

*Liteharbor*



## OUTDOOR LIGHT

Liteharbor outdoor lights designed for optical performance and superior corrosion resistance, IP rated reach to IP67. Constructed of the highest quality 316 stainless steel and die-cast aluminum materials, products are suitable for all forms of commercial, residential and municipality applications.

[www.liteharbor.com](http://www.liteharbor.com)



**Item: Y0301**

**Description**

- The stainless steel bollard is constructed of 316 marine grade stainless steel and is cold worked for superior corrosion resistance
- Ideal for harsh environments and where corrosion is common
- Choose from 4 head styles: 360°open head, 180°open head 360°slotted head and 180°slotted head.
- Provides uniform illumination and superior brightness control. Ideal for courtyards providing a safe ambient lighting

**Features**

- Prewired integral driver for ease of installation.
- Driver is mounted to a stainless steel hanger bracket directly below the lamp.
- Tamper proof set screws for re-lamp access
- Easy to maintain impact resistant long-life polished stainless steel.
- Conical upper reflector for optimal light distribution
- UV stabilized 25"thick polycarbonate frosted lens
- Available in 24",32"or 42"height. Confirm with factory for other lengths

**Anchor Base**

- Bollard base is secured by three 3 internal heavy-duty stainless steel rods
- Mounts to three stainless steel anchor bolts ,each with two nuts and washers.
- Anchor kit supplied with fixture.
- Includes a stainless steel leveling bracket/template.

**Lamp Enclosure**

- Bollard top is easily removed for re-lamping and ballast accessibility.
- Secured by three tamper-proof stainless steel set screws.
- Weather-tight frosted UV stabilized polycarbonate lens with rubber gaskets completely seals unit.

**Maintenance**

- Stainless steel requires regular dealing and maintenance to prevent tarnishing or tea staining.

**Electrical**

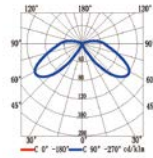
- |   |  |   |
|---|--|---|
| <ul style="list-style-type: none"> <li>➤ LED</li> <li>13W max</li> <li>Recommend 6W high brightness</li> <li>Life time:&gt;50000 hours</li> <li>Current 700Ma driver</li> <li>Input:100-240V</li> <li>50/60Hz</li> <li>Output:Max 12V DC</li> </ul> | <ul style="list-style-type: none"> <li>➤ Metal Halide</li> <li>20W T6 CMH</li> <li>39W T6 CMG</li> <li>G12 Base</li> <li>120-277V HPF electronic ballast with inherent thermal protection</li> <li>Sound rated A</li> <li>Minimum ballast temp -15 C /5 C .</li> <li>Harmonic distortion&lt;20%</li> <li>Outdoor type 1</li> <li>Increased reliability and safety with lamp "Turn-off Function"</li> </ul> | <ul style="list-style-type: none"> <li>➤ Compact Fluorescent</li> <li>13W DTT</li> <li>18/26W TRT</li> <li>GU24 Universal Socket</li> <li>Advance ballast</li> <li>Inherent thermal protection</li> <li>High power factor</li> <li>Sound rated A</li> <li>Class P minimum ballast temp -18 C /0 °F</li> <li>Harmonic distortion&lt;10%</li> <li>Outdoor type 1</li> </ul> |
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**Item: Y0302**

**Description**

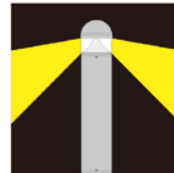
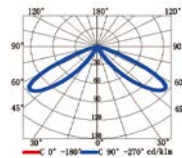
- Aluminum lamp body
- Opal PC diffuser
- Silicone rubber gasket
- Powder coating finish
- LED 0.5Wx16 /800LM
- Ra >80
- PF >0.9
- Working temperature: -15 C ~50 C



**Item: Y0303**

**Description**

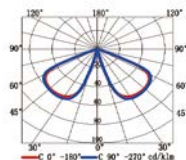
- Aluminum lamp body
- Clear PC diffuser
- Silicone rubber gasket
- Powder coating finish
- LED 0.5Wx16 /800Lm
- Ra >80
- PF >0.9
- Working temperature: -15 C ~50 C



