out rate of
more than 95%