

GD32 series 30~120W LED Courtyard Light



Product Description

- The GD32 series lighting fixtures are derived from aesthetics and classical outdoor design. This traditional design now adopts the most advanced LED lighting technology.
- GD32 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

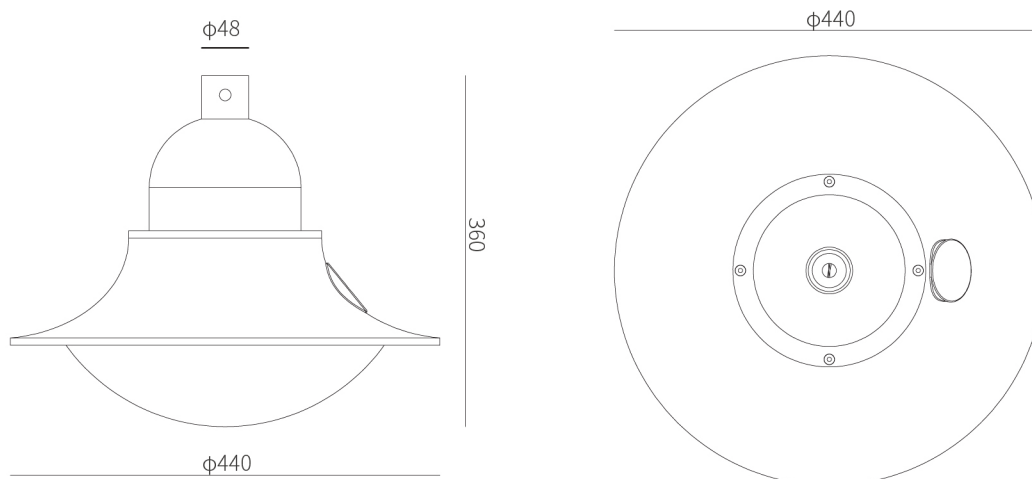
- Main urban roads and streets
- Side and residential roads and streets City centers and historical areas
- Cycle and pedestrian paths Parking areas
- Squares, parks and playgrounds

Product Number	GD32
Rated Power	30W-120W
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	3000-6500K
Lamp body material	AL Body, PC lens and GLASS cover
Installation diameter	φ48mm
Working Temperature	-40~55°C
Working Humidity	10~90%
Life/Warranty	>50,000hrs
IP Grade	IP66
IK Grade	IK09
Lamp Size	φ440x360mm
Authentication	CE CB ENEC RoHS

01

Product Size

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.

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.