**Item: Y0304**

**Description**

- Die-casting aluminum lamp body
- Opal PC diffuser
- Silicone rubber gasket
- Powder coating finish
- LED 1Wx6 / 540Lm
- Ra >80
- PF > 0.9
- Working temperature: -15 C ~50 C





**Item: Y0305**

**Brushed Aluminum Bollard Light**

- Material Housing: Brushed aluminum (316 and 304 stainless steel materials also available.)
- Lampshade Material: Acrylic
- Voltage: 120-277V
- Socket: E26/ E27 socket
- Light output: LED 11W max.
- IP Rated: IP 43
- Dimensions: Height: 60cm  
Diameter: 78mm  
Base Diameter: 132mm

**Item: Y0903**

**Adjustable Garden Light with Spike**

- Available in white, black or bronze die-cast aluminum. 316 stainless steel is also available
- Custom finishes available by special order.
- 1" diameter machined aluminum stem with 1/2" NPT threads at each end. Stem length available in 24", 36" and 48" lengths
- 90 degree adapter provides transition from fixture to stem.
- High temperature silicone O-ring set screw provides water tight seal.
- Easy re-lamping with lamp cover secured by a flush tamper-proof aiming and 360 degree of horizontal rotation
- Integral knuckle provides 196 degree of vertical
- Tamper proof socket head screws ensures precise aiming
- Lamp cover is sealed with a static O-ring.
- Tempered glass lens is standard.
- 1/2" pipe thread for mounting to junction box



**Features**

- Lumens: 350lm / 400lm
- Wattage: 5W
- Color Temperature: 3000K, 6000K
- CRI: >80
- Input Voltage: 12V AC/DC
- Efficiency: 70 lm/W, 80lm/W
- Beam Angle: 60° / 40°
- IP Rating: IP65
- LED Quantity: 1 COB
- Dimensions: 2.8" x 3.6" x 6.3"
- Approvals: CE / RoHS

**Application**

- In Ground Garden Spike LED Light is great for industrial, commercial other LED projects.



**Item: Y0904**

**LED Garden Light**

- Available in white, black or bronze die-cast aluminum. 316 stainless steel is also available
- Custom finishes are available by special order
- Tamper proof socket head screws ensures precise aiming
- Lamp cover is sealed with a static O-ring
- Tempered glass lens is standard
- 25 pcs LEDs, 25 Watt
- IP67 Rated



**Fixture**

- Power: 30W/ 50W/ 100W
- LED Qty: 1PCS COB
- Luminous Flux>100LM/W
- Color temperature: 2700K-6500K
- PF >0.9
- IP grade: IP65

**Materials**

- Die-casting aluminum crust
- High intensity toughened glass cover
- High-purity aluminum reflector
- Single high powerful LED light source
- High efficiency LED driver

**Technology Data**

Item No.	Product Specifications	Input Voltage	Output Current	Brightness	Waterproof
DGL-F030	LED 30W	85-265VAC	3000mA	>3000LM	IP65
DGL-F050	LED 50W		3000mA	>3000LM	
DGL-F100	LED 100W		3000mA	>10000LM	



**Item: DGL-F120**

**120W Adjustable LED Flood Light**

**Fixture**

- > Power: 120W
- > LED Qty: 25 Pieces
- > Luminous Flux> 100LM/W
- > Color temperature: 2700K-6500K
- > PF >0.9
- > IP grade: IP65

**Materials**

- > Die-casting aluminum crust
- > High intensity toughened glass cover
- > Single high powerful LED light source
- > High efficiency LED driver



**High Brightness LED Flood Light**

- > Power: 200W/ 140W
- > LED Qty: 2PCS COB
- > Luminous Flux>10000LM
- > Color temperature: 2700K-3300K, 5700-6300K
- > Beam angle: 120 degree
- > PF >0.9
- > IP grade: IP65

**Materials**

- > Die-casting aluminum crust
- > High intensity toughened glass cover
- > High-purity aluminum reflector
- > Single high powerful LED light source
- > High efficiency LED driver

**Technology Data**

Item No.	Product Specifications	Input Voltage	Output Current	Brightness	Waterproof
DGL-F200	LED 200W	85-265VAC	3000mA	10000- 18000LM	IP65
DGL-F140	LED 140W	85-265VAC	3000mA	10000-12000LM	IP65

**Application**

- > Factories
- > Gymnasiums
- > Yards
- > Advertising boards
- > Buildings
- > Lawns
- > Garden designs
- > Some other outdoor places where need flood lighting and lights decoration.



