

GD01-A series 30~80W LED Courtyard Light



CE CB
RoHS

Product Description

- The GD01A series lighting fixtures are derived from aesthetics and classical outdoor design. This traditional design now adopts the most advanced LED lighting technology.
- GD01A series lighting fixtures are designed for easy installation and integration with modular lighting.
- The lamp body adopts die-casting aluminum technology, which is corrosion-resistant.
- Adopting efficient SMD5050 lamp beads and high-quality constant current drive, reliable performance and long lifespan.
- Exquisite structural waterproof design, with a protection level of up to IP66.

Features

- Historical shape
- Energy -efficient luminaire
- Variety of mounting options: luminaire can be combined with different columns, brackets and multiple-arm brackets.

Application

- Main urban roads and streets
- Side and residential roads and streets City centers and historical areas
- Cycle and pedestrian paths Parking areas
- Squares, parks and playgrounds

Product Number	GD01-A
Rated Power	30W-80W
Input Voltage	AC100~277V
Type Of Light Source	MW, PHILIPS, INV or SOSEN
Chip Type	LUMILEDS, SMD3030 or SMD5050, optional
Led Light Luminous	130LM/W@SMD3030, 150LM/W@SMD5050
Beam Angle	TYPE II 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
Frequency Range	50/60Hz
Color Temp	2700-6500K
Lamp body material	AL Body, PC lens and GLASS cover
Installation diameter	Φ76mm(default), or Φ60mm for option
Working Temperature	-40~55°C
Working Humidity	10~90%
Life/Warranty	>50,000hrs
IP Grade	IP66
IK Grade	IK09
Lamp Size	400x400x815mm
N.W	7.0±0.2KG
Certification	CE CB ENEC RoHS

01

Series display



02

Product Display

The modern minimalist style courtyard lights mainly feature soft lines and simple shapes, often made of materials such as iron and cast aluminum, creating a simple, fresh, and elegant atmosphere of European classical gardens. This style of courtyard lights often use warm tones, giving people a warm and romantic feeling.



Minimalist exterior design

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

OPTICAL SYSTEM

- Dense LED arrangement
And precision optics,
Provide high performance
Lighting and extraordinary visual comfort.

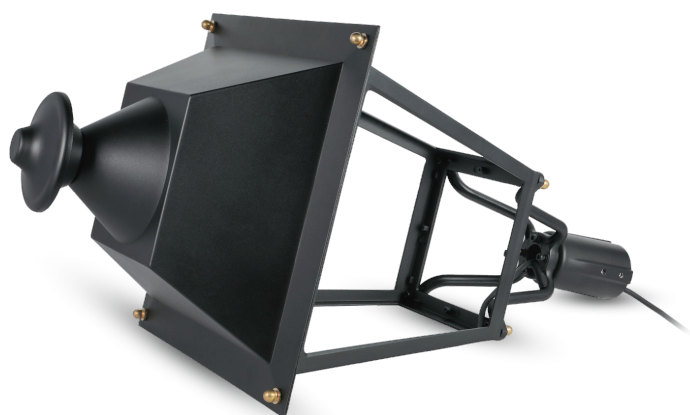
Patented light source technology, through a special structure, the light emitted by the light source can be formed into a bat wing shape to achieve the best uniform illumination and improve the lighting effect.



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.

