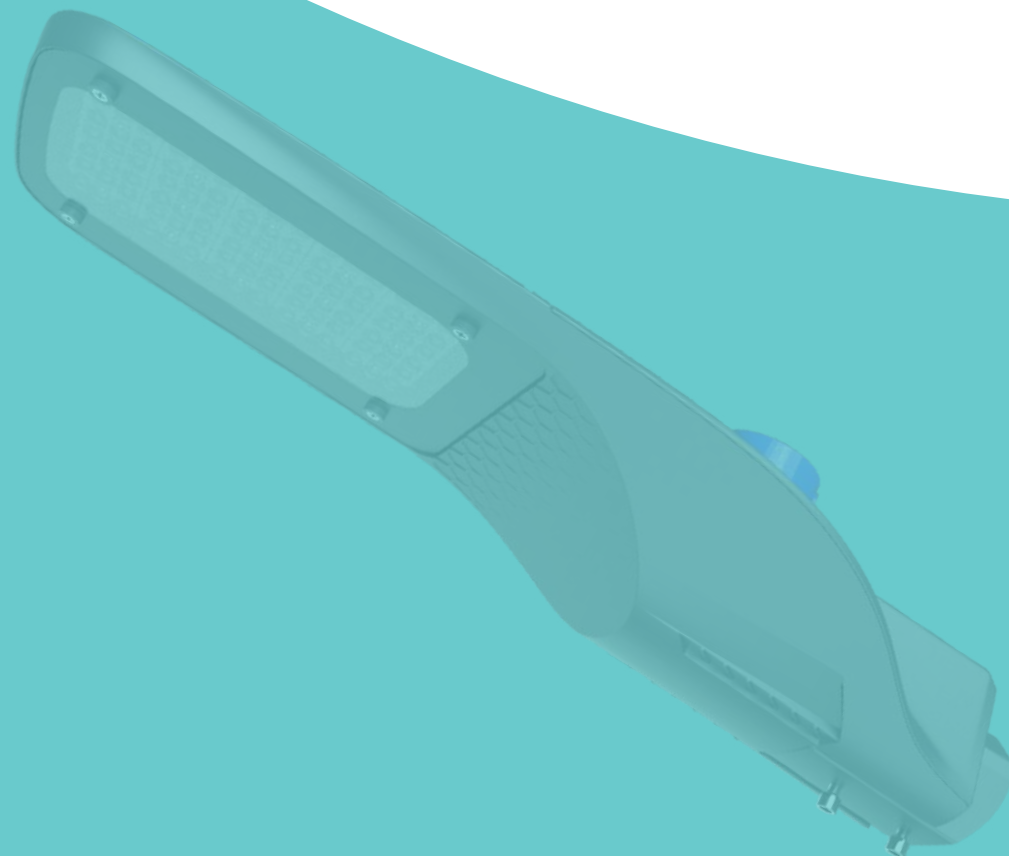


Since 2008 >>>

**LEYOND®** 雷亞德



# PRODUCTS DIRECTORY

Top 3 LED Street Light Exporter

**2024** <<<

深圳市雷亚德光电有限公司  
SHENZHEN LEYOND LIGHTING CO.,LTD.

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# 深圳市雷亚德光电有限公司

## Shenzhen Leyond Lighting CO.,Ltd



## COMPANY PROFILE

Shenzhen LEYOND Lighting Co.,Ltd was established in 2008 and is a wholly-owned subsidiary of Hong Kong(Liyang )Electronics.

LEYOND is located in the beautiful Shenzhen city,It is a national High-tech enterprise specializing in LED industrial Lighting and outdoor lighting. LEYOND has more than 6,000 square meters of 100,000-level dust-free workshops and more than 150 employees, including more than 30 R&D staff, Annual sales over 20 million USD,products export to more than 60 countries.

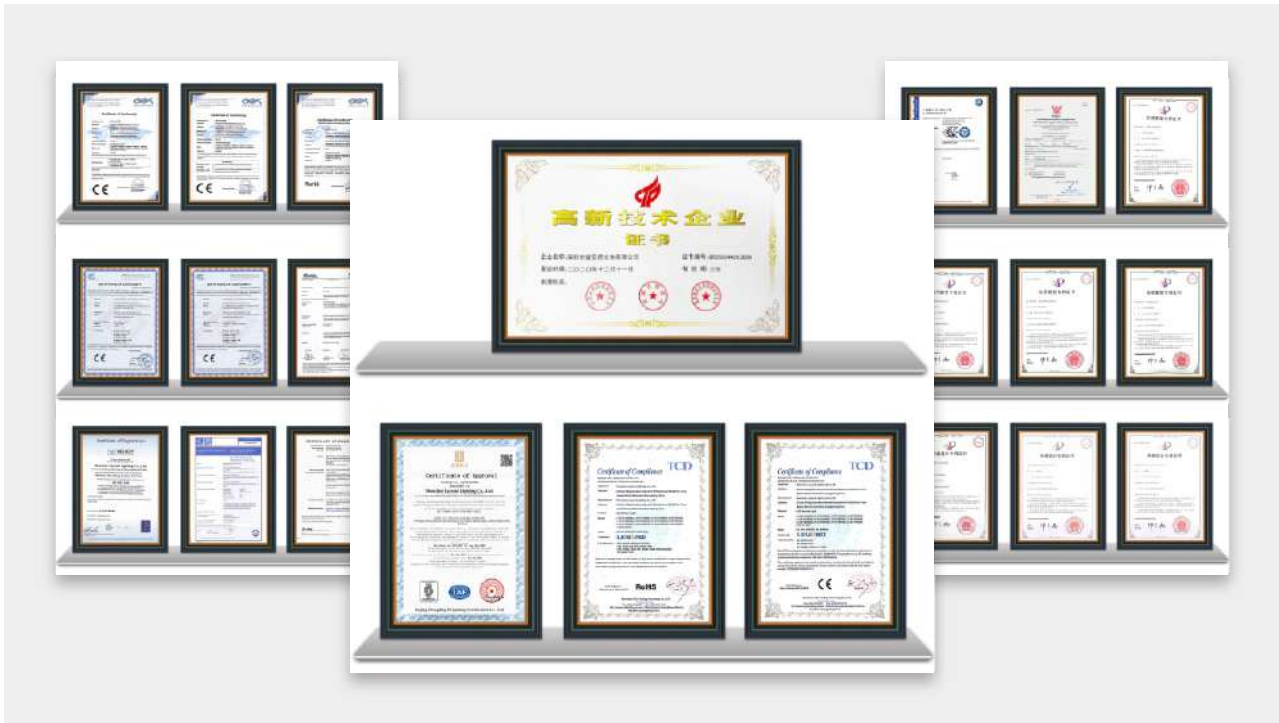
"Innovation, Be Yourself" Shenzhen LEYOND Lighting Co., Ltd insists on self-development, original design, and has a top-notch R&D team and leading peer products. Our main products include LED street lights, solar street lights, LED stadium lights and high bay lights, etc. In particular, LED street lamps have long been among the top 20 exporters in China, and ranked third in China's LED street lamp exports in 2016.

"Customer First, Staff First" is the company's core value! Since its establishment, LEYOND always insisted on providing customers with first-class products and service, respecting employees, sharing the fruits of the company's growth with employees, and achieving a win-win situation for customers, employees and the company!

In the new century, Shenzhen LEYOND Lighting Co.,Ltd is willing to work with you to continue on the road of green lighting, Hands together, find the value of light, and discover the charm of light!



# Qualification Certificate



# Production Equipment



# CASE STUDIES



100W Sword LED Street Light  
In HongKong,China



200W Sword LED Street Light  
In Bengal



100W SUNPLUS Solar LED Street light  
In Portugal



30W Solar LED Garden Light  
In Thailand



50W SUNPRO Solar LED Street Light  
In Australia



30W SUNPRO Solar LED Street light  
In France



40W King LED Street Light  
In Czech



100W Off-Grid Solar LED Street Light  
In Vietnam



100W Dali LED Stadium Light  
In Germany

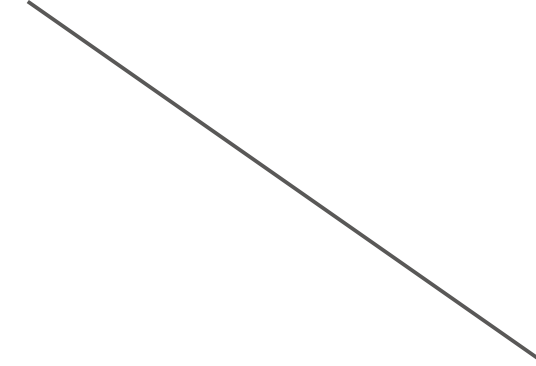
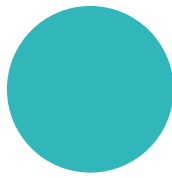
LED Road Lighting

- SUNPLUS Solar LED Street Light
- SUNLUX Solar LED Street Light
- SUNPRO Solar LED Street Light
- Solar LED Garden Light
- SUNWAY Solar LED Street Light
- SUNRISE Solar LED Flood Light

01  
02  
03  
04  
05  
07  
09



- Aurora LED Street Light 10
- Petrel LED Street Light 11
- King LED Street Light 13
- Sword LED Street Light 15
- Spiderman LED Street Light 17
- Galaxy LED Street Light 18



LED Intelligent Control

- Photocell Sensor
- Microwave Motion Sensor
- Surge Protection Device

31  
33  
33  
34



Sports Area Lighting

- LED Module Flood Light 21
- LED Stadium Light 23
- LED Flood Light 24
- RGB LED Flood Light 25
- LED Module Light 26

19



LED Industrial Lighting

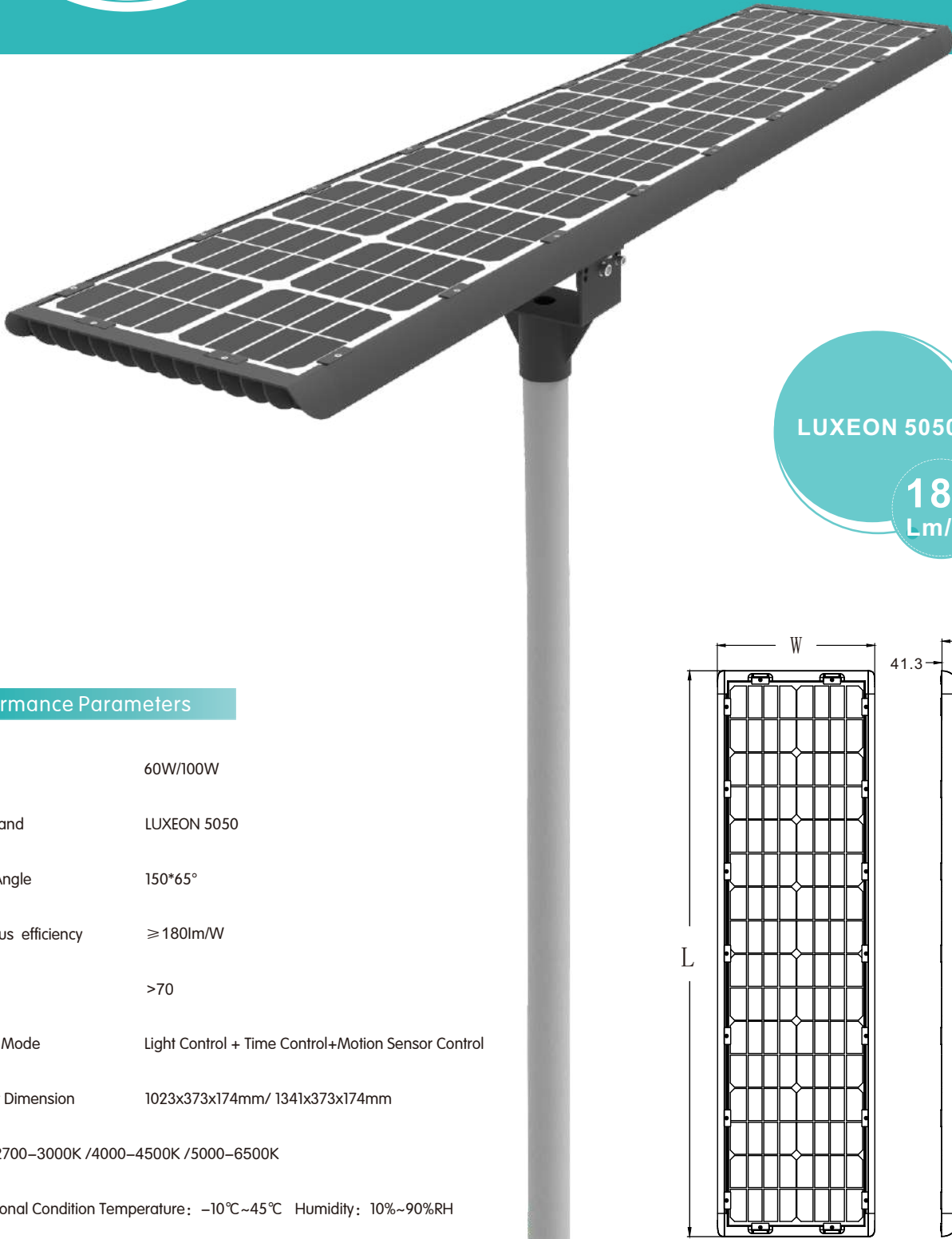
- LED UFO High Bay Light 29
- LED Canopy Light 30

27





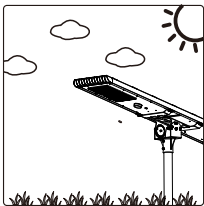
# SUNPLUS SOLAR LED STREET LIGHT



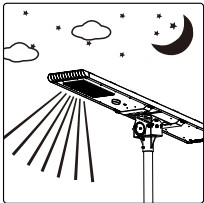
LUXEON 5050  
180 Lm/W

## Features

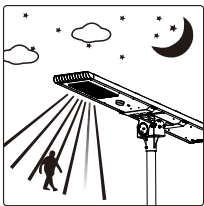
- 1、The lamp adopts integrated structure design, with better heat dissipation design and longer life.
- 2、Using LUXEON 5050 lamp beads, the whole lighting effect is up to 180lm/W.
- 3、The solar panel is made of monocrystalline silicon, with a higher conversion efficiency, up to 22%, and a service life of up to 25 years.
- 4、Using the most advanced MPPT tracking control technology to improve system efficiency and reduce costs.
- 5、It has functions of light control, time control, dimming, intelligent power saving + morning light.
- 6、Solar controller built-in lightning protection module.
- 7、Using ternary lithium/LiFePO4 battery technology, the battery capacity is high.
- 8、365 days uninterrupted power.
- 9、Three control model: Time control + light sensor control + motion sensor control.