## Item: L0810

### High Lumen LED Spot Light

- Housing is made of die-cast aluminum good heat dissipation
- White, black, silver finish are available, other special finish please confirm with factory
- Special outdoor powder coating ensure good corrosion resistance
- High power and good quality reflector bring you superior lighting conditions
- IP65
- Idea for gymnasium, super market, residential housings outdoor projects and so on. It will bring you a colorful and beautiful world
- Tempered glass safe to use

### Features

- Multiple light colors can make a colorful world
- Can be used with a RGB controller which can bring you more colorful effects
- Energy saving and environment friendly
- Easy installation

### LEDs

- Epistar LED chips
- Length of wire doing according to customers' needs
- Input: 120V-277V
- Wattage Output: 5W/ 5\*3W
- Quantity of LEDS: 5pcs
- Working temperature:-20-55 C



## Item: L0228

### LED Building Wall Wash Lighting

- Aluminum Led Wall Washer
- This product is mainly used for decorating and highlighting in building frame, garden, etc.
- It can work in independent mode and DMX mode, which can generate various color changing effects
- Such as flashing, fading, steady, seven color jumping synchronously etc.
- DMX256 class gray degree dimmer,
- DMX programmable (thousands of effects available if many lights being connected together)

### Structure and Specification

- Led Source: 36PCS 1W LedS; 36PCS 2W LedS
- Input Power Consumption: 55 Watts
- Beam Angel: 30 degree
- Project Distance: 30m
- Size: L343\*W152\*H214mm
- Material of Shell: Aluminum Alloy
- Weight: 5.0kgs
- Rotary Angle: Vertical (-45 degree centigrade+ 90 degree centigrade) Horizontal ( -90 degree centigrade -+90 degree centigrade )
- Input Voltage: 110V-256V AC Operating Voltage 24V DC
- Protection Rating: IP65
- Operating Temperature: -20 degree centigrade~ 40 degree centigrade

### Working Mode

- Independent Mode
- DMX Mode
- Master/Slave Mode

### Function

- Flashing
- 9 Level Brightness
- Fading
- Control Mode: Independent mode: choose the effects that you need by button on the back of lighting;
- Master/slave: DMX mode: International standard DMX512 signal control (3XLR or standard 5XLR)



**Item: L0340**

**High Power LED Flood Light 0.5m/ 1m**

- Housing is made of die-cast aluminum good heat dissipation
- White, black, silver finish are available, other special finish please confirm with factory
- Special outdoor powder coating ensure good corrosion resistance
- High power and good quality reflector bring you superior lighting conditions
- IP65
- Idea for gymnasium, super market, residential housings outdoor projects and so on. It will bring you a colorful and beautiful world
- Angle beam of reflector 15 degree

**Features**

- Multiple light colors can make a colorful world
- Can be used with a RGB controller which can bring you more colorful effects
- Using OSRAM LED chips
- Energy saving and environment friendly
- Easy installation

**LEDs**

- Quantity of LED 18pcs 0.5m/36pcs 1m
- Input Volt.: 85-265VAC
- Wattage Output: 18W (Item: L0340)  
36W (Item: L0341)
- Working temperature:-20-55 C
- Color Temperature: 2700-6500K



**Item: L0336**

**High Power LED RGB Flood Light 0.5m/ 1m**

- Housing is made of die-cast aluminum good heat dissipation
- White, black, silver finish are available, other special finish please confirm with factory
- Special outdoor powder coating ensure good corrosion resistance
- High power and good quality reflector bring you superior lighting conditions
- IP65
- Idea for gymnasium, super market, and residential housings outdoor projects and so on. It will bring you a colorful and beautiful world
- Angle beam of reflector 15 degree

**Features**

- Multiple light colors can make a colorful world
- Can be used with a RGB controller which can bring you more colorful effects
- Using OSRAM LED chips
- Energy saving and environment friendly
- Easy installation

