



GD36 series LED GARDEN LIGHT

20W~120W

- All aluminum die-casting shell with high thermal conductivity and heat dissipation structure design, with a luminous efficiency of up to 160LM/W.
- Gear design is adopted for lamp body sleeve, and the installation angle is adjustable.
- Low energy consumption, using high-efficiency constant current drive, saving 60% energy; Equipped with overcurrent, overvoltage, lightning, and high temperature protection, fully ensuring product life and stable performance.
- Bat wing light distribution to achieve the best uniform lighting and improve the lighting effect.
- Light controller can be installed optionally to facilitate light control and other intelligent control.
- The protection level can reach IP66&IK09.



GD36-A



GD36-B



GD36-C



GD36-D



GD36-E



GD36-F

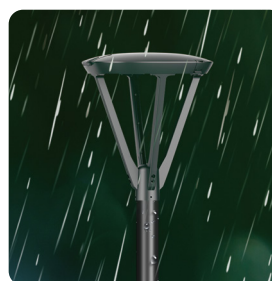
| Product Number | GD36-A | GD36-B | GD36-C | GD36-D | GD36-E | GD36-F |
|-----------------------|---|-------------|-------------|-------------|-------------|-------------|
| Rated Power | 30W~120W | | | | | |
| Input Voltage | 100~277V AC or 12/24V DC | | | | | |
| LED Brand | LUMILEDS, CREE or SOUL | | | | | |
| Chip Type | SMD3030 or SMD5050 | | | | | |
| Led Light Luminous | >130LM/W@SMD3030, >160LM/W@SMD5050 | | | | | |
| Driver brand | MW, PHILIPS, INV or SOSEN | | | | | |
| Beam Angle | TYPE II, TYPE III or TYPE V, optional | | | | | |
| Control method | Regulor, 0-10V/PMW/DALI dimming, optional | | | | | |
| Sensor | Nema or ZHAGA, optional | | | | | |
| Power factor | >0.95 | | | | | |
| Color rendering index | >70 or >80 | | | | | |
| Frequency Range | 50/60Hz | | | | | |
| Color Temp | 2700~6500K | | | | | |
| Lamp body material | AL Body, PC lens and GLASS cover | | | | | |
| Installation diameter | Φ76mm(default), or Φ60mm | | | | | |
| Working Temperature | -40~55°C | | | | | |
| Working Humidity | 10~90% | | | | | |
| Life/Warranty | >50,000hrs | | | | | |
| Surge protection | 10KV or 20KV | | | | | |
| IP Grade | IP66 | | | | | |
| IK Grade | IK10 | | | | | |
| Lamp Size (mm) | 480x470x550 | 480x470x590 | 480x470x590 | 480x470x590 | 670x470x110 | 480x470x293 |
| Installation diameter | Φ76mm(faulted), or Φ60mm | | | | Φ60mm | |
| N.W | 8.4±0.2KG | 8.9±0.2KG | 8.7±0.2KG | 8.7±0.2KG | 8.1±0.2KG | 8.2±0.2KG |
| Certification | CE CB ENEC/ENEC+ RoHS | | | | | |

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IK Degree: IK10
The degree of protection of the enclosure against harmful mechanical impact.



IP Degree: IP66
Prevent water spraying, and the water jet aiming at the equipment from any direction shall not cause damage.

Product Display

The GD36 combines visually stunning fixtures and six different installation styles. The result is Lighting solutions enhance the richness of the lighting installation environment. Regardless of the configuration, each product in the GD36 series has the same graceful bending fixture. Featuring a clean shell and almost seamless installation components.

POLE MOUNTED

Pole mounted lamps have an upward curved side arm installation design. Modern and fashionable design helps GD36 integrate into any environment.



OPTICAL SYSTEM

With its dense LED arrangement and precision optics, the GD36 delivers high-performance illumination and extraordinary visual comfort.



Optional optical controller

This series of lamps can be equipped with various sensors/light management systems, which can achieve functions such as photoelectric timing, dimming, remote management, and fault alarm.



Product Display

Lighting plays an increasingly important role. A good lighting environment helps residents and visitors feel safe and experience the city more pleasantly even at night.

Urban lighting plays an important role in making cities better and safer. Good lighting helps residents and visitors to feel better and enjoy the city at night also. Thanks to the LED efficient lighting system, energy consumption can be reduced, energy efficiency and sustainability can be achieved.



Two types of lenses are available, with patented light source technology. Through a special structure, the light emitted by the light source can be formed into a bat wing shape, achieving the best uniform lighting and improving the lighting effect.



Product Display

The overall design of this lamp is based on simple design, and the shape is modern and beautiful.