01  
Solar panel charges in sunny daytime. Light works at night with the power stored by battery.



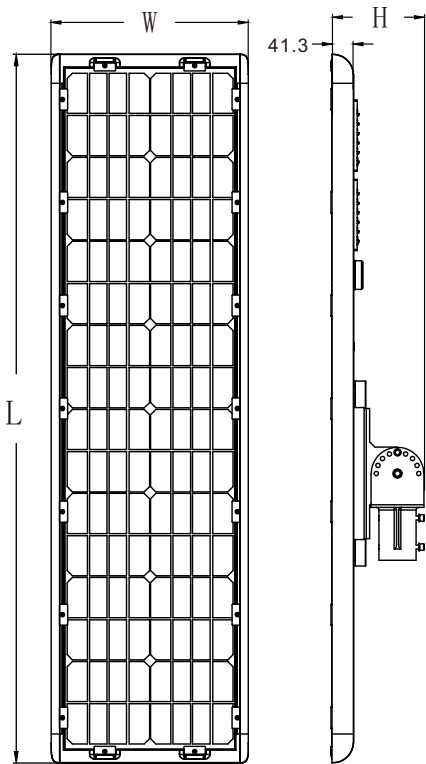
02  
When people leaves 8-10M away, after set times, the light will dim to set brightness.



03  
When people comes 8-10M near, the light will turn on with full brightness.

## Performance Parameters

|                                   |                                                    |
|-----------------------------------|----------------------------------------------------|
| Power                             | 60W/100W                                           |
| Chip brand                        | LUXEON 5050                                        |
| Beam Angle                        | 150°65°                                            |
| Luminous efficiency               | ≥ 180lm/W                                          |
| CRI                               | >70                                                |
| Control Mode                      | Light Control + Time Control+Motion Sensor Control |
| Product Dimension                 | 1023x373x174mm/ 1341x373x174mm                     |
| CCT                               | 2700-3000K /4000-4500K /5000-6500K                 |
| Operational Condition Temperature | -10℃~45℃ Humidity: 10%~90%RH                       |



# SUNLUX SOLAR LED STREET LIGHT

LUXEON 5050/20-60W

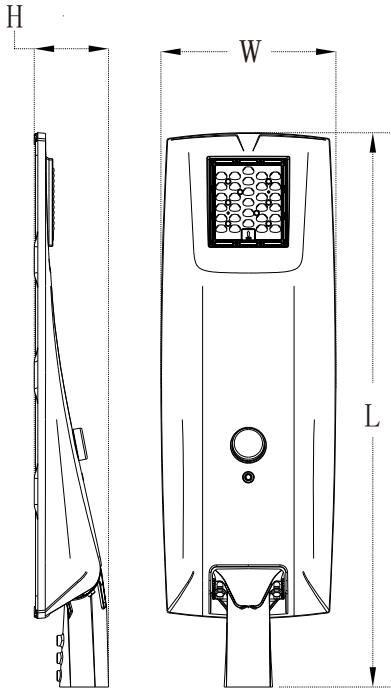
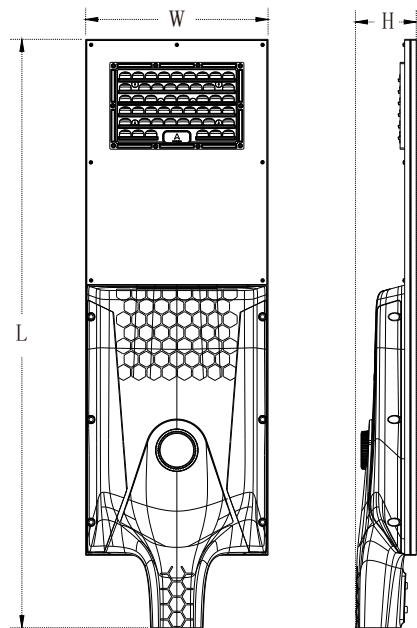
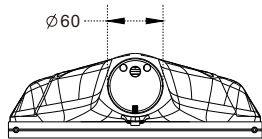


180  
Lm/W

Sensor

## Performance Parameters

|                                                                 |                                                             |
|-----------------------------------------------------------------|-------------------------------------------------------------|
| Power                                                           | 20W/40W/60W                                                 |
| Chip brand                                                      | LUXEON 5050                                                 |
| Beam Angle                                                      | 150°*65°                                                    |
| Luminous efficiency                                             | ≥180lm/W                                                    |
| CRI                                                             | >70                                                         |
| Control Mode                                                    | Light Sensor Control + Time Control + Motion Sensor Control |
| Product Dimension                                               | 785x283x95mm/ 913x283x95mm/ 1041x283x95mm                   |
| CCT: 2700–3000K /4000–4500K /5000–6500K                         |                                                             |
| Operational Condition Temperature: –10℃~45℃ Humidity: 10%~90%RH |                                                             |



# SUNPRO SOLAR LED STREET LIGHT

“ Full power>12 hours,  
Intelligent mode 3-4 days „

|                                             |               |
|---------------------------------------------|---------------|
| Power                                       | 20W/30W       |
| Product Dimension:                          | 750x257x102mm |
| Chip brand                                  | LUXEON 5050   |
| Beam angle                                  | 150°*65°      |
| Luminous efficiency                         | ≥160lm/W      |
| CRI                                         | >70           |
| Installation height                         | 4–6m          |
| CCT: 2700–3000K/4000–4500K/5000–6500K       |               |
| Operational Condition Temperature: –10℃~45℃ |               |
| Humidity: 10%~90%RH                         |               |



|                                             |               |
|---------------------------------------------|---------------|
| Power                                       | 40W/50W       |
| Product Dimension                           | 945x298x127mm |
| Chip brand                                  | LUXEON 5050   |
| Beam angle                                  | 150°*65°      |
| Luminous efficiency                         | ≥160lm/W      |
| CRI                                         | >70           |
| Installation height                         | 4–6m          |
| CCT: 2700–3000K /4000–4500K/5000–6500K      |               |
| Operational Condition Temperature: –10℃~45℃ |               |
| Humidity: 10%~90%RH                         |               |



# SOLAR LED GARDEN LIGHT

Conversion head diameter of 60mm.76mm.



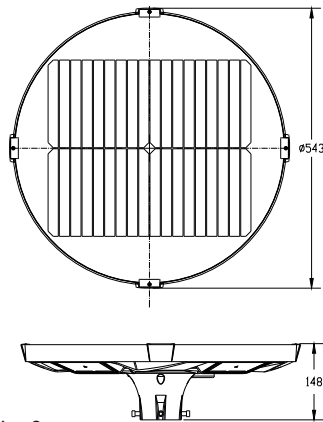
Motion sensor

## Performance Parameters

|                     |                                              |
|---------------------|----------------------------------------------|
| Power               | 20W/30W                                      |
| Chip brand          | LUXEON 3030                                  |
| Beam Angle          | 100°100 °                                    |
| Luminous efficiency | ≥150lm/W                                     |
| CRI                 | >70                                          |
| Control Mode        | Light Control + Time Control + Motion Sensor |

CCT: 2700–3000K /4000–4500K /5000–6500K

Operational Condition Temperature: –10℃~45℃ Humidity: 10%~90%RH



# LED GARDEN LIGHT

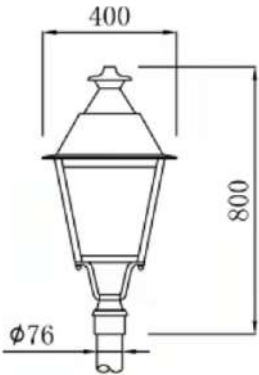
Conversion head diameter of 60mm.70mm.80mm

## Performance Parameters

|                     |                |
|---------------------|----------------|
| Power               | 30W–100W       |
| Chip brand          | LUXEON 3030    |
| Beam Angle          | 60° /90° /120° |
| Luminous efficiency | ≥150lm/W       |
| CRI                 | >70            |

CCT: 2700–3000K /4000–4500K /5000–6500K

Operational Condition Temperature: –10℃~45℃ Humidity: 10%~90%RH

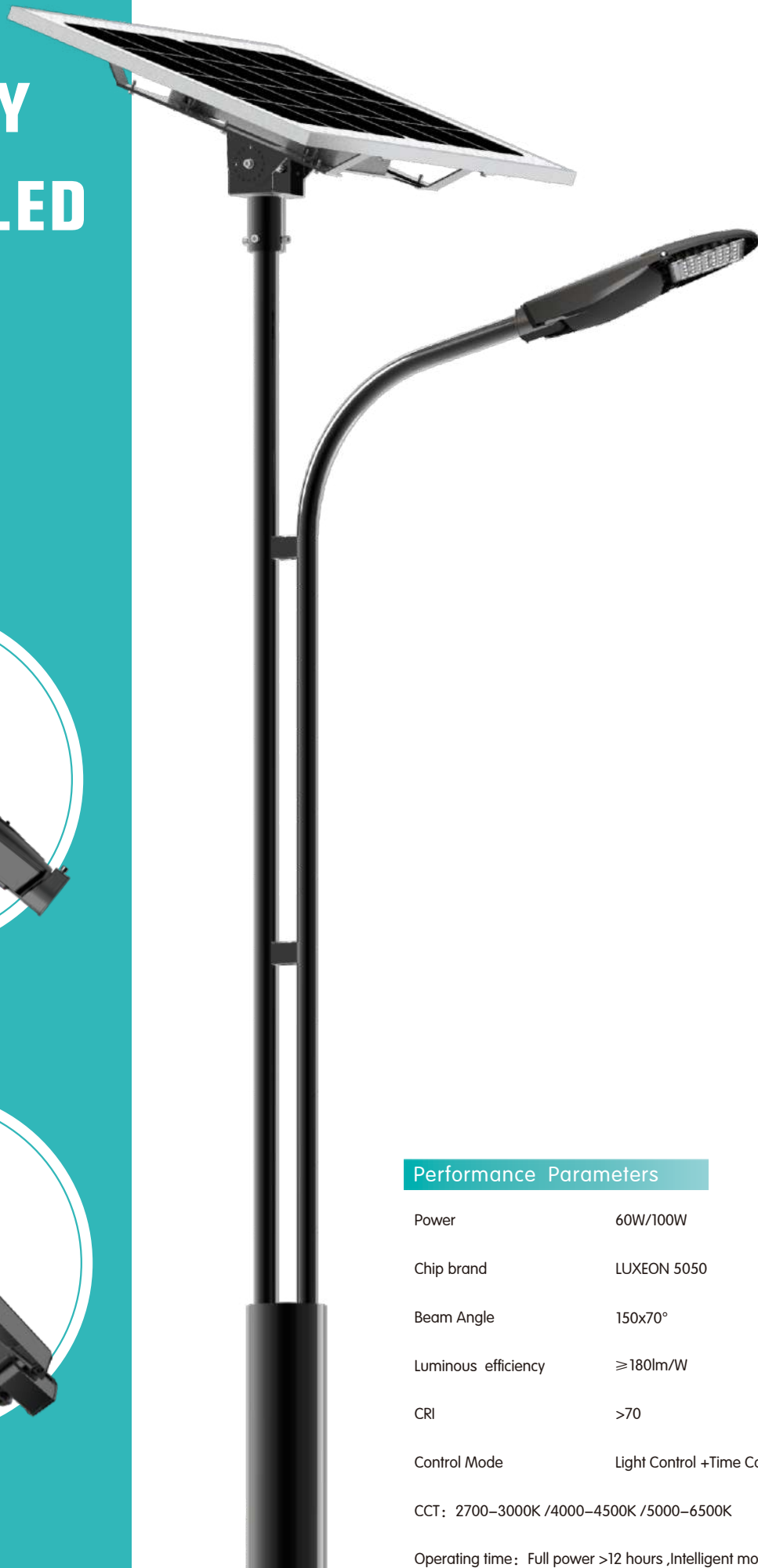


LUXEON 3030  
150lm/W



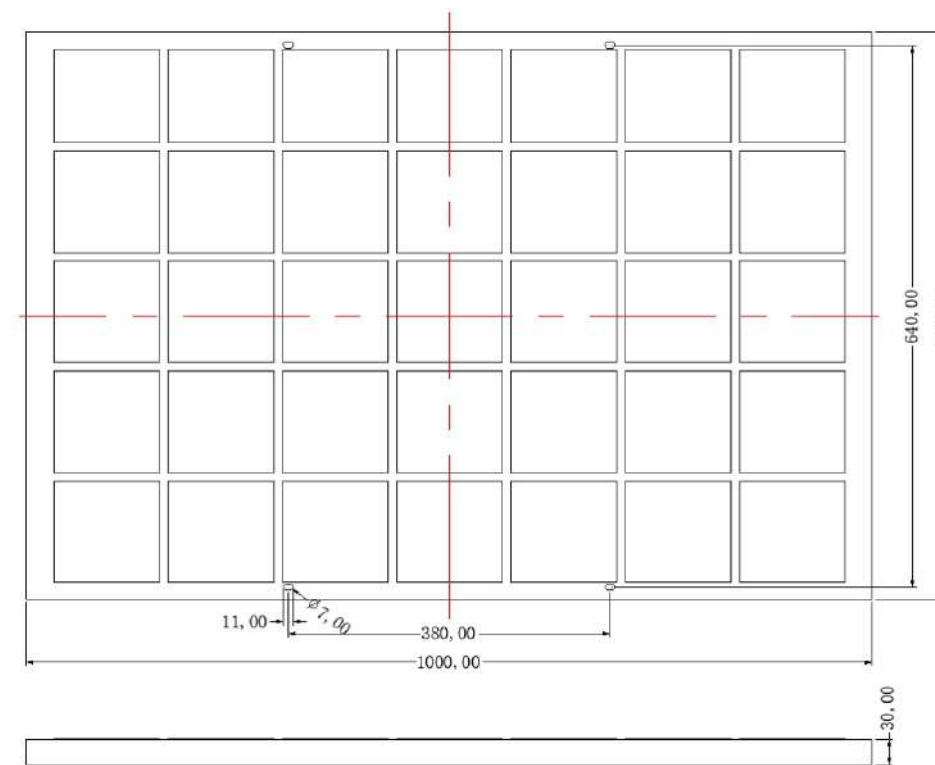


# SUNWAY SOLAR LED STREET LIGHT

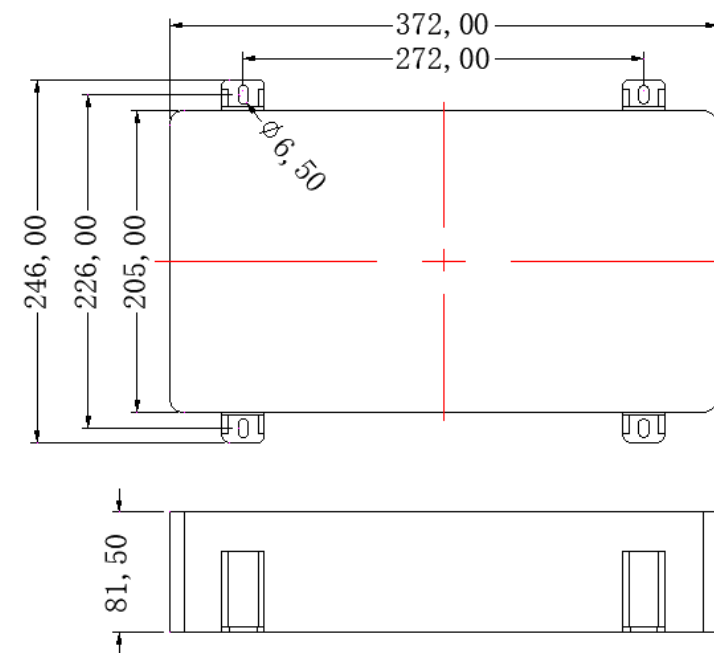


## Performance Parameters

|                                                                 |                             |
|-----------------------------------------------------------------|-----------------------------|
| Power                                                           | 60W/100W                    |
| Chip brand                                                      | LUXEON 5050                 |
| Beam Angle                                                      | 150x70°                     |
| Luminous efficiency                                             | ≥180lm/W                    |
| CRI                                                             | >70                         |
| Control Mode                                                    | Light Control +Time Control |
| CCT: 2700–3000K /4000–4500K /5000–6500K                         |                             |
| Operating time: Full power >12 hours ,Intelligent mode 3–4 days |                             |



Solar panel



Battery pack

## FEATURES

1. The lamp adopts integrated structure design, with better heat dissipation design and longer life;
2. Using LUXEON 5050 lamp beads, the whole lighting efficiency is up to 160lm/W;
3. The solar panel is made of monocrystalline silicon, with a higher conversion efficiency, up to 22%, and a service life of up to 25 years;
4. Using the most advanced MPPT tracking control technology to improve system efficiency and reduce costs;
5. It has functions of light control, time control, dimming, intelligent power saving + morning light;
6. Solar controller built-in lightning protection module;
7. Using ternary lithium/LiFePO4 battery technology, the battery capacity is high;
8. 365 days uninterrupted power.