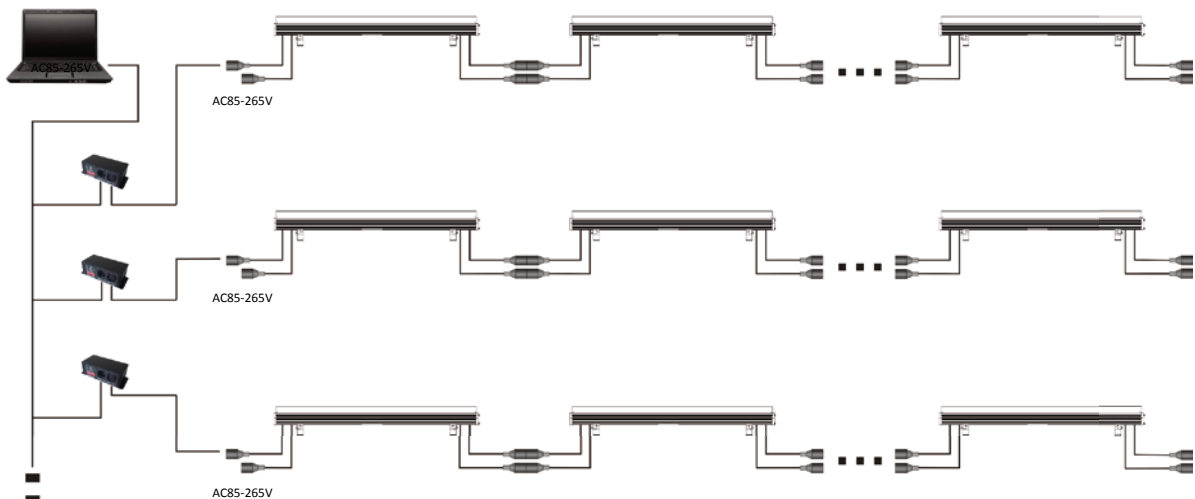
**LEDs**

- Quantity of LED 18pcs 0.5m/ 36pcs 1m
- Wattage Output: 36W (Item: L0336)  
72W (Item: L0336A)
- Working temperature:-20-55 C
- Color Temperature: 2700-6500K

**Single color system**



**Full color system**



↑ Cable less than 100m Note:DMX512 intelligent control



**Item: L0386**

**Dmx Digital LED Tube Light IP67**

- SMD RGB 5050 led chip
- DMX512 or SD Card digital tube is an RGB tube light suitable for indoor and outdoor decorative applications.
- Can achieve effects of full-color running water, chasing and scanning. Depending on the different installation methods may compose different dynamic effect of different color's character and design.
- The DMX addresses can be set automatically, solving the trouble of setting DMX address manually in a project.
- Comes in different lengths up to 210cm
- Guarantees light homogeneity and no dark zones between fixtures
- PC housing with anodized surface finish, ivory white PC diffuse available
- A combination of a aluminum shell and PCB board
- 4 spell line with blue, green, yellow, red color, with 48 PCS 5050 RGB LED with 4pcs TM1812 IC
- An ideal choice for linear lighting and building decorations. Compatible with universal DMX512 protocol standard, which can be controlled by any DMX devices; each tube can be divided into 1, 2, 6, 8, or 16 pixels as per typical requirements, introducing an eye-catching new element to the designer's toolbox for optical effects.

Description	L0386 (1M)	L0386A (0.5M)
Input voltage	24/12Vdc	24/12Vdc
Wattage	12W	6W
LED type	5050RGB	5050RGB
LED Q'ty	48pcs	24pcs
Number of segments	4 segments	2 segments
Life Span	50000h	50000h
IP Rated	IP67	IP67
Working temperature	-30~+50 Celsius	-30~+50 Celsius
Operating humidity	10-90% RH	10-90% RH



**Item: L1627**

**Mini LED Spot Light**

- Housing is made of die-cast aluminum good heat dissipation
- White, black, silver finish are available, other special finish please confirm with factory
- Special outdoor powder coating ensure good corrosion resistance
- High power and good quality reflector bring you superior lighting conditions
- IP65
- Idea for gymnasium, super market, residential housings outdoor projects and so on. It will bring you a colorful and beautiful world
- Glass cover

**Features**

- Multiple light colors can make a colorful world
- Can be used with a RGB controller which can bring you more colorful effects
- Using Epistar LED chips
- Energy saving and environment friendly
- Easy installation