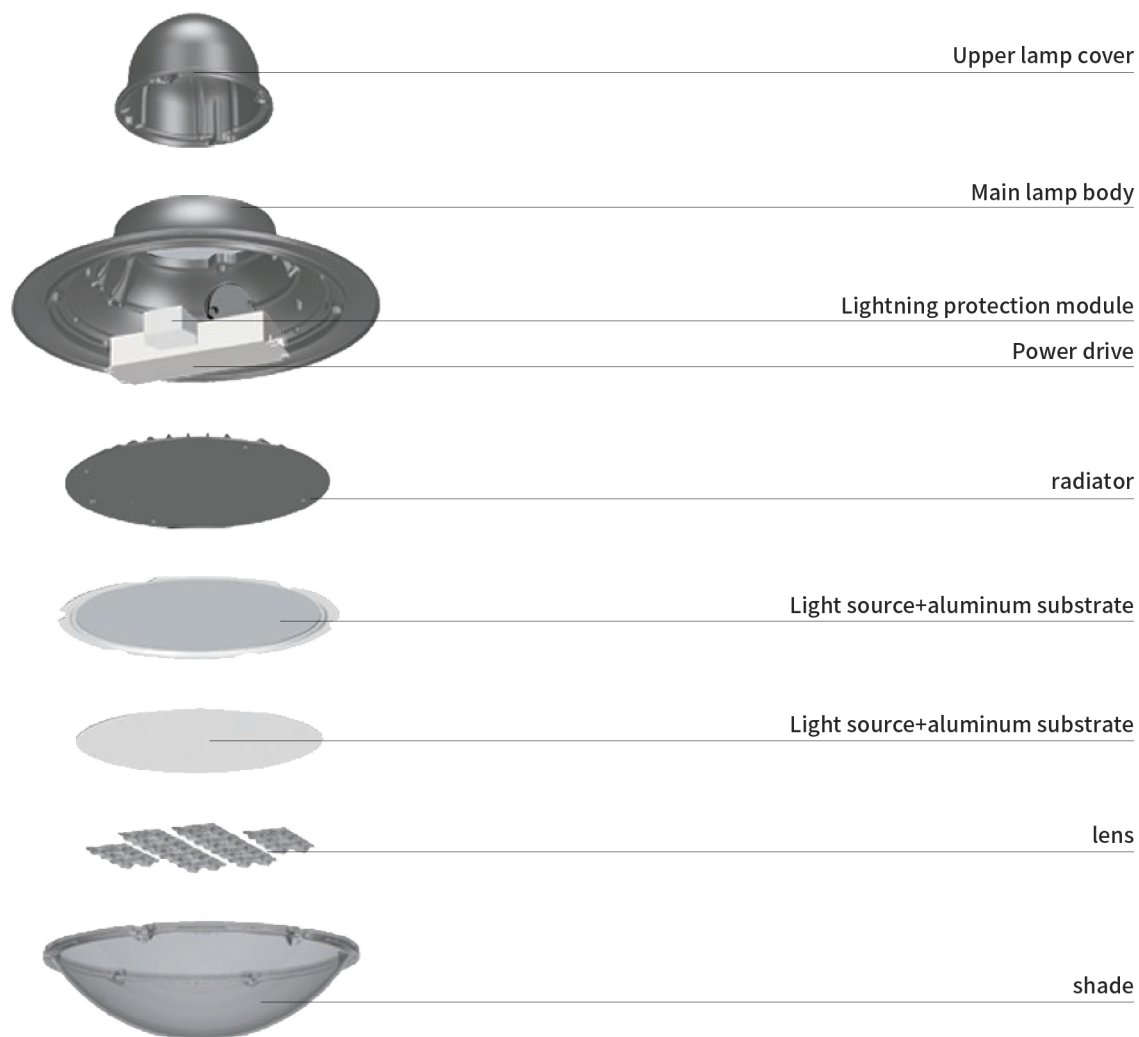


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Structure display



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.

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.



Dual waterproof design

Dual waterproof design, with sealing strips added under the waterproof boss design. Achieve precision waterproofing.



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 sleeve hoisting installation method, applying courtyard lighting and wall lamp lighting; Can adapt to different lighting environments.



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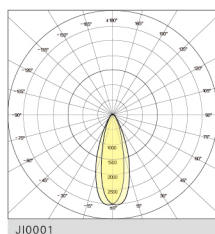
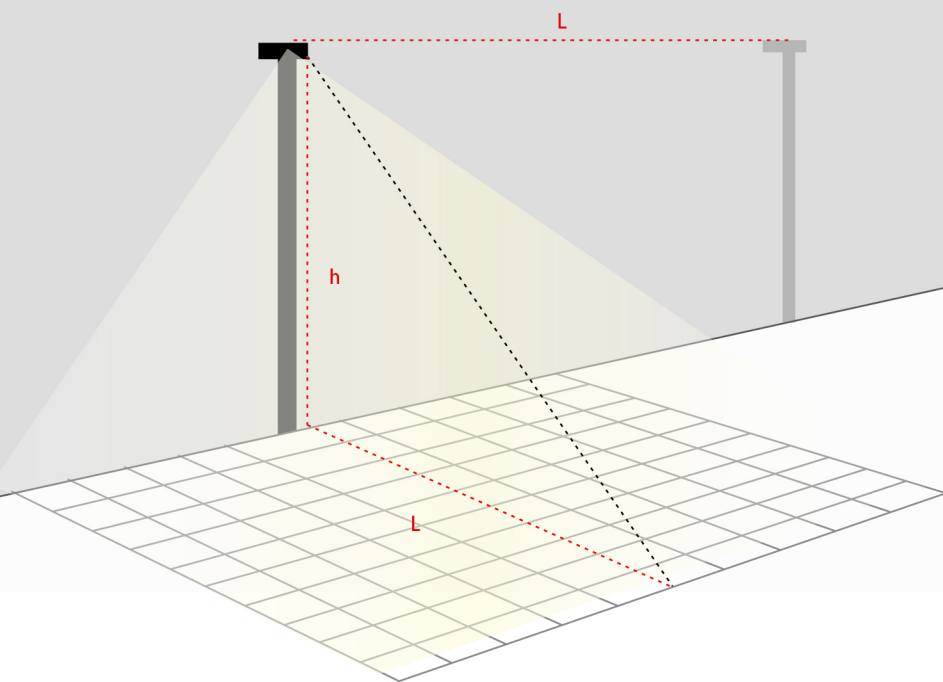
Light distribution display

D=Distance to height ratio (L/h)

H=height of lamp pole

L=distance between lamp poles

L=Lighting area width

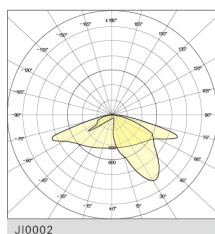


Key atmosphere lighting for buildings, trees, and sculptures in urban public spaces

$L=(0.8-4.0)h$

D=1

Glare level: G5 (Lens)