- Mainly suitable for
1. City roads, highways, schools, industrial areas, parks and other public areas
  2. Regions with relatively poor power and energy
  3. Remote areas such as rural areas.

## APPLICATION



# SUNRISE SOLAR LED FLOOD LIGHT

## Performance Parameters

|                     |                              |
|---------------------|------------------------------|
| Power               | 10W~30W                      |
| Chip brand          | LEYOND 2835                  |
| Beam Angle          | 120 °                        |
| Luminous efficiency | ≥ 200 lm/W                   |
| CRI                 | >70                          |
| Control Mode        | Light Control + Time Control |

CCT: 2700~3000K /4000~4500K /5000~6500K

Operational Condition Temperature: -10℃~45℃ Humidity: 10%~90%RH



10W



20W



30W

| Model      | Power Consumption | Battery                        | Beam angle | Luminous flux(lm) | Chip Brand  | Solar panel | Installation height | Product Dimension | Operating time                                        |
|------------|-------------------|--------------------------------|------------|-------------------|-------------|-------------|---------------------|-------------------|-------------------------------------------------------|
| LY-SFL100W | 10W               | 32700<br>LiFePO4<br>3.2V 25 Ah | 120°       | 2000              | LEYOND 2835 | 50W         | 3~5M                | 255X280X75mm      | Full power >12<br>hours ,Intelligent<br>mode 3~4 days |
| LY-SFL200W | 20W               | 32700<br>LiFePO4<br>3.2V 35 Ah | 120°       | 4000              | LEYOND 2835 | 80W         | 4~6M                | 295X280X85mm      |                                                       |
| LY-SFL300W | 30W               | 32700<br>LiFePO4<br>3.2V 45 Ah | 120°       | 6000              | LEYOND 2835 | 100W        | 5~7M                | 335X370X95mm      |                                                       |

# AURORA LED STREET LIGHT

5050  
165Lm/W



## Performance Parameters

|                     |                            |
|---------------------|----------------------------|
| Input Voltage       | AC100~240V 50/60Hz         |
| Power               | 30W~180W                   |
| Beam Angle          | Type I / II / III / IV / V |
| Power factor        | ≥ 0.98                     |
| Power efficiency    | ≥ 90%                      |
| Luminous efficiency | ≥ 160lm/W                  |
| CRI                 | >70                        |

CCT: 2700~3000K / 4000~4500K / 5000~6500K

Operational Condition Temperature: -30℃~60℃ Humidity: 10%~90%RH



| Model        | Power Consumption | Current    | Product Dimension | Luminous Efficiency | Luminous Flux | IP Rating | Net Weight |
|--------------|-------------------|------------|-------------------|---------------------|---------------|-----------|------------|
| LY-ST85030XX | 30W               | 0.14A/220V | 544X237X106mm     | 165lm/W             | 4950lm        | IP66      | 4.0kg      |
| LY-ST85050XX | 50W               | 0.24A/220V | 544X237X106mm     | 160lm/W             | 8000lm        | IP66      | 4.0kg      |
| LY-ST85080XX | 80W               | 0.38A/220V | 742X297X106mm     | 163lm/W             | 13040lm       | IP66      | 5.8kg      |
| LY-ST85100XX | 100W              | 0.48A/220V | 742X297X106mm     | 155lm/W             | 15500lm       | IP66      | 5.8kg      |
| LY-ST85120XX | 120W              | 0.57A/220V | 742X297X106mm     | 160lm/W             | 19200lm       | IP66      | 6.0kg      |
| LY-ST85150XX | 150W              | 0.72A/220V | 742X297X106mm     | 158lm/W             | 23700lm       | IP66      | 6.0kg      |
| LY-ST85180XX | 180W              | 0.83A/220V | 742X297X106mm     | 153lm/W             | 27540lm       | IP66      | 6.0kg      |

# PETREL LED STREET LIGHT



IP66



## Performance Parameters

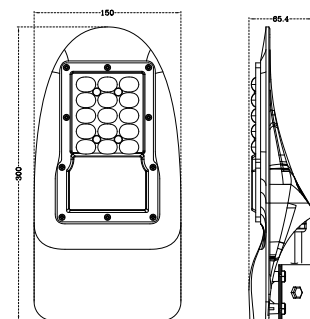
|                       |                                                                               |
|-----------------------|-------------------------------------------------------------------------------|
| Input Voltage         | AC100~240V 50/60Hz                                                            |
| Power                 | 40W~180W                                                                      |
| Beam Angle            | Type III (150°80°)                                                            |
| Power factor          | $\geq 0.98$                                                                   |
| Power efficiency      | $\geq 92\%$                                                                   |
| Luminous efficiency   | $\geq 150/160\text{lm/W}$                                                     |
| CRI                   | $>70$                                                                         |
| CCT                   | 2700~3000K / 4000~4500K / 5000~6500K                                          |
| Operational Condition | Temperature: $-30^{\circ}\text{C}$ ~ $60^{\circ}\text{C}$ Humidity: 10%~90%RH |

3030/5050  
150/160Lm/W



| Model        | Power Consumption | Current    | Product Dimension | Luminous Efficiency | Luminous Flux | IP Rating | Net Weight |
|--------------|-------------------|------------|-------------------|---------------------|---------------|-----------|------------|
| LY-ST80040XX | 40W               | 0.19A/220V | 580X180X106mm     | 153/163lm/W         | 6120/6520lm   | IP66      | 3.5kg      |
| LY-ST80060XX | 60W               | 0.28A/220V | 580X180X106mm     | 150/160lm/W         | 9000/9600lm   | IP66      | 3.5kg      |
| LY-ST80080XX | 80W               | 0.37A/220V | 702X200X109mm     | 153/163lm/W         | 12240/13040lm | IP66      | 4.4kg      |
| LY-ST80100XX | 100W              | 0.46A/220V | 702X200X109mm     | 151/161lm/W         | 15100/16100lm | IP66      | 4.4kg      |
| LY-ST80120XX | 120W              | 0.56A/220V | 806X200X109mm     | 150/160lm/W         | 18000/19200lm | IP66      | 5.0kg      |
| LY-ST80150XX | 150W              | 0.70A/220V | 806X200X109mm     | 153/163lm/W         | 22950/24450lm | IP66      | 5.0kg      |
| LY-ST80180XX | 180W              | 0.83A/220V | 806X200X109mm     | 150/160lm/W         | 27000/28800lm | IP66      | 5.1kg      |





|              |     |           |         |      |      |
|--------------|-----|-----------|---------|------|------|
| LY-ST50020PW | 20W | 0.10/220V | 162lm/W | 3240 | IP66 |
| LY-ST50025PW | 25W | 0.12/220V | 160lm/W | 4000 | IP66 |
| LY-ST50030PW | 30W | 0.14/220V | 160lm/W | 4800 | IP66 |



## Mini KING LED STREET LIGHT

### Performance Parameters

Input Voltage AC100~240V 50/60Hz

Power 20W~30W

Beam Angle Type III

Power factor  $\geq 0.98$

Power efficiency  $\geq 90\%$

Luminous efficiency  $\geq 160\text{lm/W}$

CRI  $>70$

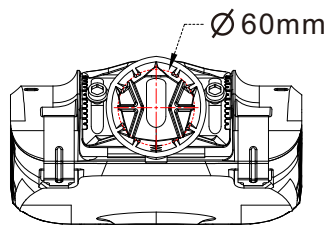
CCT: 2700~3000K / 4000~4500K / 5000~6500K

Operational Condition Temperature:  $-30^{\circ}\text{C} \sim 60^{\circ}\text{C}$  Humidity: 10%~90%RH

IP66



LUXEON 5050  
160lm/W



# KING LED STREET LIGHT

### Performance Parameters

Input Voltage AC100~240V 50/60Hz

Power 40W~180W

Beam Angle Type I / II / III / IV / V

Power factor  $\geq 0.98$

Power efficiency  $\geq 90\%$

Luminous efficiency  $\geq 160\text{lm/W}$

CRI  $>70$

CCT: 2700~3000K / 4000~4500K / 5000~6500K

Operational Condition Temperature:  $-30^{\circ}\text{C} \sim 60^{\circ}\text{C}$  Humidity: 10%~90%RH



LUXEON 5050  
160lm/W

| Model        | Power Consumption | Current    | Luminous Efficiency | Product Dimension | Luminous Flux | IP Rating | Net Weight |
|--------------|-------------------|------------|---------------------|-------------------|---------------|-----------|------------|
| LY-ST50040XX | 40W               | 0.19A/220V | 165lm/W             | 619X240X139mm     | 6600lm        | IP66      | 5.0kg      |
| LY-ST50050XX | 50W               | 0.24A/220V | 165lm/W             | 619X240X139mm     | 8250lm        | IP66      | 5.0kg      |
| LY-ST50060XX | 60W               | 0.29A/220V | 160lm/W             | 619X240X139mm     | 9600lm        | IP66      | 5.0kg      |
| LY-ST50070XX | 70W               | 0.34A/220V | 158lm/W             | 619X240X139mm     | 11060lm       | IP66      | 5.0kg      |
| LY-ST50080XX | 80W               | 0.37A/220V | 165lm/W             | 722X300X149mm     | 13200lm       | IP66      | 6.2kg      |
| LY-ST50100XX | 100W              | 0.47A/220V | 160lm/W             | 722X300X149mm     | 16000lm       | IP66      | 6.2kg      |
| LY-ST50120XX | 120W              | 0.56A/220V | 165lm/W             | 767X300X149mm     | 19800lm       | IP66      | 7.0kg      |
| LY-ST50150XX | 150W              | 0.72A/220V | 160lm/W             | 767X300X149mm     | 24000lm       | IP66      | 7.0kg      |
| LY-ST50180XX | 180W              | 0.85A/220V | 158lm/W             | 767X300X149mm     | 28400lm       | IP66      | 7.0kg      |



40W-70W



80W-100W



120W-180W

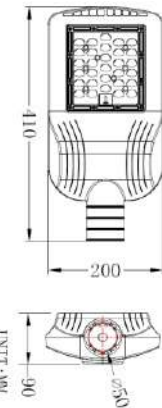


# SWORD LED STREET LIGHT

30W-200W / 150\*65°



LUXEON 5050  
160lm/W  
LUXEON 3030  
130lm/W



Ø 50/60mm

LUXEON 3030  
130lm/W

| Model        | Power Consumption | Current    | Luminous Efficiency | Product Dimension | Luminous Flux | IP Rating | Net Weight |
|--------------|-------------------|------------|---------------------|-------------------|---------------|-----------|------------|
| LY-ST20030XX | 30W               | 0.14A/220V | 140lm/W             | 410X200X90mm      | 4200lm        | IP65      | 2.8kg      |
| LY-ST20040XX | 40W               | 0.19A/220V | 135lm/W             | 410X200X90mm      | 6600lm        | IP65      | 2.8kg      |
| LY-ST20050XX | 50W               | 0.24A/220V | 132lm/W             | 410X200X90mm      | 6600lm        | IP65      | 2.8kg      |
| LY-ST20060XX | 60W               | 0.29A/220V | 130lm/W             | 410X200X90mm      | 7800lm        | IP65      | 2.8kg      |
| LY-ST20080XX | 80W               | 0.38A/220V | 140lm/W             | 542X290X105mm     | 11200lm       | IP65      | 5.9kg      |
| LY-ST20100XX | 100W              | 0.48A/220V | 135lm/W             | 542X290X105mm     | 13500lm       | IP65      | 5.9kg      |
| LY-ST20120XX | 120W              | 0.57A/220V | 130lm/W             | 542X290X105mm     | 15600lm       | IP65      | 5.9kg      |
| LY-ST20130XX | 130W              | 0.62A/220V | 140lm/W             | 642X290X120mm     | 18200lm       | IP65      | 6.9kg      |
| LY-ST20150XX | 150W              | 0.72A/220V | 135lm/W             | 642X290X120mm     | 20250lm       | IP65      | 6.9kg      |
| LY-ST20180XX | 180W              | 0.86A/220V | 130lm/W             | 642X290X120mm     | 23400lm       | IP65      | 6.9kg      |
| LY-ST20200XX | 200W              | 0.93A/220V | 130lm/W             | 642X290X120mm     | 26000lm       | IP65      | 6.9kg      |

## Performance Parameters

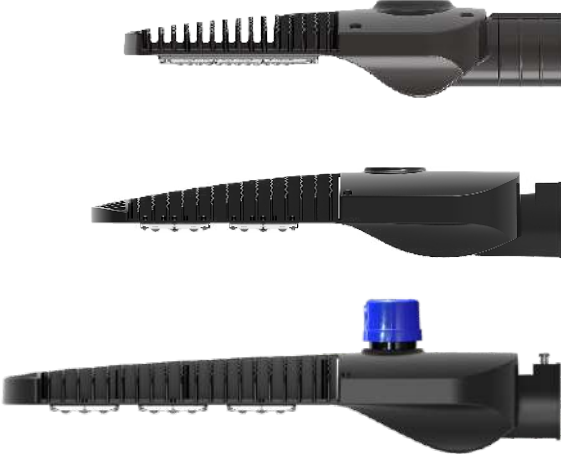
|                     |                    |
|---------------------|--------------------|
| Input Voltage       | AC100~240V 50/60Hz |
| Power               | 30W~200W           |
| Beam Angle          | 150*65°            |
| Power factor        | ≥ 0.98             |
| Power efficiency    | ≥ 90%              |
| Luminous efficiency | ≥ 130/160lm/W      |
| CRI                 | >70                |