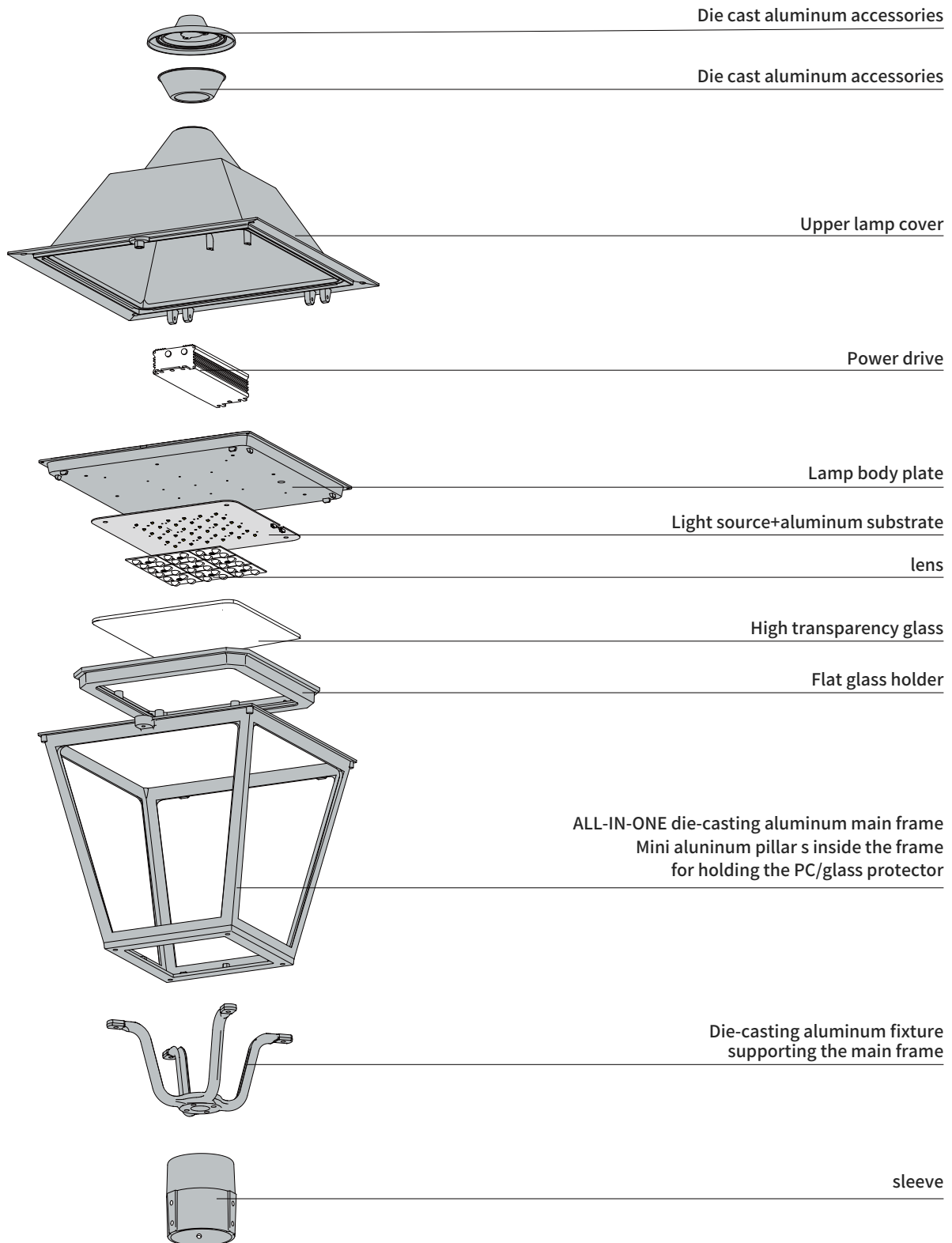


03



04

Structure display



Series display

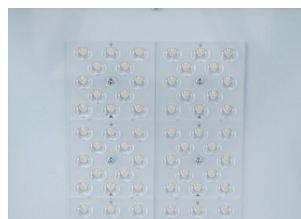
BODY

The body is made of high pressure die-cast aluminum with strong corrosion resistance. The overall modeling design is simple and atmospheric, modern and beautiful.



Highlight light source

Adopting a high brightness light source chip and paired with a bat wing lens to achieve the best uniform illumination and improve the lighting effect. High luminous efficiency, more energy-saving, and high cost-effectiveness.



Built-in driver

Constant current output control mode, adjustable light shut-off, with lightning protection, overvoltage protection, short circuit protection, and over temperature protection, ensuring high product reliability.



Spindle design

Rotary shaft design, the lamp cover can be opened and closed with a large aperture, and can be opened at any angle. It is easy to install and maintain, and is not constrained.



Batwing lens

The latest patented light source technology utilizes a special lens structure to achieve a bat wing shape of the light emitted from the light source, achieving optimal uniform illumination and improving lighting effects.



Styling sleeve design

Adopting a simple hollow sleeve design, it is simple and elegant, and can adapt to different lighting environments.