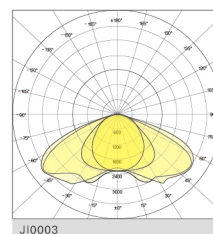


Suitable for pedestrian lighting in urban commercial blocks, squares, parks, scenic spots, residential areas, and parks

$L=(3.0-6.0)h$

D=1

Glare level: G5 (Lens)

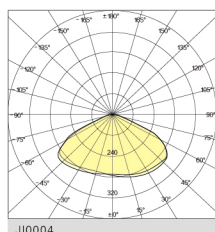


Suitable for lighting of urban commercial blocks, squares, parks, scenic spots, residential areas, and park roads

$L=(3.0-8.0)h$

D=1

Glare level: G5 (Lens)

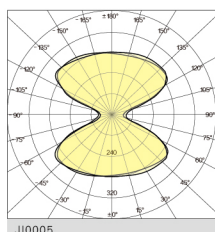


Suitable for pedestrian lighting in urban commercial blocks, squares, parks, scenic spots, residential courtyards, and parks, with high visual comfort

$L=(3.0-4.0)h$

D=1.2

Glare level: G7 (diffuser)

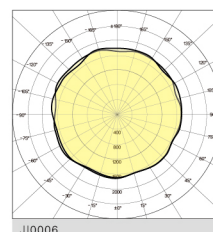


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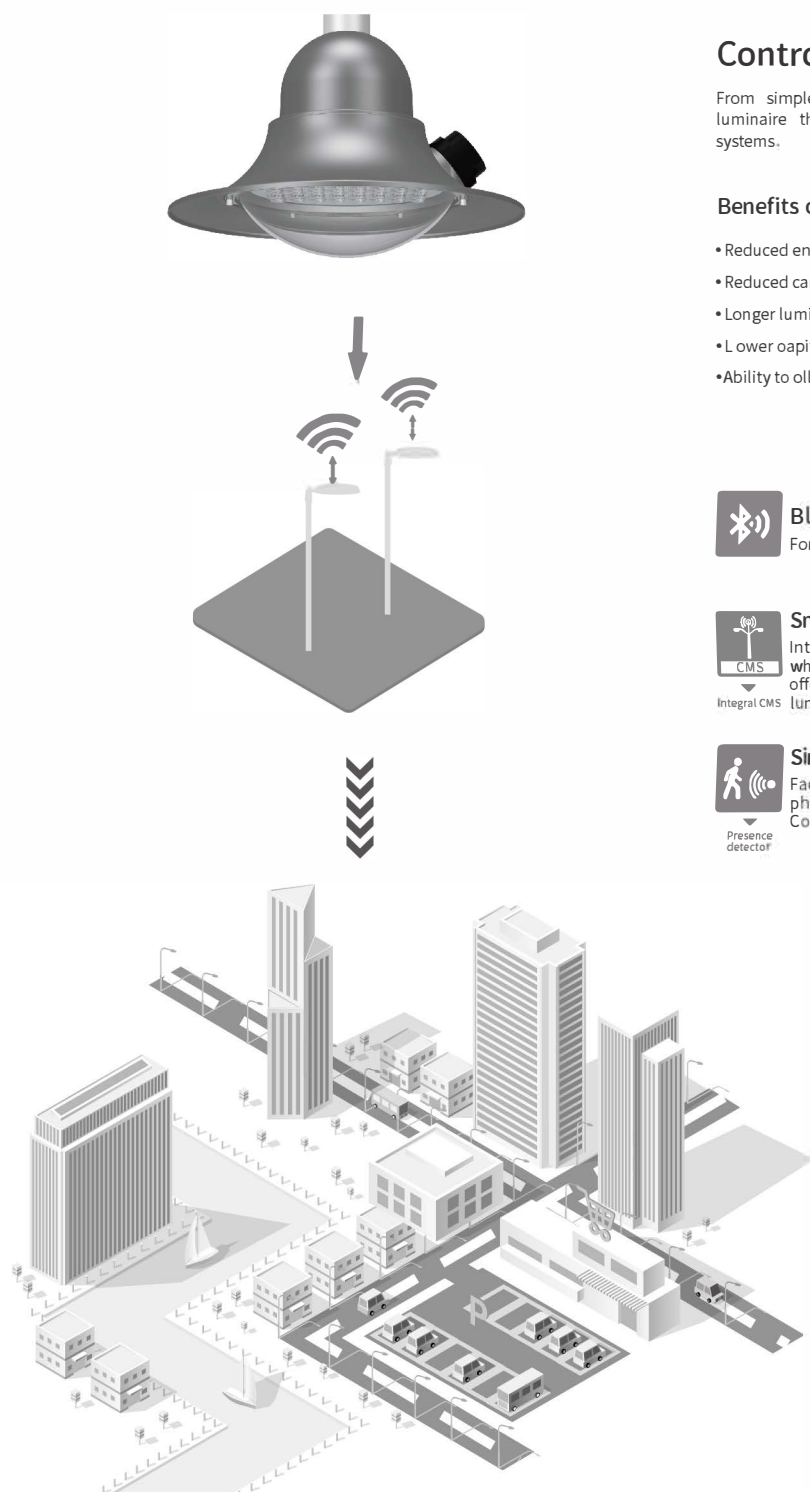
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D=1.2