Outline the outer contour of the whole lamp with simple lines, And integrate into the combination of point, line and surface elements in aesthetics.

The lamp body is made of high-pressure die-casting aluminum, which has strong corrosion resistance;

Can adapt to a variety of optical angles, suitable for different installation environments, three-dimensional and full of layers.



FLOWING FORM

- Smooth transition regardless of mounting
- Styling complements surroundings
- Well hidden hardware

Product Display

The appearance is more simple, classic and durable, and can be integrated into various environments;

High pressure die-casting aluminum lamp body, with sturdy structure and excellent seismic resistance;

The surface of the lamp is sprayed with outdoor professional plastic powder, which has strong corrosion resistance and durability;

The main light source adopts international brand multi chip packaging LED, which is of high quality, high light efficiency, and long service life.

Multiple optical angles, suitable for different application locations and installation environments.



• Hoisting Installation

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• Side arm model

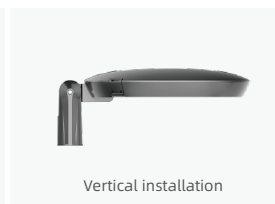
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Installation method

The luminaire adopts horizontal and vertical installation, and supports angle adjustment, which can be adjusted according to different lighting environment to meet different lighting needs.



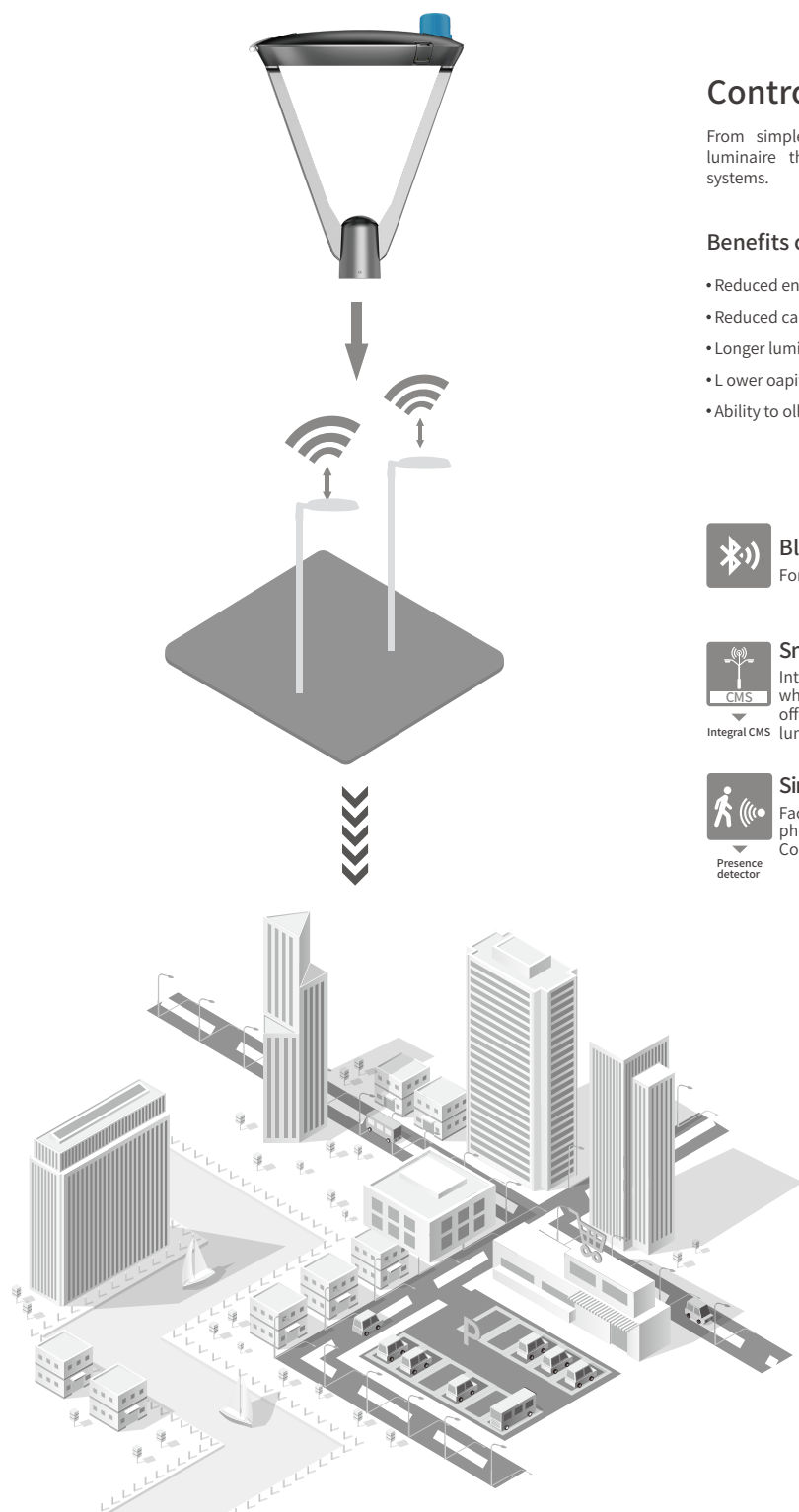
Horizontal installation



Vertical installation

Intelligent Lighting