CCT: 2700~3000K / 4000~4500K / 5000~6500K

Operational Condition Temperature: -30℃~60℃ Humidity: 10%~90%RH



PHOTOCELL SENSOR



LUXEON 5050  
160lm/W

| Model        | Power Consumption | Current    | Luminous Efficiency | Product Dimension | Luminous Flux | IP Rating | Net Weight |
|--------------|-------------------|------------|---------------------|-------------------|---------------|-----------|------------|
| LY-ST10030XX | 30W               | 0.14A/220V | 168lm/W             | 410X200X90mm      | 5040lm        | IP65      | 2.8kg      |
| LY-ST10040XX | 40W               | 0.19A/220V | 165lm/W             | 410X200X90mm      | 6600lm        | IP65      | 2.8kg      |
| LY-ST10050XX | 50W               | 0.24A/220V | 162lm/W             | 410X200X90mm      | 8100lm        | IP65      | 2.8kg      |
| LY-ST10060XX | 60W               | 0.29A/220V | 160lm/W             | 410X200X90mm      | 9600lm        | IP65      | 2.8kg      |
| LY-ST10070XX | 70W               | 0.33A/220V | 158lm/W             | 410X200X90mm      | 11060lm       | IP65      | 2.8kg      |
| LY-ST10080XX | 80W               | 0.38A/220V | 165lm/W             | 542X290X105mm     | 13200lm       | IP65      | 5.9kg      |
| LY-ST10100XX | 100W              | 0.48A/220V | 163lm/W             | 542X290X105mm     | 16300lm       | IP65      | 5.9kg      |
| LY-ST10120XX | 120W              | 0.57A/220V | 157lm/W             | 542X290X105mm     | 18840lm       | IP65      | 5.9kg      |
| LY-ST10130XX | 130W              | 0.62A/220V | 165lm/W             | 642X290X120mm     | 21450lm       | IP65      | 6.9kg      |
| LY-ST10150XX | 150W              | 0.72A/220V | 163lm/W             | 642X290X120mm     | 24450lm       | IP65      | 6.9kg      |
| LY-ST10180XX | 180W              | 0.86A/220V | 157lm/W             | 642X290X120mm     | 28260lm       | IP65      | 6.9kg      |
| LY-ST10200XX | 200W              | 0.93A/220V | 157lm/W             | 642X290X120mm     | 31400lm       | IP65      | 6.9kg      |



30W-70W



80W-120W



130W-200W

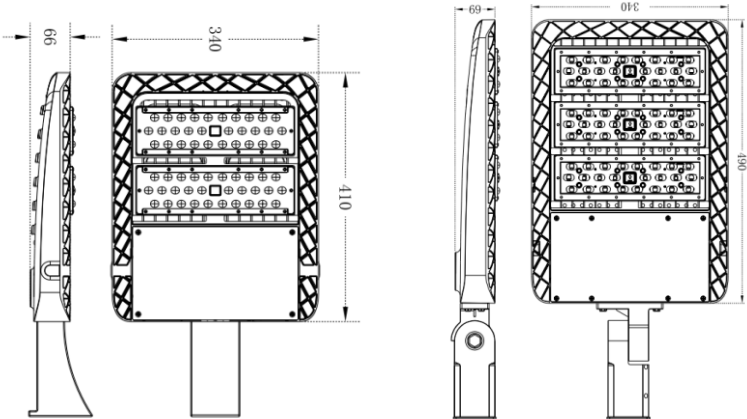
SPIDERMAN LED STREET LIGHT

Performance Parameters

|                     |                    |
|---------------------|--------------------|
| Input Voltage       | AC100~240V 50/60Hz |
| Power               | 80W~180W           |
| Beam Angle          | 150°*65° 155°*110° |
| Power factor        | ≥0.98              |
| Power efficiency    | ≥90%               |
| Luminous efficiency | ≥160lm/W           |
| CRI                 | >70                |

CCT: Warm White:2700~3000K Neutral White:4000~4500K Pure White:5000~6500K

Operational Condition Temperature: -30℃~60℃ Humidity: 10%~90%RH

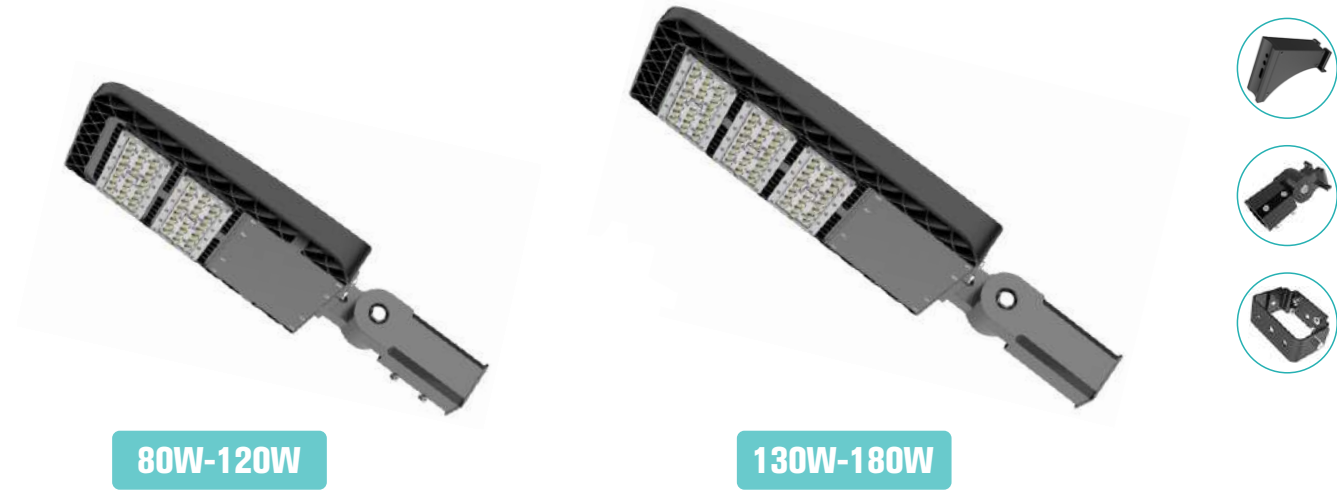


IP66

LUXEON 5050 160lm/W



LUXEON 5050  
160lm/W



| Model        | Power Consumption | Current    | Luminous Efficiency | Product Dimension | Luminous Flux | IP Rating | Net Weight |
|--------------|-------------------|------------|---------------------|-------------------|---------------|-----------|------------|
| LY-ST40080XX | 80W               | 0.37A/220V | 165lm/W             | 640X340X66mm      | 13200lm       | IP66      | 6.3kg      |
| LY-ST40100XX | 100W              | 0.47A/220V | 162lm/W             | 640X340X66mm      | 16200lm       | IP66      | 6.3kg      |
| LY-ST40120XX | 120W              | 0.56A/220V | 158lm/W             | 640X340X66mm      | 18960lm       | IP66      | 6.3kg      |
| LY-ST40130XX | 130W              | 0.62A/220V | 165lm/W             | 720X340X69mm      | 21450lm       | IP66      | 7.3kg      |
| LY-ST40150XX | 150W              | 0.72A/220V | 160lm/W             | 720X340X69mm      | 24000lm       | IP66      | 7.3kg      |
| LY-ST40180XX | 180W              | 0.85A/220V | 158lm/W             | 720X340X69mm      | 28440lm       | IP66      | 7.3kg      |

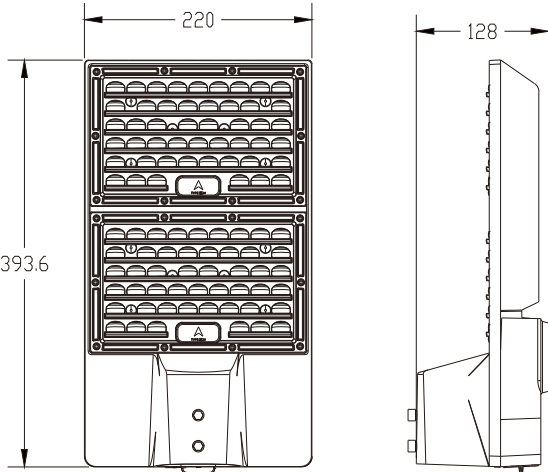
GALAXY LED STREET LIGHT

Performance Parameters

|                     |                    |
|---------------------|--------------------|
| Input Voltage       | AC100~305V 50/60Hz |
| Power               | 50W~180W           |
| Beam Angle          | 150°*65°           |
| Power factor        | ≥0.98              |
| Power efficiency    | ≥90%               |
| Luminous efficiency | ≥160lm/W           |
| CRI                 | >70                |

CCT: Warm White:2700~3000K Neutral White:4000~4500K Pure White:5000~6500K

Operational Condition Temperature: -30℃~60℃ Humidity: 10%~90%RH



LUXEON 5050  
160lm/W

IP65



| Model        | Power Consumption | Current    | Luminous Efficiency | Product Dimension | Luminous Flux | IP Rating | Net Weight |
|--------------|-------------------|------------|---------------------|-------------------|---------------|-----------|------------|
| LY-ST60050XX | 50W               | 0.24A/220V | 160lm/W             | 252X220X128mm     | 8000lm        | IP66      | 2.8kg      |
| LY-ST60080XX | 80W               | 0.38A/220V | 160lm/W             | 252X220X128mm     | 13120lm       | IP66      | 2.8kg      |
| LY-ST60100XX | 100W              | 0.48A/220V | 162lm/W             | 252X220X128mm     | 16200lm       | IP66      | 2.8kg      |
| LY-ST60120XX | 120W              | 0.57A/220V | 165lm/W             | 394X220X128mm     | 19800lm       | IP66      | 3.6kg      |
| LY-ST60150XX | 150W              | 0.72A/220V | 163lm/W             | 394X220X128mm     | 24450lm       | IP66      | 3.6kg      |
| LY-ST60180XX | 180W              | 0.86A/220V | 162lm/W             | 394X220X128mm     | 29160lm       | IP66      | 3.6kg      |





## SPORTS AREA LIGHTING

### Features

- 1、Adoption LEYOND exclusive Lens with light transmittance up to 94%
- 2、Perfect Light Distribution Solution : Adoption of integrated shell optic lens, enhance the brightness and illumination uniformity.
- 3、There are 25° , 60° , 90° , 150°\*65° , 155°\*110° beam angle options for the Lens.
- 4、Scientifically–designed heat dissipater with much better cooling effect.
- 5、High luminous efficiency, Whole lamp output light efficiency > 160lm/W.
- 6、High quality power supply, input voltage 100–240V. The power efficiency > 88%, power factor > 0.98, UL certification.
- 7、For the traditional light source such as the High Pressure Sodium, if the voltage fluctuation  $\pm 7\%$ , the brightness and lifetime will be reduced very fast, but for BBE LED, even the voltage fluctuation is  $\pm 20\%$ , the brightness and lifetime will not be influenced at all; Over Current, Over Voltage, Over Heat, Thunder Protection.

### Applications

- 1、It is applicable to playground lighting , stadium lighting, plaza lighting, and so on.
- 2、New Installation or Replace the traditional High Pressure Sodium Lamp, High Pressure Mercury Lamp, and Metal Halide Street Lamps. Etc.

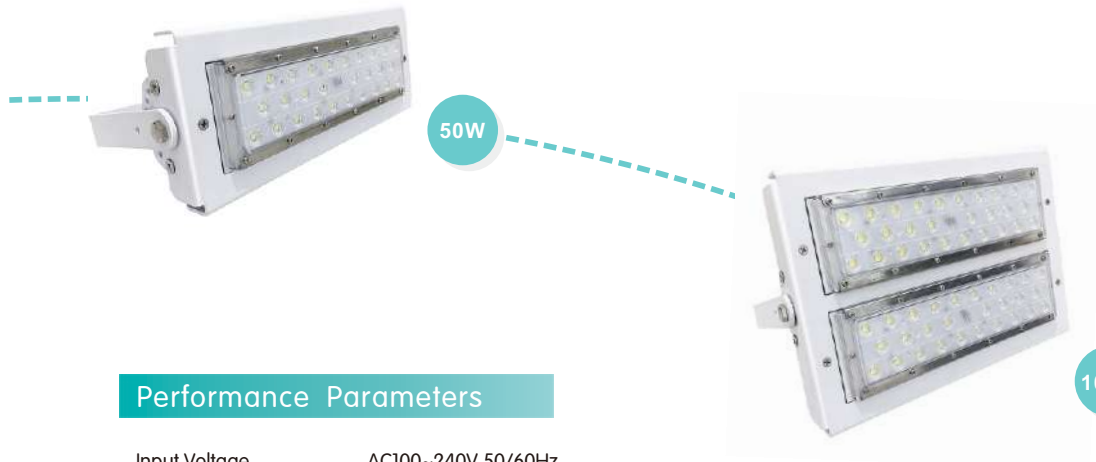




# LED MODULE FLOOD LIGHT

CCT: Warm White: 2700–3000K Neutral White: 4000–4500K Pure White: 5000–6500K

Operational Condition Temperature: −30℃~60℃ Humidity: 10%~90%RH



## Performance Parameters

|                     |                              |
|---------------------|------------------------------|
| Input Voltage       | AC100~240V 50/60Hz           |
| Power               | 50W~1000W                    |
| Beam Angle          | 25° 60° 90° 150°65° 155°110° |
| Power factor        | ≥0.98                        |
| Power efficiency    | ≥93%                         |
| Luminous efficiency | ≥160lm/W                     |
| CRI                 | >70                          |

| Model        | Power Consumption | Current    | Product Dimension | Luminous Efficiency | Luminous Flux | IP Rating | Net Weight |
|--------------|-------------------|------------|-------------------|---------------------|---------------|-----------|------------|
| LY-ST23050XX | 50W               | 0.24A/220V | 320X192X76mm      | 160lm/W             | 8000lm        | IP66      | 2.6kg      |
| LY-ST23100XX | 100W              | 0.48A/220V | 320X271X76mm      | 160lm/W             | 16000lm       | IP66      | 3.5kg      |
| LY-ST24150XX | 150W              | 0.72A/220V | 320X365X76mm      | 160lm/W             | 24000lm       | IP66      | 4.5kg      |
| LY-ST23200XX | 200W              | 0.96A/220V | 320X459X76mm      | 160lm/W             | 32000lm       | IP66      | 5.6kg      |
| LY-ST24250XX | 250W              | 1.20A/220V | 320X553X76mm      | 160lm/W             | 40000lm       | IP66      | 6.6kg      |



# LED MODULE FLOOD LIGHT

CCT: Warm White: 2700–3000K Neutral White: 4000–4500K Pure White: 5000–6500K

Operational Condition Temperature: −30℃~60℃ Humidity: 10%~90%RH



## Performance Parameters

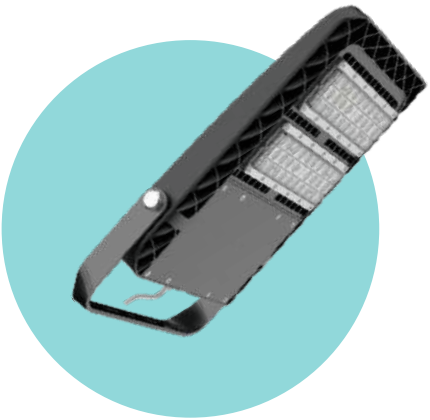
|                     |                              |
|---------------------|------------------------------|
| Input Voltage       | AC100~240V 50/60Hz           |
| Power               | 50W~1000W                    |
| Beam Angle          | 25° 60° 90° 150°65° 155°110° |
| Power factor        | ≥0.98                        |
| Power efficiency    | ≥93%                         |
| Luminous efficiency | ≥160lm/W                     |
| CRI                 | >70                          |

| Model         | Power Consumption | Current    | Product Dimension | Luminous Efficiency | Luminous Flux | IP Rating | Net Weight |
|---------------|-------------------|------------|-------------------|---------------------|---------------|-----------|------------|
| LY-ST23300XX  | 300W              | 1.44A/220V | 640X365X76mm      | 160lm/W             | 48000lm       | IP66      | 9.0kg      |
| LY-ST23400XX  | 400W              | 1.91A/220V | 640X459X76mm      | 160lm/W             | 64000lm       | IP66      | 11.2kg     |
| LY-ST24500XX  | 500W              | 2.39A/220V | 640X553X76mm      | 160lm/W             | 80000lm       | IP66      | 12.8kg     |
| LY-ST23800XX  | 800W              | 3.8A/220V  | 640X836X93mm      | 163lm/W             | 130400lm      | IP66      | 22.7kg     |
| LY-ST241000XX | 1000W             | 4.78A/220V | 640X836X93mm      | 160lm/W             | 160000lm      | IP66      | 22.7kg     |