05

06

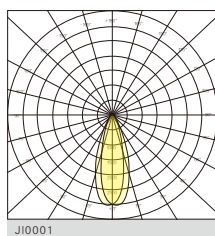
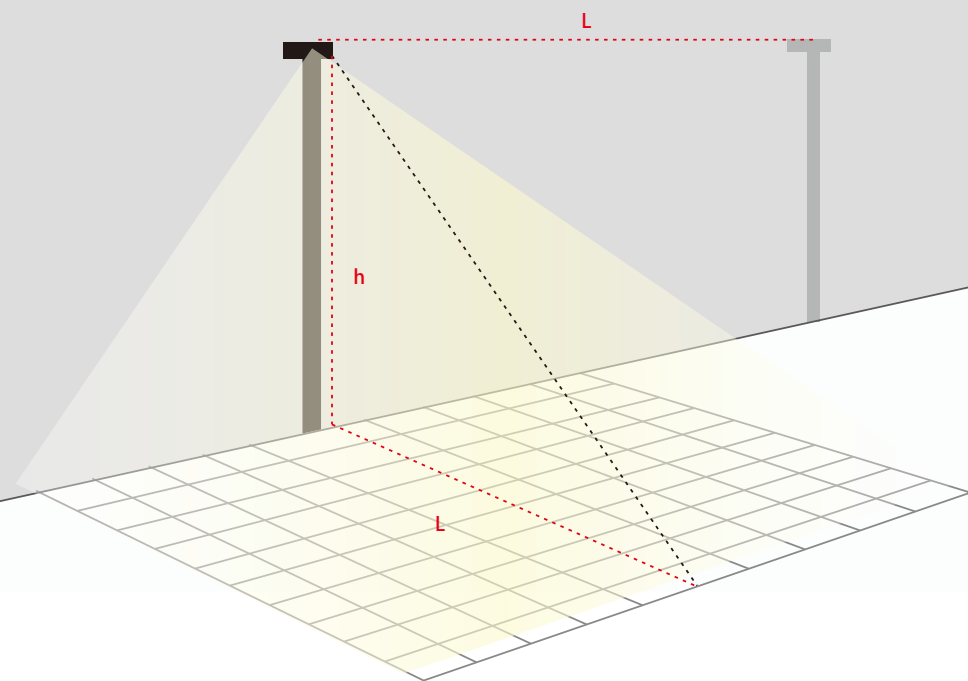
Light distribution display

D=Distance to height ratio (L/h)

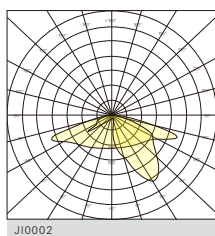
H=height of lamp pole

L=distance between lamp poles

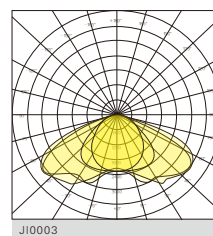
L=Lighting area width



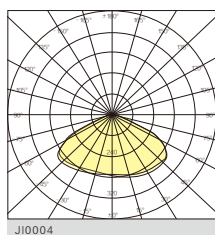
Key atmosphere lighting for buildings, trees, and sculptures in urban public spaces
 $I=(0.8-4.0) h$
 $D=1$
 Glare level: G5 (Lens)



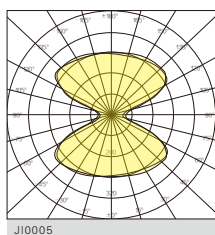
Suitable for pedestrian lighting in urban commercial blocks, squares, parks, scenic spots, residential areas, and parks
 $I=(3.0-6.0) h$
 $D=1$
 Glare level: G5 (Lens)



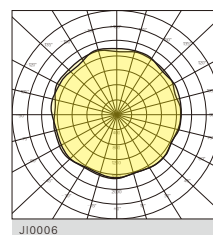
Suitable for lighting of urban commercial blocks, squares, parks, scenic spots, residential areas, and park roads
 $I=(3.0-8.0) h$
 $D=1$
 Glare level: G5 (Lens)



Suitable for pedestrian lighting in urban commercial blocks, squares, parks, scenic spots, residential courtyards, and parks, with high visual comfort
 $I=(3.0-4.0) h$
 $D=1.2$
 Glare level: G7 (diffuser)