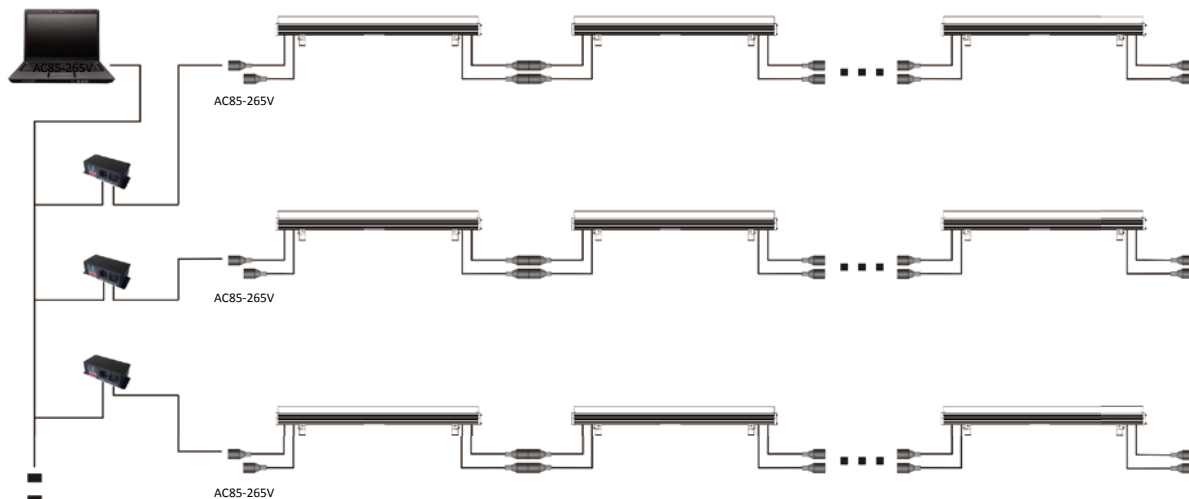
**LEDs**

- Epistar LED chips
- Length of wire doing according to customers' needs
- Input: 120V-277V
- Wattage Output: 3W
- Quantity of LEDs: 50pcs
- Working temperature: -20-55°C

**Single color system**



**Full color system**

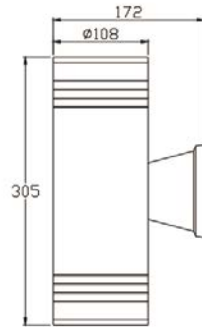


↑ Cable less than 100m Note:DMX512 intelligent control



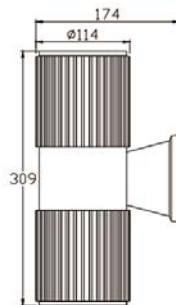
**Round Wall Light**

- Robust structure elegant appearance and high durability from high intensity die cast aluminum housing;
- Powder coating finish for reliable operation in atrocious weather, suitable for outdoor use;
- Optic effective high purity anodized aluminum reflector ensuring high luminous flux output;
- Waterproof superior silica gel gasket for optimal ingress protection and heat resistance above 250°;
- Clear diffuser in toughened glass for high light transmittance and heat resistance above 200°;
- Stainless steel fastens screw for easy installation and maintenance;
- IP65 Rated and class 1 electrical.



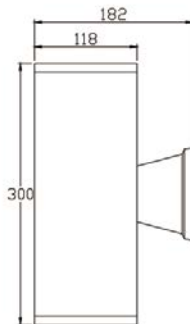
**Item: Y0512**

Lamp	Length (mm)	Socket
A19/A60	Φ108	E26/E27



**Item: Y0513**

Lamp	Length (mm)	Socket
A19/A60	Φ114	E26/E27



**Item: Y0514**

Lamp	Length (mm)	Socket
A19/A60	Φ118	E26/E27



## Item: Y0511

### LED Wall Lamp

- Small scale wall mounted cylinder designed for illumination on vertical walls or column surface
- Suitable for applications such as commercial, retail, hospitality or industrial
- The 316 stainless steel is of marine grade quality and has superior corrosion resistance
- Die-cast aluminum is available is powder-coated white, black or bronze
- Customer powder coat finishes are available. Consult factory
- Toughened glass cover, IP65 rated