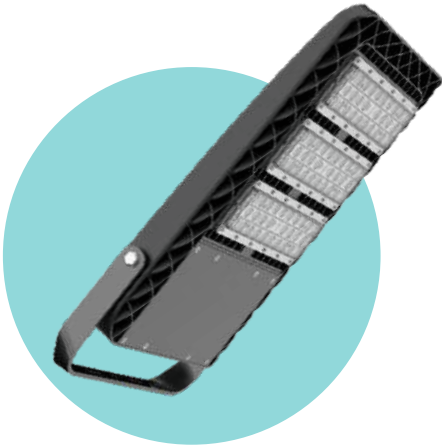


# SPIDERMAN LED STADIUM LIGHT

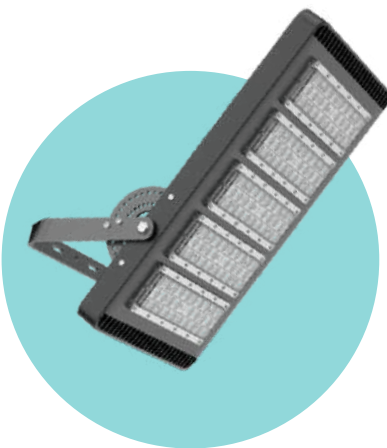
CRI: >70      Beam Angle: 25° 60° 90°  
CCT: Warm White:2700–3000K Neutral White: 4000–4500K Pure White: 5000–6500K  
Operational Condition: Temperature: –30℃~60℃ Humidity: 20%~90%RH



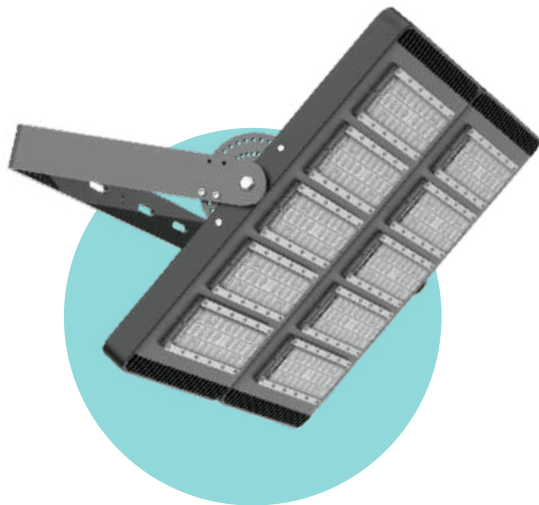
|                     |                    |
|---------------------|--------------------|
| Input Voltage       | AC100~240V 50/60Hz |
| Power factor        | ≥0.98              |
| Power efficiency    | ≥92%               |
| Power               | 80W/100W/120W      |
| Luminous efficiency | ≥160lm/W           |
| IP Rating           | IP66               |
| Net Weight          | 6.4Kg              |



|                     |                    |
|---------------------|--------------------|
| Input Voltage       | AC100~240V 50/60Hz |
| Power factor        | ≥0.98              |
| Power efficiency    | ≥92%               |
| Power               | 130W/150W/180W     |
| Luminous efficiency | ≥160lm/W           |
| IP Rating           | IP66               |
| Net Weight          | 6.8Kg              |



|                     |                    |
|---------------------|--------------------|
| Input Voltage       | AC100~240V 50/60Hz |
| Power factor        | ≥0.98              |
| Power efficiency    | ≥93%               |
| Power               | 200W/240W          |
| Luminous efficiency | ≥160lm/W           |
| IP Rating           | IP66               |
| Net Weight          | 9.5Kg              |



|                     |                    |
|---------------------|--------------------|
| Input Voltage       | AC100~240V 50/60Hz |
| Power factor        | ≥0.98              |
| Power efficiency    | ≥93%               |
| Power               | 400W/480W          |
| Luminous efficiency | ≥160lm/W           |
| IP Rating           | IP66               |
| Net Weight          | 19Kg               |

# LED FLOOD LIGHT

## Performance Parameters

|                     |                    |
|---------------------|--------------------|
| Input Voltage       | AC100~240V 50/60Hz |
| Power factor        | ≥0.98              |
| Power efficiency    | ≥95%               |
| Power               | 20W~200W           |
| Luminous efficiency | ≥150lm/W           |
| CRI                 | >70                |
| Beam Angle          | 30° 60° 90° 120°   |

CCT: Warm White:2700–3000K Neutral White:4000–4500K Pure White:5000–6500K  
Operational Condition Temperature: –30℃~60℃ Humidity: 10%~90%RH



| Model        | Power Consumption | Current    | Luminous Efficiency | Product Dimension | Luminous Flux | IP Rating | Net Weight |
|--------------|-------------------|------------|---------------------|-------------------|---------------|-----------|------------|
| LY-FL45020XX | 20W               | 0.09A/220V | 150lm/W             | 224X173X37mm      | 3000lm        | IP65      | 1.1kg      |
| LY-FL45030XX | 30W               | 0.14A/220V | 146lm/W             | 224X173X37mm      | 4380lm        | IP65      | 1.1kg      |
| LY-FL45040XX | 40W               | 0.19A/220V | 150lm/W             | 270X200X40mm      | 6000lm        | IP65      | 2.8kg      |
| LY-FL45050XX | 50W               | 0.24A/220V | 146lm/W             | 270X200X40mm      | 7300lm        | IP65      | 2.8kg      |
| LY-FL45060XX | 60W               | 0.29A/220V | 143lm/W             | 270X200X40mm      | 8580lm        | IP65      | 2.8kg      |
| LY-FL45080XX | 80W               | 0.38A/220V | 148lm/W             | 338X290X52mm      | 11840lm       | IP65      | 2.5kg      |
| LY-FL45100XX | 100W              | 0.48A/220V | 145lm/W             | 338X290X52mm      | 14500lm       | IP65      | 2.5kg      |
| LY-FL45120XX | 120W              | 0.57A/220V | 140lm/W             | 338X290X52mm      | 16800lm       | IP65      | 2.5kg      |
| LY-FL45150XX | 150W              | 0.72A/220V | 148lm/W             | 390X320X52mm      | 22200lm       | IP65      | 3.6kg      |
| LY-FL45160XX | 160W              | 0.77A/220V | 145lm/W             | 390X320X52mm      | 23200lm       | IP65      | 3.6kg      |
| LY-FL45180XX | 180W              | 0.83A/220V | 150lm/W             | 439X350X56mm      | 27000lm       | IP65      | 4.2kg      |
| LY-FL45200XX | 200W              | 0.96A/220V | 148lm/W             | 439X350X56mm      | 29600lm       | IP65      | 4.2kg      |
| LY-FL45220XX | 220W              | 1.02A/220V | 145lm/W             | 439X350X56mm      | 31900lm       | IP65      | 4.2kg      |





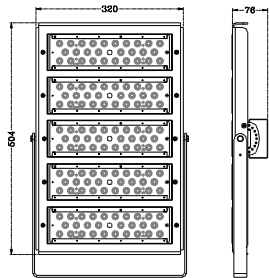
RGB LED FLOOD LIGHT

Performance Parameters

|                       |                                           |
|-----------------------|-------------------------------------------|
| Input Voltage         | AC100~240V 50/60Hz                        |
| Power                 | 50W~1000W                                 |
| Beam Angle            | 25° 60° 90° 150*65° 155*110°              |
| Power factor          | ≥0.98                                     |
| Power efficiency      | ≥86%                                      |
| Luminous efficiency   | ≥160lm/W                                  |
| CRI                   | >70                                       |
| Operational Condition | Temperature: -30℃~60℃ Humidity: 10%~90%RH |



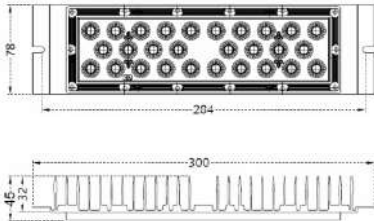
| Model         | Power Consumption | Current    | Product Dimension | IP Rating | Net Weight |
|---------------|-------------------|------------|-------------------|-----------|------------|
| LY-ST23050RGB | 50W               | 0.24A/220V | 320X192X76mm      | IP66      | 2.6kg      |
| LY-ST23100RGB | 100W              | 0.48A/220V | 320X271X76mm      | IP66      | 3.5kg      |
| LY-ST24150RGB | 150W              | 0.72A/220V | 320X365X76mm      | IP66      | 4.5kg      |
| LY-ST23200RGB | 200W              | 0.96A/220V | 320X459X76mm      | IP66      | 5.6kg      |
| LY-ST24250RGB | 250W              | 1.20A/220V | 320X553X76mm      | IP66      | 6.6kg      |



LED Flood Light 5050 Module—25° 60° 90°

Performance Parameters

|                       |                                         |
|-----------------------|-----------------------------------------|
| Protection Grade      | IP66                                    |
| Material              | Aluminum + PC                           |
| Size                  | 300X78X45mm                             |
| Weight                | 0.62kg                                  |
| Beam angle            | 25° 60° 90°                             |
| Working Life          | 50000h                                  |
| Operational Condition | Temperature: -30℃~60℃ Humidity: 10%~90% |

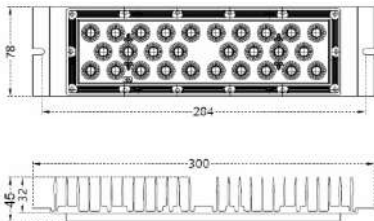


| Model        | Power Consumption | Current | Voltage | Ra  | Luminous Flux | Luminous Efficiency | CCT        |
|--------------|-------------------|---------|---------|-----|---------------|---------------------|------------|
| LY-ST53030XX | 30W               | 0.67A   | 45-52V  | >70 | 5190lm        | 173lm/W             | 5000-6500K |
|              |                   |         |         |     | 5100lm        | 170lm/W             | 4000-4500K |
|              |                   |         |         |     | 4890lm        | 163lm/W             | 2700-3200K |
| LY-ST53040XX | 40W               | 0.89A   | 45-52V  | >70 | 6880lm        | 172lm/W             | 5000-6500K |
|              |                   |         |         |     | 6720lm        | 168lm/W             | 4000-4500K |
|              |                   |         |         |     | 6480lm        | 162lm/W             | 2700-3200K |
| LY-ST53045XX | 45W               | 1.0A    | 45-52V  | >70 | 7650lm        | 170lm/W             | 5000-6500K |
|              |                   |         |         |     | 7450lm        | 165lm/W             | 4000-4500K |
|              |                   |         |         |     | 7200lm        | 160lm/W             | 2700-3200K |

RGB Module Series—25° 60° 90°

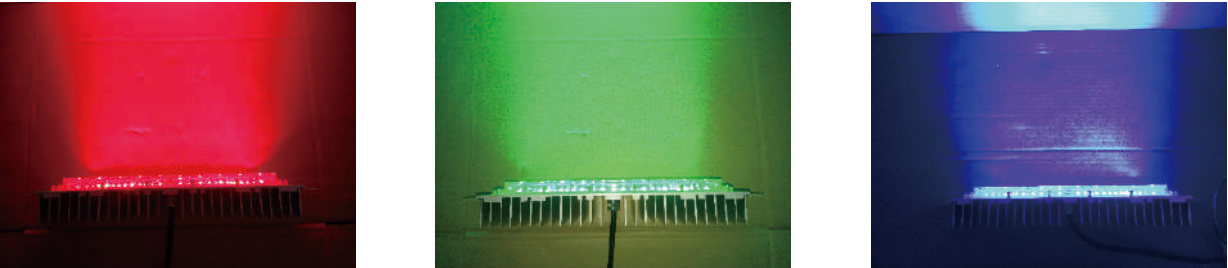
Performance Parameters

|                       |                                         |
|-----------------------|-----------------------------------------|
| Model                 | LY-ST53035RGB                           |
| Power                 | 40W                                     |
| Input Voltage         | DC13~25V                                |
| LED Qty               | 28pcs                                   |
| Protection Grade      | IP66                                    |
| Material              | Aluminum + PC                           |
| Size                  | 300X78X45mm                             |
| Net Weight            | 0.65kg                                  |
| Beam angle            | 25° 60° 90°                             |
| Operational Condition | Temperature: -30℃~60℃ Humidity: 10%~90% |



| Emitting Color | λ d/CCT   | Typical Lumens | Forward Voltage | Forward Current |
|----------------|-----------|----------------|-----------------|-----------------|
| Red            | 620-630nm | 450lm          | 13-17V          | 500mA (max)     |
| Green          | 520-530nm | 950lm          | 21-25V          | 500mA(max)      |
| Blue           | 460-465nm | 360lm          | 21-25V          | 500mA (max)     |
| White          | /         | 1600lm         | 13-25V          | 1500mA(max)     |

Picture:





## LED INDUSTRIAL LIGHTING

### Features

- 1、High power ,high brightness, high quality, high efficiency, up to 80% energy saving.
- 2、Light cover adopts light diffusion materials to bring us better lighting effect. high illumination, and the milky cover can reach 90% light transmittance.
- 3、With low light degradation LED and good heat dissipation aluminum material with quick heat conduction. Make the LED lights have longer lifetime.10 times than the traditional ones. They need low cost in maintenance. so, they are fit for the lighting place where is hard to replace the broken lights often.
- 4、High luminous efficiency, Whole lamp output light efficiency >190LM/W.
- 5、High quality power supply, input voltage 100–240V. The power efficiency is more than 90%, power factor greater than 0.98, UL compulsory certification.
- 6、For the traditional light source such as the High Pressure Sodium, if the voltage fluctuation  $\pm 7\%$ ,the brightness and lifetime will be reduced very fast, but for BBE LED, even the voltage fluctuation is  $\pm 20\%$ , the brightness and lifetime will not be influenced at all; Over Current, Over Voltage, Over Heat, Thunder Protection.
- 7、Impact Resistance, Shock–proof, Without Ultraviolet (UV) and Infrared (IR) Radiation:  
No filament and glass frames, avoid break of the traditional lamp, without harm to the human body.
- 8、The CCT of Warm white、Neutral white、 Pure white to meet the needs of different occasions, eliminated the low color temperature of the sodium lamp which cause the depressed mood, observers will feel more comfortable.

### Applications

- 1、It is applicable to Indoor Stadium lighting、Warehouse lighting、Workshop lighting、factory lighting、 Supermarket lighting and so on.
- 2、New Installation or Replace the traditional High Pressure Sodium Lamp, High Pressure Mercury Lamp and Metal Halide Street Lamps. Etc.