The lamps can be equipped with smart components and configured as smart street lamps, integrating transportation, environmental monitoring, energy management, city management and other hardware functions, which can be widely distributed to all corners of the city to help the construction of smart cities.



Control options

From simple factory-set dimming to full CMS: enhance your luminaire through intelligent, connected sensors and control systems.

Benefits of smart control

- Reduced energy consumption
- Reduced carbon footprint
- Longer luminaire life
- Lower capital, maintenance and energy costs
- Ability to collect data



Bluetooth

For on/off switching, light control and dimming



Smart control

Integral CMS: connected (or Smart) assets which use wireless communications networks, offering optimal flexibility. Control a single luminaire or group switch remotely.



Simple, stand-alone controls

Factory-set dimming, time switches, photocells and presence detectors. Control in its simplest form.

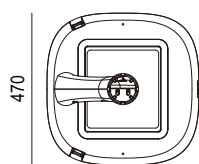
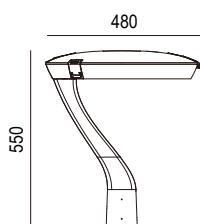
traffic

Environmental
monitoring

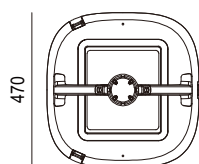
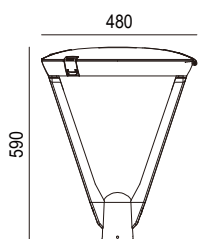
Traffic management

City management

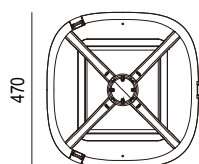
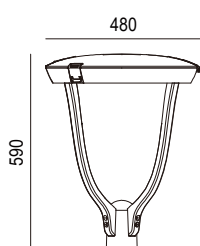
Product Size



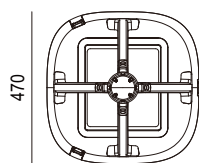
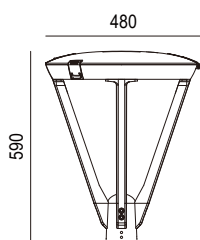
·GD36-A



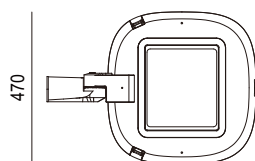
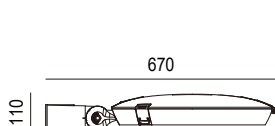
·GD36-B



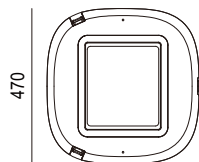
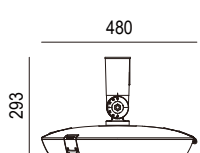
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·GD36-D