### Aluminum Construction

- Architectural grade aluminum with TGIC polyurethane powder coat
- (Black, bronze or custom). Consult factory for custom powder coat finishes

### LEDs

- LED Chip Seoul/Cree/Epistar/Samsung/NXP/Bridgelux optional
- 500LM @ 5 Watt
- 900LM @ 9W is also available
- Working temperature: -20-55 C
- Color Temperature: 2700-6500K

### Mounting

- Fixture is fully assembled including pre-wired driver for easy installation
- Mounts directly to surface using anchors and screws



## Item: Y0606

- Die cast aluminum housing painted white/ black/ bronze/ silver for durability
- Gasket for water tight seal in wet locations provides IP65 rating
- Cover plate provided to protect housing interior during rough-in
- 1/2" conduit compression fittings provided for wiring
- 120 volts AC at 50/60Hz, 13 Watt
- Power factor > 0.9 at 120V input
- 3000K or 4100K color temperatures available
- Driver is thermally protected and has integral overload and short circuit protection
- Rated for 50,000 hours at 70% lumen maintenance



## Item: Y0607

- Mini LED step light is designed for installation in outdoor or indoor wall mount applications
- Die cast aluminum housing painted white/ black/ bronze/ silver for durability
- Gasket for water tight seal in wet locations provides IP65 rating
- Cover plate provided to protect housing interior during rough-in
- 120 volts AC at 50/60Hz, 3 Watt
- Power factor > 0.9 at 120V input
- 3000K or 4100K color temperatures available
- Driver is thermally protected and has integral overload and short circuit protection
- Rated for 50,000 hours at 70% lumen maintenance



**Item: Y0701**

- The in-ground series is available in stainless steel or solid brass.
- The 316 marine grade stainless steel is cold worked and has superior corrosion resistance.
- Fixture is for use with a remote transformer (not included).
- Ideal for applications near the coast and other harsh environments.
- IP67 Rated

**Lamp**

- 9-15V AC/DC Input
- High Brightness LED 8W max.
- Color Temperature:2700K-6000K
- 12° Narrow Spot, 20° Spot, 30° Narrow Flood and 40° Flood
- Heat Sinking: Integral to the fixture
- Life Span: 50,000 hours



**Item: Y0702**

- The in-ground series is available in stainless steel or solid brass.
- The 316 marine grade stainless steel is cold worked and has superior corrosion resistance.
- Fixture is for use with a remote transformer (not included).
- Ideal for applications near the coast and other harsh environments.
- IP67 Rated

**Lamp**

- 9-15V AC/DC Input
- High Brightness LED 8W max.
- Color Temperature:2700K-6000K
- 12° Narrow Spot, 20° Spot, 30° Narrow Flood and 40° Flood
- Heat Sinking: Integral to the fixture
- Life Span: 50,000 hours



**Item: Y0703**

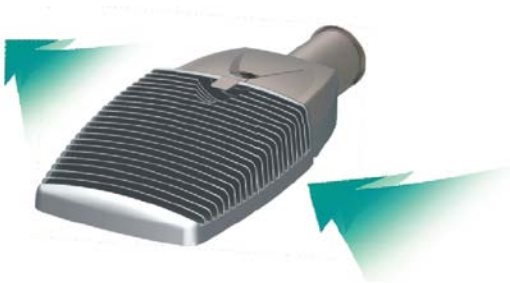
- The in-ground series is available in stainless steel or solid brass.
- The 316 marine grade stainless steel is cold worked and has superior corrosion resistance.
- Fixture is for use with a remote transformer (not included).
- Ideal for applications near the coast and other harsh environments.
- IP67 Rated

**Lamp**

- 9-15V AC/DC Input
- High Brightness LED 8W max.
- Color Temperature:2700K-6000K
- 12° Narrow Spot, 20° Spot, 30° Narrow Flood and 40° Flood
- Heat Sinking: Integral to the fixture
- Life Span: 50,000 hours