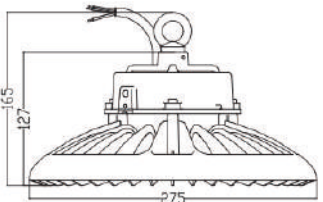




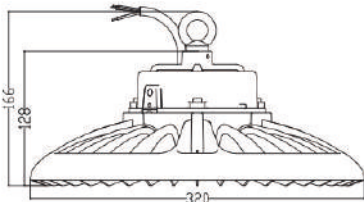
LED UFO HIGH BAY LIGHT

Performance Parameters

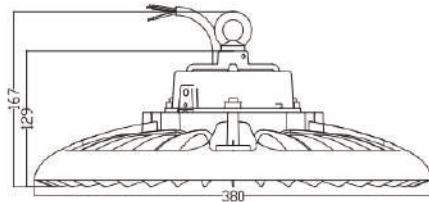
|                                                               |                     |
|---------------------------------------------------------------|---------------------|
| Input Voltage                                                 | AC100~240V 50/60Hz  |
| Power                                                         | 100W/150W/200W/240W |
| Beam Angle                                                    | 60° 90° 120°        |
| Power factor                                                  | ≥0.98               |
| Power efficiency                                              | ≥92%                |
| Luminous efficiency                                           | ≥200lm/W            |
| CRI                                                           | >70                 |
| CCT: 2700~3000K / 4000~4500K / 5000~6500K                     |                     |
| Operational Condition Temperature: -30℃~60℃ Humidity: 10%~90% |                     |



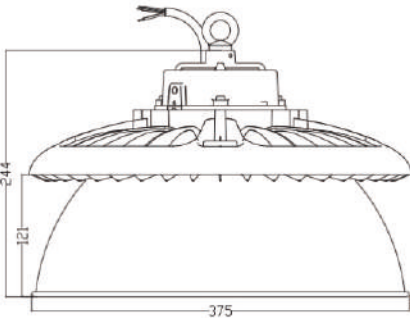
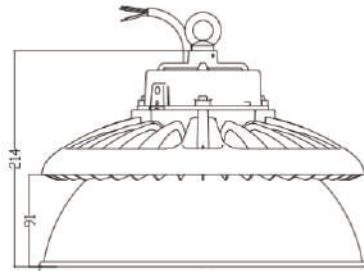
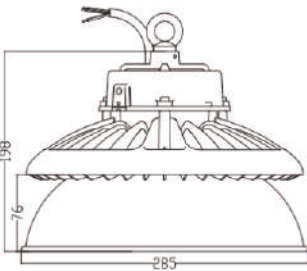
100W



150W



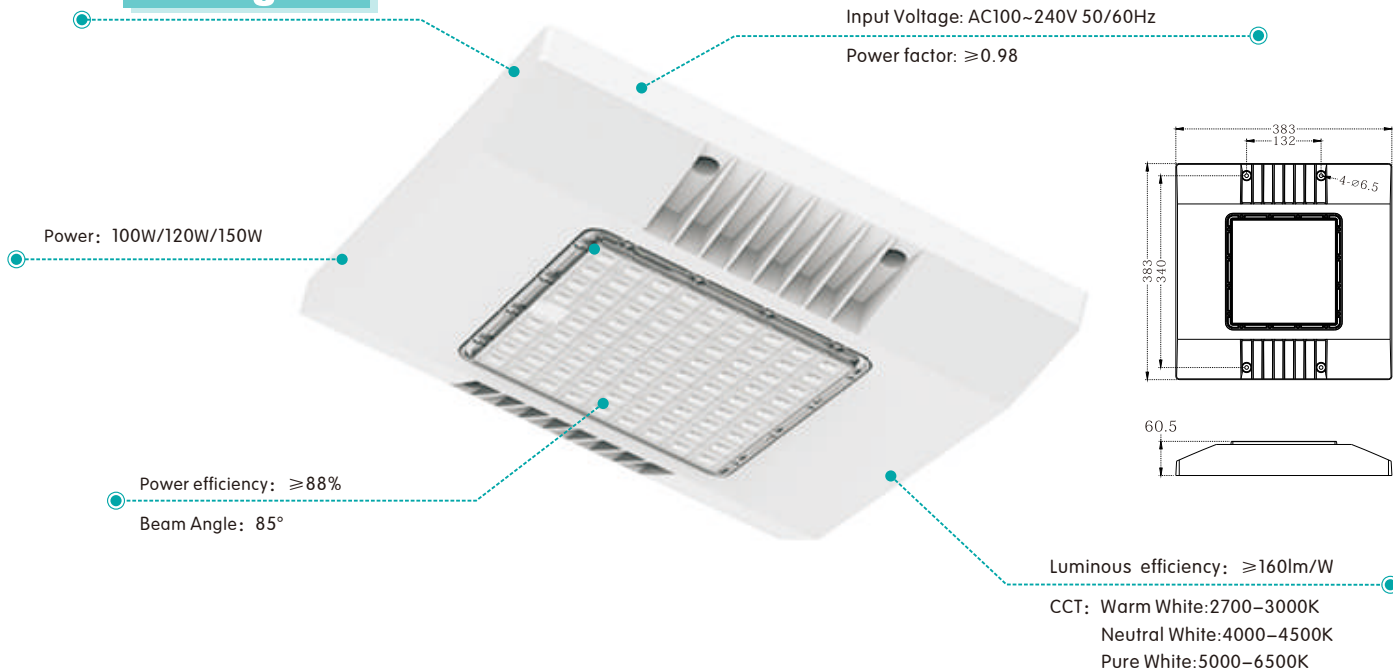
200W



| Model       | Power Consumption | Product Dimension | Luminous Efficiency | Luminous Flux | LED Qty | IP Rating | Net Weight |
|-------------|-------------------|-------------------|---------------------|---------------|---------|-----------|------------|
| LY-UFO100-S | 100W              | Φ 275X165mm       | 200lm/W             | 20000lm       | 400PCS  | IP65      | 2.5kg      |
| LY-UFO150-S | 150W              | Φ 320X166mm       | 200lm/W             | 30000lm       | 600PCS  | IP65      | 3.1kg      |
| LY-UFO200-S | 200W              | Φ 380X167mm       | 200lm/W             | 40000lm       | 800PCS  | IP65      | 3.9kg      |

LED CANOPY LIGHT

Anti-glare

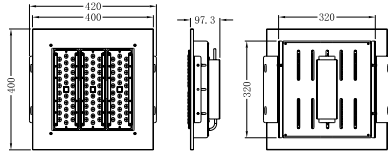
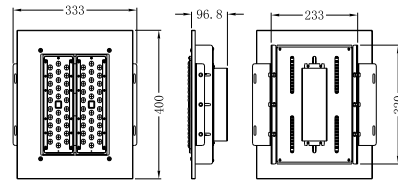


| Model        | Power Consumption | Product Dimension | Luminous Efficiency | Luminous Flux | IP Rating | Net Weight |
|--------------|-------------------|-------------------|---------------------|---------------|-----------|------------|
| LY-YL20100XX | 100W              | 383X383X60.5mm    | 165lm/W             | 16500lm       | IP65      | 6.0kg      |
| LY-YL20120XX | 120W              | 383X383X60.5mm    | 162lm/W             | 19440lm       | IP65      | 6.0kg      |
| LY-YL20150XX | 150W              | 383X383X60.5mm    | 160lm/W             | 24000lm       | IP65      | 6.0kg      |

LED CANOPY LIGHT  
25°/60°/90°  
160Lm/W



| Model        | Power Consumption | Product Dimension | Luminous Efficiency | Luminous Flux | IP Rating | Net Weight |
|--------------|-------------------|-------------------|---------------------|---------------|-----------|------------|
| LY-YL15100XX | 100W              | 400X333X97mm      | 160lm/W             | 16000lm       | IP66      | 6.0kg      |
| LY-YL15150XX | 150W              | 400X420X97mm      | 160lm/W             | 24000lm       | IP66      | 7.5kg      |
| LY-YL14100XX | 100W              | 270X346X103mm     | 160lm/W             | 16000lm       | IP66      | 5.0kg      |
| LY-YL14150XX | 150W              | 350X346X103mm     | 160lm/W             | 24000lm       | IP66      | 5.8kg      |





## LED INTELLIGENT CONTROL

### Features

#### Dali Controller:

- 1、 With RS232 communication interface; Support a DALI bus, most allow linking 64 DALI lighting equipment;
- 2、 Supports RS485 extension connection DALI gateway function ,Up to 250 DALI gateway can be connected, Each gateway can connect 64 lights equipment, Most can control 16000 individual lights;
- 3、 With DALI POWER individual output interface, more flexible compatibility;Gateway status monitoring function;With the brightness of the lights and condition monitoring functions.

#### Microwave Motion Sensor:

- 1、 Automatic dimming when used in combination with 1–10V dimmable LED drivers or ballasts;
- 2、 Built–in adjustable daylight sensor.1–10V interface can match up with Leyond stand–alone daylight sensor LY01 and achieve daylight harvesting;
- 3、 Detection area, time delay and daylight threshold can be precisely set via DIP switch.

#### Photocell Sensor:

- 1、 Meet stringent utility standards for street& highway lighting;Delayed response prevents switching due to light from vehicles, lightning
- 2、 Longer life extends the maintenance cycle for photo–controls mounted in difficult locations;
- 3、 Positive electronic switching provides quick made/break of the load relay eliminating relay chatter;
- 4、 Regulated voltage and silicon photocell maintain accurate turn on /off points of the life of the control;
- 5、 Low power consumption through a unique regulator circuit. Resulting low internal temperature rise contributes to long life.



PHOTOCELL SENSOR---LY-LS200



Performance Parameters

|                                             |                                                     |
|---------------------------------------------|-----------------------------------------------------|
| Turn-On Light Level                         | 10 Lux or at customer's request                     |
| Turn-Off Light Level                        | 30Lux or at customer's request                      |
| Optional Range of Turn On to Turn Off Ratio | 1:1.5 to 4                                          |
| Turn-On Time Delay                          | 3-15s                                               |
| Turn-Off Time Delay                         | 3-15s                                               |
| Operating Temperature                       | -40℃ to +70℃                                        |
| Relay                                       | 30A                                                 |
| MOV Surge Protection                        | 90J, 160J, 320J, 360J (4 options)                   |
| Energy Consumption                          | Less than 1Watt (120V<0.5W)                         |
| Electrical Life                             | 5,000 operations at ANSI specified load test levels |
| Sensor Typen                                | Silicon Photocell                                   |
| Housing                                     | UV stabilized impact resistant polycarbonate (PC)   |
| Failure Mode                                | Fail On (standard), Fail Off (for your option)      |
| Size                                        | 74mm (suitable for North America market), 80mm      |

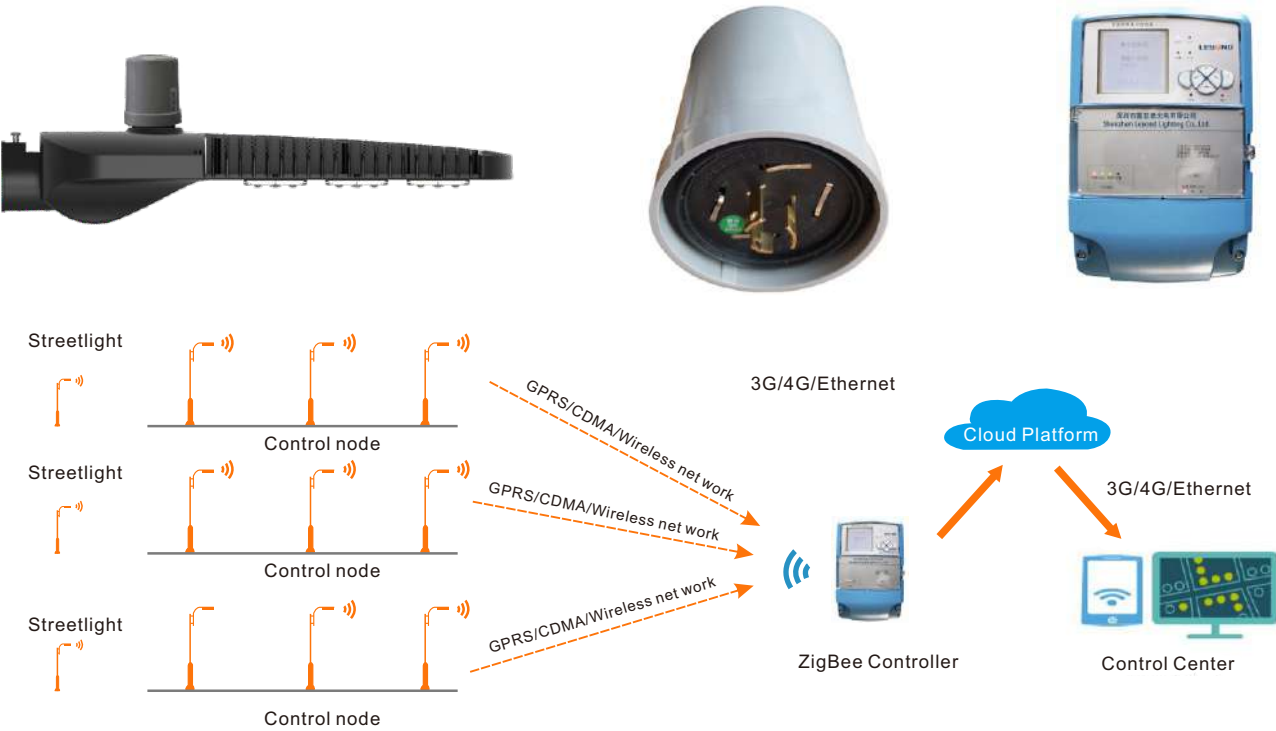


INTELLIGENT IORAWAN CONTROL SYSTEM

Functional Characteristics

The lorawan control system complies with the LoRaWAN Specification 1.0.1 ClassC standard issued by the LoRa Alliance for easy and fast access to LoRaWAN networks. It has low power consumption, long transmission distance, strong anti-interference and so on. LoRaWAN LED street light control system includes lighting controller,lighting controller receptacle, gateways, system control cloud platform.

LYD10-LoRa-NEMA street light controller inside contains current and voltage measurement circuit, which can collect the load status of street light controller in real time, greatly reduce the work pressure of street light management department and improve work efficiency, thereby significantly improving social energy-saving benefits.