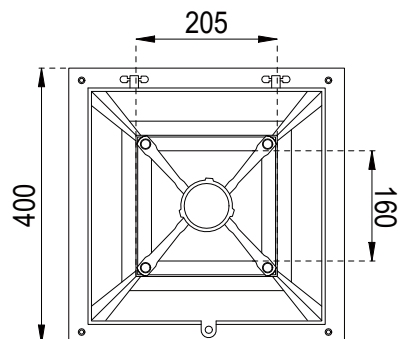
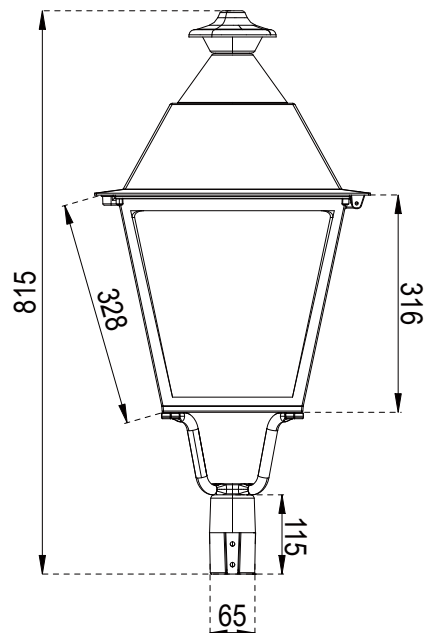
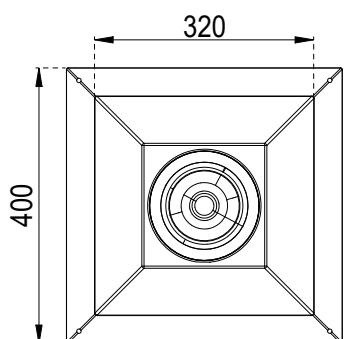
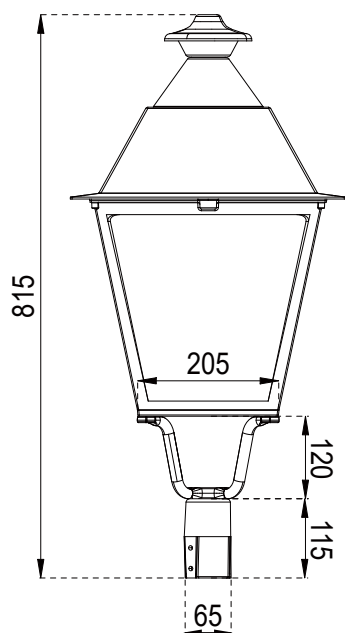


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Product Size



07

08



IK Degree: IK09
All-round sealing,
anti-drop, anti-collision,
Adopt ADC12 material,
sturdy and more durable.



IP Degree: IP66
Professional all-round
waterproof technology,
Rainproof, anti-corrosion,
high temperature resistance
and more durable.



main light source

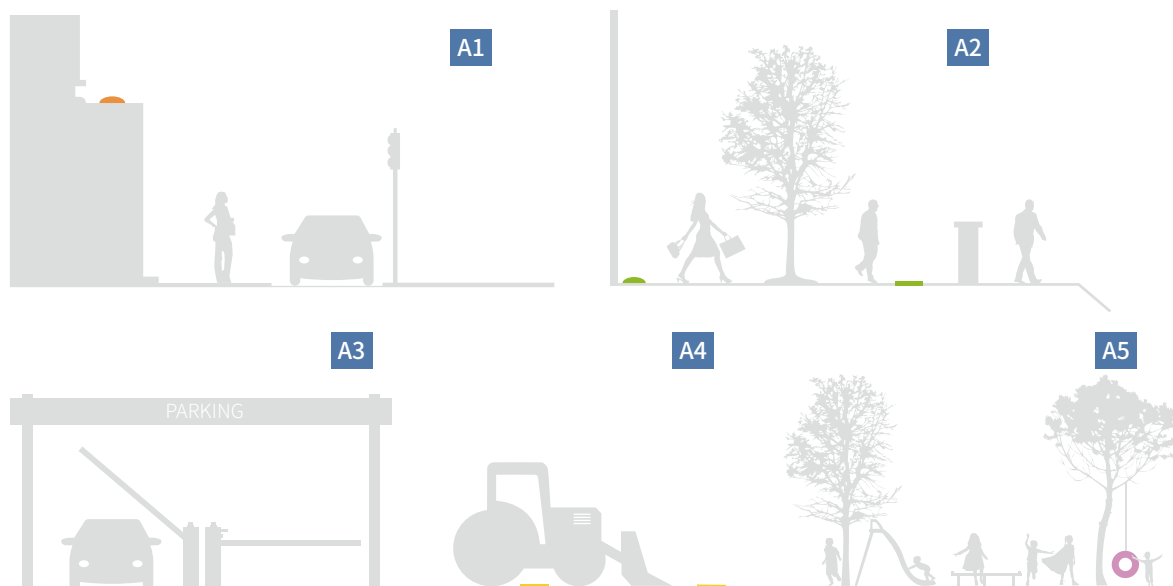
Schematic diagram of color temperature

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.



• Scope of application

It is widely used in any outdoor lighting places such as roads, squares, scenic spots, parks, etc.



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



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