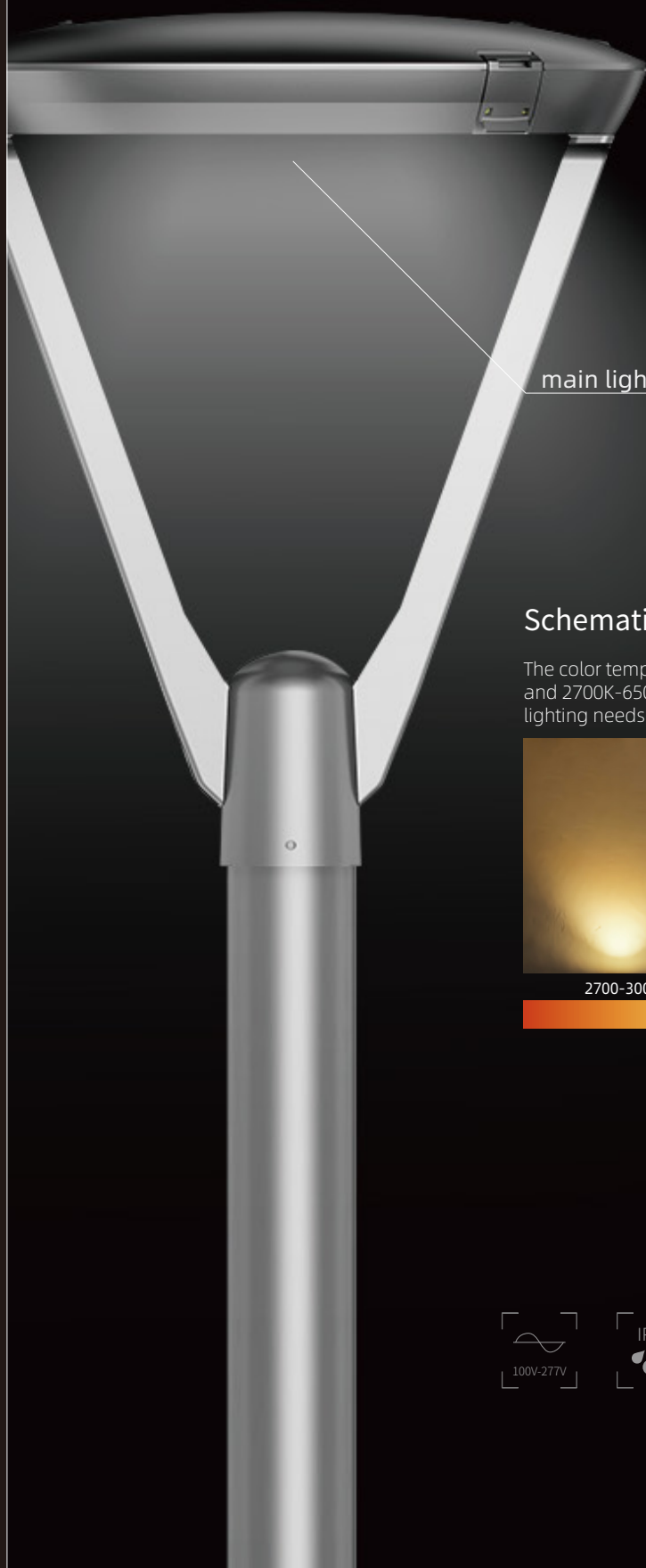
·GD36-E



·GD36-E

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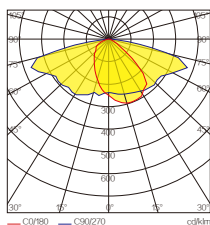
main light source

Schematic diagram of color temperature

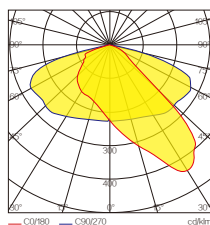
The color temperature can be adjusted according to the lighting needs, and 2700K-6500K cold and warm light can be switched to meet different lighting needs.



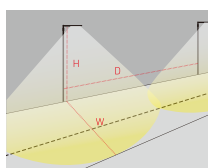
Light Distribution Display



TYPE II-M



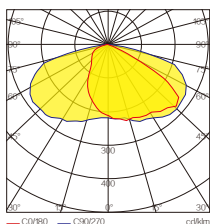
TYPE II-S



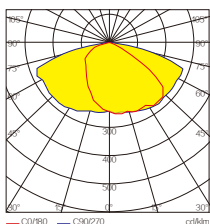
TYPE II-M: This type of light is mainly used for wide sidewalks, entrances to traffic lanes, bicycle lanes or other narrow and narrow lighting applications. The main body of the lamp holder is located on the side of the road, not in the center. The illumination width is roughly 1.75 times the lamp height.

H=The vertical height of the street light pole and the ground
W = the width of the irradiated area
D = the distance between the street lamp and the street lamp

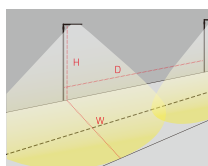
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TYPE III-S



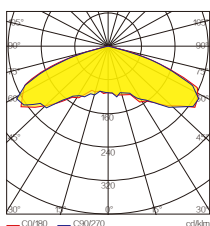
TYPE III-S



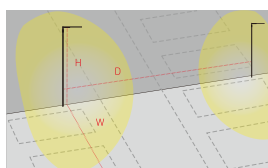
TYPE III-S: Mainly used for highways, driving lanes, parking lots and general square lighting. The main body of the lamp holder is located on the side of the road, and the lighting width is 2.75 times the height of the lamp.

H=The vertical height of the street light pole and the ground
W = the width of the irradiated area
D = the distance between the street lamp and the street lamp

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TYPE V



TYPE V: Mainly used for general parking lot lighting and large-scale square lighting. The lighting range is a circle, and the main body of the lamp holder is located in the center of the lighting area.

H=The vertical height of the street light pole and the ground
W = the width of the irradiated area
D = the distance between the street lamp and the street lamp



It is suitable for parking lots, parks, residential areas, industrial areas, schools, hospitals, communities and other outdoor lighting places



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