SURGE PROTECTION DEVICE



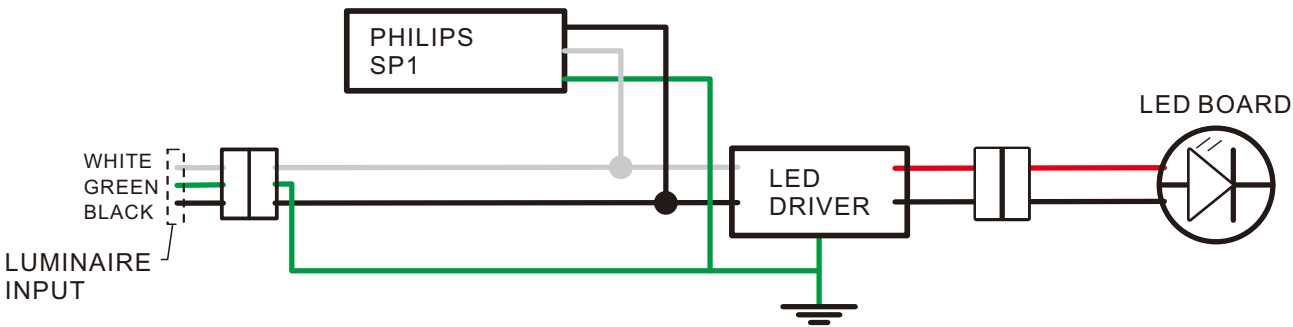
Performance Parameters

|                      |                                              |
|----------------------|----------------------------------------------|
| Voltage Input        | 120~277V( ± 5%)                              |
| Frequency            | 50Hz~60Hz                                    |
| Clamping Voltage     | 320V                                         |
| Maximum Energy       | 430Joules                                    |
| Maximum Peak Current | 10kA(8/20 μ s standard wave)                 |
| Wiring               | 14 Gauges stranded wires,105℃,600V           |
| Wire Connections     | Black and white 12mm skinned and thin plated |
| Mounting hole        | 5.5mm                                        |



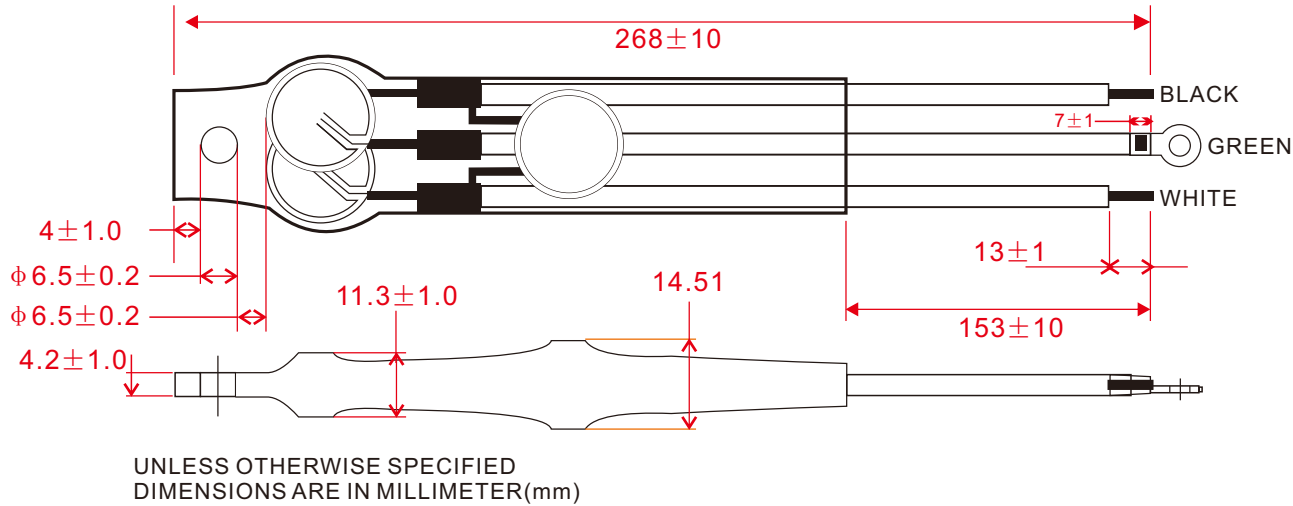
The basic features of surge protection device are:

- 1, the protection has large flow rate, low residual pressure and fast response time;
- 2, the use of the latest arc extinguishing technology, to avoid fire;
- 3, using temperature control protection circuit, built-in thermal protection;
- 4, with power status indication, indicating the state of surge protector;
- 5, strict structure, stable and reliable work



Adapted to SSL outdoor lighting,the Philips SP1 surge protection device provides single phase protection for line/neutral,line/ground and neutral/ground in accordance with IEEE C62.41 2002 C High. The SP1 small size corresponds to the current design requirements for the new technology luminaires,like a LED light engine in outdoor lighting.

It is applied to all kinds of electronic equipment, instruments and meters, communication lines.





SUNPLUS SOLAR LED STREET LIGHT

| Model        | Power Consumption (Max) | Battery                   | Beam angle | Luminous flux(lm) | Chip Brand  | Solar panel                       | Installation height | Product Dimension | Operating time                                  |
|--------------|-------------------------|---------------------------|------------|-------------------|-------------|-----------------------------------|---------------------|-------------------|-------------------------------------------------|
| LY-ST31060XX | 60W                     | 32700 LiFePO4 12.8V 36 Ah | 150x65°    | 10000             | LUXEON 5050 | 60W /18V Monocrystalline silicon  | 6~8M                | 1023X373X174mm    | Full power >12 hours ,Intelligent mode 3~4 days |
| LY-ST31100XX | 100W                    | 32700 LiFePO4 12.8V 54 Ah | 150x65°    | 16500             | LUXEON 5050 | 100W /18V Monocrystalline silicon | 6~8M                | 1341X373X174mm    |                                                 |



SUNLUX SOLAR LED STREET LIGHT

| Model        | Power Consumption (Max) | Battery                          | Beam angle | Luminous flux(lm) | Chip Brand  | Solar panel                      | Installation height | Product Dimension | Operating time                                  |
|--------------|-------------------------|----------------------------------|------------|-------------------|-------------|----------------------------------|---------------------|-------------------|-------------------------------------------------|
| LY-ST32020XX | 20W                     | 32700 LiFePO4 12.8V 12Ah (154WH) | 150x65°    | 2500              | LUXEON 5050 | 35W /18V Monocrystalline silicon | 3~7M                | 785X283X95mm      | Full power >12 hours ,Intelligent mode 3~4 days |
| LY-ST32040XX | 40W                     | 32700 LiFePO4 12.8V 18Ah (231WH) | 150x65°    | 6000              | LUXEON 5050 | 45W /18V Monocrystalline silicon | 3~7M                | 913X283X95mm      |                                                 |
| LY-ST32060XX | 60W                     | 32700 LiFePO4 12.8V 36Ah (461WH) | 150x65°    | 7800              | LUXEON 5050 | 60W /18V Monocrystalline silicon | 3~7M                | 1041X283X95mm     |                                                 |



SUNPRO SOLAR LED STREET LIGHT

| Model        | Power Consumption (Max) | Battery                   | Beam angle | Luminous flux(lm) | Chip Brand  | Solar panel | Installation height | Product Dimension | Operating time                                  |
|--------------|-------------------------|---------------------------|------------|-------------------|-------------|-------------|---------------------|-------------------|-------------------------------------------------|
| LY-ST30020XX | 20W                     | 18650 LiFePO4 12.8V 16 Ah | 150x65°    | 2600              | LUXEON 5050 | 30W         | 4~6M                | 750X257X102mm     | Full power >12 hours ,Intelligent mode 3~4 days |
| LY-ST30030XX | 30W                     | 18650 LiFePO4 12.8V 16 Ah | 150x65°    | 4200              | LUXEON 5050 | 30W         | 4~6M                | 750X257X102mm     |                                                 |
| LY-ST30040XX | 40W                     | 32700 LiFePO4 12V 36 Ah   | 150x65°    | 5800              | LUXEON 5050 | 50W         | 4~6M                | 945X298X127mm     |                                                 |
| LY-ST30050XX | 50W                     | 32700 LiFePO4 12V 36 Ah   | 150x65°    | 7200              | LUXEON 5050 | 50W         | 4~6M                | 945X298X127mm     |                                                 |



SOLAR LED GARDEN LIGHT

| Model        | Power Consumption (Max) | Battery                   | Beam angle | LED QTY(Pcs) | Pole diameter | Luminous flux(lm) | Solar panel                      | Operating time                                  | IP Rating | Installation height |
|--------------|-------------------------|---------------------------|------------|--------------|---------------|-------------------|----------------------------------|-------------------------------------------------|-----------|---------------------|
| LY-GL10020WW | 20W                     | 18650 LiFePO4 12.8V 16Ah  | 100x100°   | 96           | 60/76/83MM    | 3000              | 30W /18V Monocrystalline silicon | Full power >12 hours ,Intelligent mode 3~4 days | IP66      | 3~5M                |
| LY-GL10030WW | 30W                     | 18650 LiFePO4 12.8V 16 Ah | 100x100°   | 96           | 60/76/83MM    | 4500              | 30W /18V Monocrystalline silicon | Full power >12 hours ,Intelligent mode 3~4 days | IP66      | 3~5M                |



LED GARDEN LIGHT

| Model        | Power Consumption | Current    | Luminous Efficiency | Product Dimension | Luminous Flux | IP Rating | Net Weight |
|--------------|-------------------|------------|---------------------|-------------------|---------------|-----------|------------|
| LY-GL40030XX | 30W               | 0.14A/220V | 150lm/W             | 400X400X800mm     | 4500lm        | IP65      | 7kg        |
| LY-GL40040XX | 40W               | 0.19A/220V | 145lm/W             | 400X400X800mm     | 5800lm        | IP65      | 7kg        |
| LY-GL40050XX | 50W               | 0.24A/220V | 140lm/W             | 400X400X800mm     | 7000lm        | IP65      | 7kg        |
| LY-GL40060XX | 60W               | 0.29A/220V | 130lm/W             | 400X400X800mm     | 7800lm        | IP65      | 7kg        |
| LY-GL40080XX | 80W               | 0.38A/220V | 125lm/W             | 400X400X800mm     | 10000lm       | IP65      | 7kg        |
| LY-GL40100XX | 100W              | 0.48A/220V | 120lm/W             | 400X400X800mm     | 12000lm       | IP65      | 7kg        |



SUNWAY SOLAR LED STREET LIGHT

| Model        | Power Consumption (Max) | Battery                   | Beam angle | Pole diameter | Luminous flux(lm) | Solar panel                       | Operating time                                  | IP Rating | Installation height |
|--------------|-------------------------|---------------------------|------------|---------------|-------------------|-----------------------------------|-------------------------------------------------|-----------|---------------------|
| LY-ST70060PW | 60W                     | 32700 LiFePO4 12.8V 36 Ah | 150x70°    | 60MM          | 9600              | 100W /18V Monocrystalline silicon | Full power >12 hours ,Intelligent mode 3~4 days | IP66      | 6~10M               |
| LY-ST70100PW | 100W                    | 32700 LiFePO4 12.8V 54 Ah | 150x70°    | 60MM          | 16800             | 100W /18V Monocrystalline silicon | Full power >12 hours ,Intelligent mode 3~4 days | IP66      | 6~10M               |





SUNRISE SOLAR FLOOD LIGHT

| Model      | Power Consumption | Battery                        | Beam angle | Luminous flux(lm) | Chip Brand  | Solar panel | Installation height | Product Dimension | Operating time                                        |
|------------|-------------------|--------------------------------|------------|-------------------|-------------|-------------|---------------------|-------------------|-------------------------------------------------------|
| LY-SFL100W | 10W               | 32700<br>LiFePO4<br>3.2V 25 Ah | 120°       | 2000              | LEYOND 2835 | 50W         | 3~5M                | 255X280X75mm      | Full power >12<br>hours ,Intelligent<br>mode 3~4 days |
| LY-SFL200W | 20W               | 32700<br>LiFePO4<br>3.2V 35 Ah | 120°       | 4000              | LEYOND 2835 | 80W         | 4~6M                | 295X280X85mm      |                                                       |
| LY-SFL300W | 30W               | 32700<br>LiFePO4<br>3.2V 45 Ah | 120°       | 6000              | LEYOND 2835 | 100W        | 5~7M                | 335X370X95mm      |                                                       |



Aurora LED STREET LIGHT

| Model        | Power Consumption | Current    | Luminous Efficiency | Product Dimension | Luminous Flux | IP Rating | Net Weight |
|--------------|-------------------|------------|---------------------|-------------------|---------------|-----------|------------|
| LY-ST85030XX | 30W               | 0.14A/220V | 165lm/W             | 544X237X106mm     | 4950lm        | IP66      | 4.0kg      |
| LY-ST85050XX | 50W               | 0.24A/220V | 160lm/W             | 544X237X106mm     | 8000lm        | IP66      | 4.0kg      |
| LY-ST85080XX | 80W               | 0.38A/220V | 163lm/W             | 742X297X106mm     | 13040lm       | IP66      | 5.8kg      |
| LY-ST85100XX | 100W              | 0.48A/220V | 155lm/W             | 742X297X106mm     | 15500lm       | IP66      | 5.8kg      |
| LY-ST85120XX | 120W              | 0.57A/220V | 160lm/W             | 742X297X106mm     | 19200lm       | IP66      | 6.0kg      |
| LY-ST85150XX | 150W              | 0.72A/220V | 158lm/W             | 742X297X106mm     | 23700lm       | IP66      | 6.0kg      |
| LY-ST85180XX | 180W              | 0.86A/220V | 153lm/W             | 742X297X106mm     | 27540lm       | IP66      | 6.0kg      |



PETREL LED STREET LIGHT

| Model        | Power Consumption | Current    | Luminous Efficiency | Product Dimension | Luminous Flux | IP Rating | Net Weight |
|--------------|-------------------|------------|---------------------|-------------------|---------------|-----------|------------|
| LY-ST80040XX | 40W               | 0.19A/220V | 153/163lm/W         | 580X180X106mm     | 6120/6520lm   | Ip66      | 3.5kg      |
| LY-ST80060XX | 60W               | 0.28A/220V | 150/160lm/W         | 580X180X106mm     | 9000/9600lm   | IP66      | 3.5kg      |
| LY-ST80080XX | 80W               | 0.37A/220V | 153/163lm/W         | 702X200X109mm     | 12240/13040lm | IP66      | 4.4kg      |
| LY-ST80100XX | 100W              | 0.46A/220V | 151/161lm/W         | 702X200X109mm     | 15100/16100lm | IP66      | 4.4kg      |
| LY-ST80120XX | 120W              | 0.56A/220V | 150/160lm/W         | 806X200X109mm     | 18000/19200lm | Ip66      | 5.0kg      |
| LY-ST80150XX | 150W              | 0.70A/220V | 153/163lm/W         | 806X200X109mm     | 22950/24450lm | Ip66      | 5.0kg      |
| LY-ST80180XX | 180W              | 0.83A/220V | 150/160lm/W         | 806X200X109mm     | 27000/28800lm | Ip66      | 5.1kg      |



MINI KING LED STREET LIGHT

| Model        | Power Consumption | Current    | Luminous Efficiency | Product Dimension | Luminous Flux | IP Rating | Net Weight |
|--------------|-------------------|------------|---------------------|-------------------|---------------|-----------|------------|
| LY-ST50020XX | 20W               | 0.10A/220V | 162lm/W             | 300X150X65.4mm    | 3240lm        | IP66      | 1.2kg      |
| LY-ST50025XX | 25W               | 0.12A/220V | 160lm/W             | 300X150X65.4mm    | 4000lm        | IP66      | 1.2kg      |
| LY-ST50030XX | 30W               | 0.14A/220V | 160lm/W             | 300X150X65.4mm    | 4800lm        | IP66      | 1.2kg      |