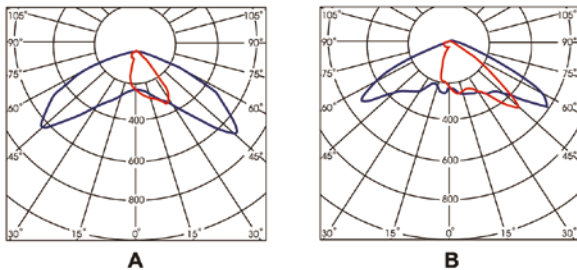
### Heat dissipation



### Special gear box



### Light distribution curve



### Item: Y0801

#### LED Street Light

- Y0801 is a new energy saving and environment protection luminaries designed from considering food lighting requirements and avoiding traditional lighting defects to protect a uniformity High efficiency lighting output and good uniformity.
- Y0801 has many special characters including used high power Cree leds, heat super-conduct material designed and intelligent power control and so on. Which make Y0801 show very excellent performance in road lighting and it mainly designed for low power consuming which will be the best choose for your path, garden etc.

#### Product Features

- Streamline configuration combining with LED fittings perfectly
- Authentic outlook of the light is also special landscape for the city light
- The streamline configuration can also help to shed deposit effectively and maintain a safe temperature which guarantees low level high depreciation and longer life span
- Pressure die-cast aluminum alloy(ADC12) housing guarantees IP65 with high intensity
- Bat-wing photometric system accurately delivers rectangle light spot and insures uniform luminance with 40m interval.
- The heat produced by the luminaries when working is effectively taken away by natural wind flow
- Independent gear box has an upper cover simply and firmly locked by a rolling bar for easy installation and maintenance.
- PC electroplated reflector with 95% efficiency
- Horizontal or longitudinal arm installation
- Original CREE leds with high lumen efficiency.
- High light transmittance and constant color from superior temper glass diffuser.
- Reliable diver with short protection, open-circuit protection and over-heat protection, ensuring 50000 hours life span.

Wattage	Initial Luminous Flux	Constant Luminous Flux	System Consumption
100*1.5	14250lm	12525lm	170W
120*1.5	17100lm	16390lm	203W
40*2	6400lm	5760lm	90W
60*2	9600lm	8640lm	136W
80*2	12800lm	11520lm	181W
90*2	14400lm	12960lm	203W

#### Heat Dissipation

- Cooling fins on camber back make surface area double.
- Those fans are even designed to be along vehicles driving direction so that wind flow produced by vehicles can takes away the heat effectively and maintains a temperature raising under 23K.

#### Special Gear Box

- Special gear box an upper cover simply and firmly locked by a rolling bar easy installation and maintenance.

#### LEDs

- Input Voltage: AC85-265V
- Frequency: 47-63Hz
- PF > 95%
- THD < 15%

#### CREE

- Luminous Efficiency > 95lm/w
- CRI > 80%
- Working Temperature: -30 C -50 C
- Life Time > 50000h



**Item: Y0802**

**LED Street Light**

- > 30W Street LED Light  
2400 Lumen output  
30W LED power consumption  
Color Temperature:2700K-6000K  
50,000 hours lifespan  
Color Index(CRI): Ra>80  
Wide operating voltage: 86-250 VAC  
Operating temperature: -35°C to 40°C  
Made of aluminum and glass  
IP65 Rated  
Great for lanes, roads and parking garages
  
- > 36W version, uses 30 pcs 1.15w high power LED  
110-120 lumen per LED and the initial lumen for the 36W can reach 3300-3600 lumen output( With Bridgelux or CREE LED chips inside )
  
- > 48W version, uses 40 pcs 1.15w high power LED  
110-120 lumen per LED and the initial lumen for the 48W can reach 4400-4800 lumen output ( With Bridgelux or CREE LED chips inside )  
Those two versions just use the same street light casing
  
- > 60W Street LED Light  
6180 Lumen output. 69 Watt LED power consumption  
Color Temperature:2700K-6000K  
50,000 hours lifespan  
Color Index(CRI): Ra>80  
Wide operating voltage: 86-250 VAC  
Operating temperature: -35°C to 40°C  
Made of aluminum and glass  
IP65 Rated  
Great for sidewalks, roads and parking garages
  
- > Agile & Convenient installation  
Environment protected, energy saved, no empoison. LED is no empoison for environment  
protected energy saving lighting  
Applicability scope: city roads, habitation areas, industrial areas, pedestrian crossing,  
squares, gardens, schools, villas, yards, etc