KING LED STREET LIGHT



LUXEON 5050  
160lm/W

| Model        | Power Consumption | Current    | Luminous Efficiency | Product Dimension | Luminous Flux | IP Rating | Net Weight |
|--------------|-------------------|------------|---------------------|-------------------|---------------|-----------|------------|
| LY-ST50040XX | 40W               | 0.19A/220V | 165lm/W             | 619X240X139mm     | 6600lm        | IP66      | 5.0kg      |
| LY-ST50050XX | 50W               | 0.24A/220V | 165lm/W             | 619X240X139mm     | 8250lm        | IP66      | 5.0kg      |
| LY-ST50060XX | 60W               | 0.29A/220V | 160lm/W             | 619X240X139mm     | 9600lm        | IP66      | 5.0kg      |
| LY-ST50070XX | 70W               | 0.34A/220V | 158lm/W             | 619X240X139mm     | 11060lm       | IP66      | 5.0kg      |
| LY-ST50080XX | 80W               | 0.37A/220V | 165lm/W             | 722X300X149mm     | 13200lm       | IP66      | 6.2kg      |
| LY-ST50100XX | 100W              | 0.47A/220V | 160lm/W             | 722X300X149mm     | 16000lm       | IP66      | 6.2kg      |
| LY-ST50120XX | 120W              | 0.56A/220V | 165lm/W             | 767X300X149mm     | 19800lm       | IP66      | 7.0kg      |
| LY-ST50150XX | 150W              | 0.72A/220V | 160lm/W             | 767X300X149mm     | 24000lm       | IP66      | 7.0kg      |
| LY-ST50180XX | 180W              | 0.85A/220V | 158lm/W             | 767X300X149mm     | 28400lm       | IP66      | 7.0kg      |



SWORD LED STREET LIGHT



LUXEON 3030  
130lm/W

| Model        | Power Consumption | Current    | Luminous Efficiency | Product Dimension | Luminous Flux | IP Rating | Net Weight |
|--------------|-------------------|------------|---------------------|-------------------|---------------|-----------|------------|
| LY-ST20030XX | 30W               | 0.14A/220V | 140lm/W             | 410X200X90mm      | 4200lm        | IP65      | 2.8kg      |
| LY-ST20040XX | 40W               | 0.19A/220V | 135lm/W             | 410X200X90mm      | 6600lm        | IP65      | 2.8kg      |
| LY-ST20050XX | 50W               | 0.24A/220V | 132lm/W             | 410X200X90mm      | 6600lm        | IP65      | 2.8kg      |
| LY-ST20060XX | 60W               | 0.29A/220V | 130lm/W             | 410X200X90mm      | 7800lm        | IP65      | 2.8kg      |
| LY-ST20080XX | 80W               | 0.38A/220V | 140lm/W             | 542X290X105mm     | 11200lm       | IP65      | 5.9kg      |
| LY-ST20100XX | 100W              | 0.48A/220V | 135lm/W             | 542X290X105mm     | 13500lm       | IP65      | 5.9kg      |
| LY-ST20120XX | 120W              | 0.57A/220V | 130lm/W             | 542X290X105mm     | 15600lm       | IP65      | 5.9kg      |
| LY-ST20130XX | 130W              | 0.62A/220V | 140lm/W             | 642X290X120mm     | 18200lm       | IP65      | 6.9kg      |
| LY-ST20150XX | 150W              | 0.72A/220V | 135lm/W             | 642X290X120mm     | 20250lm       | IP65      | 6.9kg      |
| LY-ST20180XX | 180W              | 0.86A/220V | 130lm/W             | 642X290X120mm     | 23400lm       | IP65      | 6.9kg      |
| LY-ST20200XX | 200W              | 0.93A/220V | 130lm/W             | 642X290X120mm     | 26000lm       | IP65      | 6.9kg      |



## SWORD LED STREET LIGHT



LUXEON 5050  
160lm/W

| Model        | Power Consumption | Current    | Luminous Efficiency | Product Dimension | Luminous Flux | IP Rating | Net Weight |
|--------------|-------------------|------------|---------------------|-------------------|---------------|-----------|------------|
| LY-ST10030XX | 30W               | 0.14A/220V | 168lm/W             | 410X200X90mm      | 5040lm        | IP65      | 2.8kg      |
| LY-ST10040XX | 40W               | 0.19A/220V | 165lm/W             | 410X200X90mm      | 6600lm        | IP65      | 2.8kg      |
| LY-ST10050XX | 50W               | 0.24A/220V | 162lm/W             | 410X200X90mm      | 8100lm        | IP65      | 2.8kg      |
| LY-ST10060XX | 60W               | 0.29A/220V | 160lm/W             | 410X200X90mm      | 9600lm        | IP65      | 2.8kg      |
| LY-ST10070XX | 70W               | 0.33A/220V | 158lm/W             | 410X200X90mm      | 11060lm       | IP65      | 2.8kg      |
| LY-ST10080XX | 80W               | 0.38A/220V | 165lm/W             | 542X290X105mm     | 13200lm       | IP65      | 5.9kg      |
| LY-ST10100XX | 100W              | 0.48A/220V | 163lm/W             | 542X290X105mm     | 16300lm       | IP65      | 5.9kg      |
| LY-ST10120XX | 120W              | 0.57A/220V | 157lm/W             | 542X290X105mm     | 18840lm       | IP65      | 5.9kg      |
| LY-ST10130XX | 130W              | 0.62A/220V | 165lm/W             | 642X290X120mm     | 21450lm       | IP65      | 6.9kg      |
| LY-ST10150XX | 150W              | 0.72A/220V | 163lm/W             | 642X290X120mm     | 24450lm       | IP65      | 6.9kg      |
| LY-ST10180XX | 180W              | 0.86A/220V | 157lm/W             | 642X290X120mm     | 28260lm       | IP65      | 6.9kg      |
| LY-ST10200XX | 200W              | 0.93A/220V | 157lm/W             | 642X290X120mm     | 31400lm       | IP65      | 6.9kg      |



## SPIDERMAN LED STREET LIGHT



LUXEON 5050  
160lm/W

| Model        | Power Consumption | Current    | Luminous Efficiency | Product Dimension | Luminous Flux | IP Rating | Net Weight |
|--------------|-------------------|------------|---------------------|-------------------|---------------|-----------|------------|
| LY-ST40080XX | 80W               | 0.37A/220V | 165lm/W             | 640X340X66mm      | 13200lm       | IP66      | 6.3kg      |
| LY-ST40100XX | 100W              | 0.47A/220V | 162lm/W             | 640X340X66mm      | 16200lm       | IP66      | 6.3kg      |
| LY-ST40120XX | 120W              | 0.56A/220V | 158lm/W             | 640X340X66mm      | 18960lm       | IP66      | 6.3kg      |
| LY-ST40130XX | 130W              | 0.62A/220V | 165lm/W             | 720X340X69mm      | 21450lm       | IP66      | 7.3kg      |
| LY-ST40150XX | 150W              | 0.72A/220V | 160lm/W             | 720X340X69mm      | 24000lm       | IP66      | 7.3kg      |
| LY-ST40180XX | 180W              | 0.85A/220V | 158lm/W             | 720X340X69mm      | 28440lm       | IP66      | 7.3kg      |

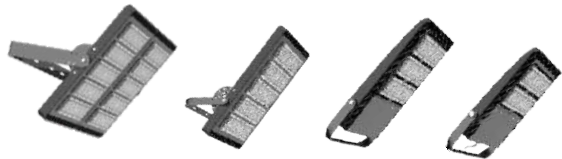


## GAXALY LED STREET LIGHT



LUXEON 5050  
160lm/W

| Model        | Power Consumption | Current    | Luminous Efficiency | Product Dimension | Luminous Flux | IP Rating | Net Weight |
|--------------|-------------------|------------|---------------------|-------------------|---------------|-----------|------------|
| LY-ST60050XX | 50W               | 0.24A/220V | 160lm/W             | 252X220X128mm     | 8000lm        | IP66      | 2.8kg      |
| LY-ST60080XX | 80W               | 0.38A/220V | 160lm/W             | 252X220X128mm     | 13120lm       | IP66      | 2.8kg      |
| LY-ST60100XX | 100W              | 0.48A/220V | 162lm/W             | 252X220X128mm     | 16200lm       | IP66      | 2.8kg      |
| LY-ST60120XX | 120W              | 0.57A/220V | 165lm/W             | 394X220X128mm     | 19800lm       | IP66      | 3.6kg      |
| LY-ST60150XX | 150W              | 0.72A/220V | 163lm/W             | 394X220X128mm     | 24450lm       | IP66      | 3.6kg      |
| LY-ST60180XX | 180W              | 0.86A/220V | 162lm/W             | 394X220X128mm     | 29160lm       | IP66      | 3.6kg      |



## LED STADIUM LIGHT

| Model        | Power Consumption | Current    | Luminous Efficiency | Product Dimension | Luminous Flux | IP Rating | Net Weight |
|--------------|-------------------|------------|---------------------|-------------------|---------------|-----------|------------|
| LY-ST45080XX | 80W               | 0.38A/220V | 165lm/W             | 491X340X69mm      | 13200lm       | IP66      | 6.4kg      |
| LY-ST45100XX | 100W              | 0.48A/220V | 160lm/W             | 491X340X69mm      | 16000lm       | IP66      | 6.4kg      |
| LY-ST45120XX | 120W              | 0.57A/220V | 158lm/W             | 491X340X69mm      | 18960lm       | IP66      | 6.4kg      |
| LY-ST45130XX | 130W              | 0.62A/220V | 165lm/W             | 560X340X69mm      | 21450lm       | IP66      | 6.8kg      |
| LY-ST45150XX | 150W              | 0.72A/220V | 160lm/W             | 560X340X69mm      | 24000lm       | IP66      | 6.8kg      |
| LY-ST45180XX | 180W              | 0.86A/220V | 158lm/W             | 560X340X69mm      | 28440lm       | IP66      | 6.8kg      |
| LY-ST45200XX | 200W              | 0.96A/220V | 165lm/W             | 590X340X92mm      | 33000lm       | IP66      | 9.5kg      |
| LY-ST45240XX | 240W              | 1.15A/220V | 160lm/W             | 590X340X92mm      | 38400lm       | IP66      | 9.5kg      |
| LY-ST45400XX | 400W              | 1.91A/220V | 165lm/W             | 590X680X92mm      | 66000lm       | IP66      | 19kg       |
| LY-ST45480XX | 480W              | 2.30A/220V | 160lm/W             | 590X680X92mm      | 76800lm       | IP66      | 19kg       |



## LED MODULE FLOOD LIGHT

| Model         | Power Consumption | Current    | Luminous Efficiency | Product Dimension | Luminous Flux | IP Rating | Net Weight |
|---------------|-------------------|------------|---------------------|-------------------|---------------|-----------|------------|
| LY-ST23040XX  | 40W               | 0.19A/220V | 165lm/W             | 320X192X76mm      | 6600lm        | IP66      | 2.6kg      |
| LY-ST23050XX  | 50W               | 0.24A/220V | 160lm/W             | 320X192X76mm      | 8000lm        | IP66      | 2.6kg      |
| LY-ST23080XX  | 80W               | 0.38A/220V | 165lm/W             | 320X271X76mm      | 13200lm       | IP66      | 3.5kg      |
| LY-ST23100XX  | 100W              | 0.48A/220V | 160lm/W             | 320X271X76mm      | 16000lm       | IP66      | 3.5kg      |
| LY-ST23120XX  | 120W              | 0.57A/220V | 165lm/W             | 320X365X76mm      | 19800lm       | IP66      | 4.5kg      |
| LY-ST23150XX  | 150W              | 0.72A/220V | 160lm/W             | 320X365X76mm      | 24000lm       | IP66      | 4.5kg      |
| LY-ST23200XX  | 200W              | 0.96A/220V | 160lm/W             | 320X459X76mm      | 32000lm       | IP66      | 5.6kg      |
| LY-ST23250XX  | 250W              | 1.20A/220V | 160lm/W             | 320X553X76mm      | 40000lm       | IP66      | 6.6kg      |
| LY-ST23300XX  | 300W              | 1.44A/220V | 160lm/W             | 640X365X76mm      | 48000lm       | IP66      | 9.0kg      |
| LY-ST23400XX  | 400W              | 1.91A/220V | 160lm/W             | 640X459X76mm      | 64000lm       | IP66      | 11.2kg     |
| LY-ST23500XX  | 500W              | 2.39A/220V | 160lm/W             | 640X553X76mm      | 80000lm       | IP66      | 12.8kg     |
| LY-ST23800XX  | 800W              | 3.8A/220V  | 163lm/W             | 640X836X93mm      | 130400lm      | IP66      | 22.7kg     |
| LY-ST231000XX | 1000W             | 4.78A/220V | 160lm/W             | 640X836X93mm      | 160000lm      | IP66      | 22.7kg     |





| Model         | Power Consumption | Current    | Product Dimension | Net Weight | Emitting Color | $\lambda$ d/CCT | Typical Lumens | Forward Voltage | Forward Current |
|---------------|-------------------|------------|-------------------|------------|----------------|-----------------|----------------|-----------------|-----------------|
| LY-ST23050RGB | 50W               | 0.24A/220V | 320X192X76mm      | 2.6kg      | Red            | 620-630nm       | 450lm          | 13-17V          | 500mA (MAX)     |
|               |                   |            |                   |            | Green          | 520-530nm       | 950lm          | 21-25V          | 500mA (MAX)     |
|               |                   |            |                   |            | Blue           | 460-465nm       | 360lm          | 21-25V          | 500mA (MAX)     |
|               |                   |            |                   |            | White          | R+G+B           | 1600lm         | 13-25V          | 1500mA (MAX)    |
| LY-ST23100RGB | 100W              | 0.48A/220V | 320X271X76mm      | 3.5kg      | Red            | 620-630nm       | 900lm          | 13-17V          | 1000mA (MAX)    |
|               |                   |            |                   |            | Green          | 520-530nm       | 1900lm         | 21-25V          | 1000mA (MAX)    |
|               |                   |            |                   |            | Blue           | 460-465nm       | 720lm          | 21-25V          | 1000mA (MAX)    |
|               |                   |            |                   |            | White          | R+G+B           | 3200lm         | 13-25V          | 3000mA (MAX)    |
| LY-ST24150RGB | 150W              | 0.72A/220V | 320X365X76mm      | 4.5kg      | Red            | 620-630nm       | 1350lm         | 13-17V          | 1500mA(MAX)     |
|               |                   |            |                   |            | Green          | 520-530nm       | 2850lm         | 21-25V          | 1500mA(MAX)     |
|               |                   |            |                   |            | Blue           | 460-465nm       | 1080lm         | 21-25V          | 1500mA(MAX)     |
|               |                   |            |                   |            | White          | R+G+B           | 4800lm         | 13-25V          | 4500mA(MAX)     |
| LY-ST23200RGB | 200W              | 0.96A/220V | 320X459X76mm      | 5.6kg      | Red            | 620-630nm       | 1800lm         | 13-17V          | 2000mA (MAX)    |
|               |                   |            |                   |            | Green          | 520-530nm       | 3800lm         | 21-25V          | 2000mA (MAX)    |
|               |                   |            |                   |            | Blue           | 460-465nm       | 1440lm         | 21-25V          | 2000mA (MAX)    |
|               |                   |            |                   |            | White          | R+G+B           | 6400lm         | 13-25V          | 6000mA (MAX)    |
| LY-ST24250RGB | 250W              | 1.20A/220V | 320X553X76mm      | 6.6kg      | Red            | 620-630nm       | 2250lm         | 13-17V          | 2500mA (MAX)    |
|               |                   |            |                   |            | Green          | 520-530nm       | 4750lm         | 21-25V          | 2500mA (MAX)    |
|               |                   |            |                   |            | Blue           | 460-465nm       | 1800lm         | 21-25V          | 2500mA (MAX)    |
|               |                   |            |                   |            | White          | R+G+B           | 8000lm         | 13-25V          | 7500mA (MAX)    |

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## NOTE

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