Glare level: G7 (diffuser)

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

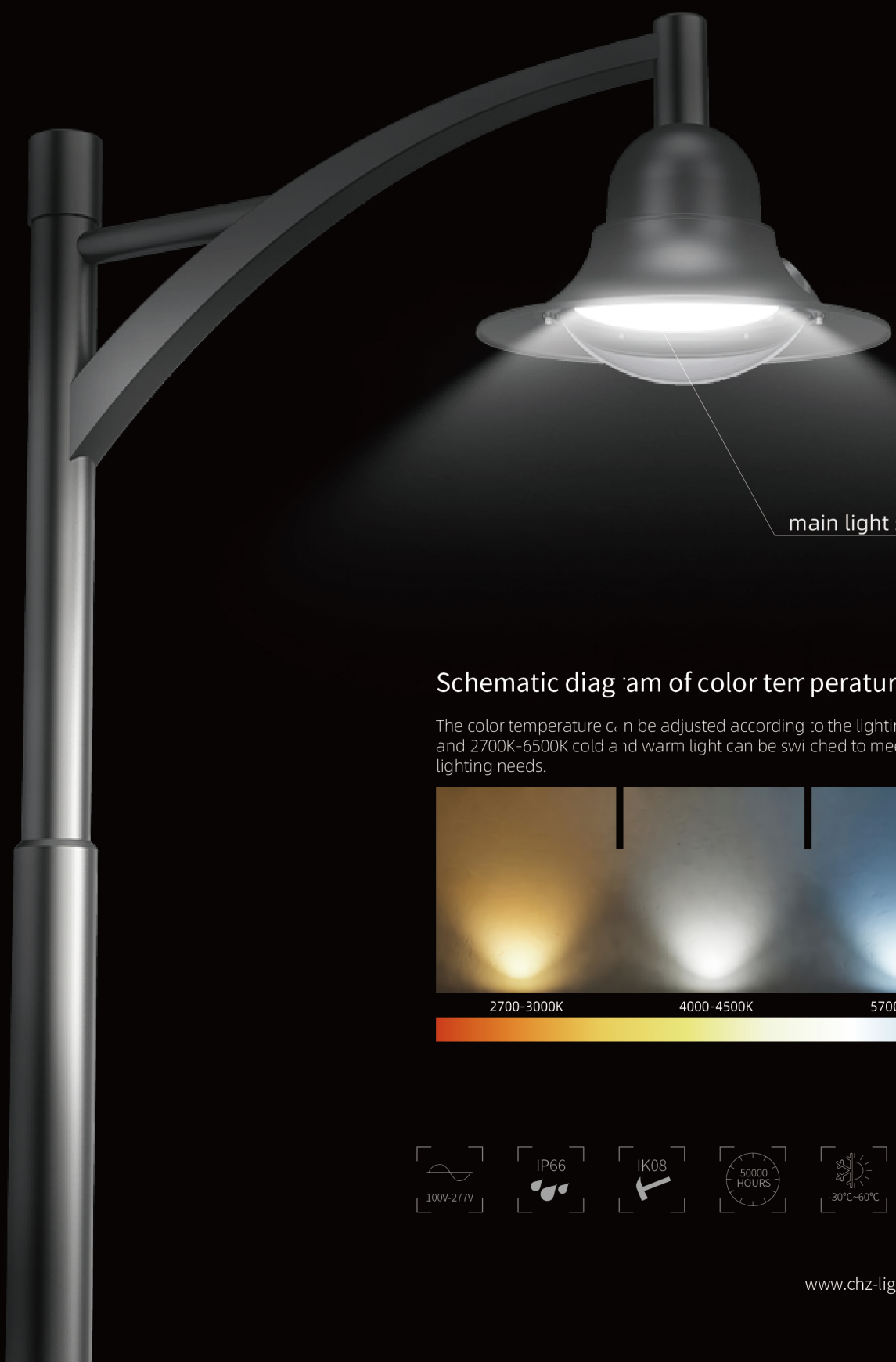
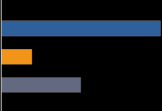
Factory-set dimming, time switches, photocells and presence detectors. Control in its simplest form.

traffic

Environmental
monitoring

Traffic management

City management



main light source

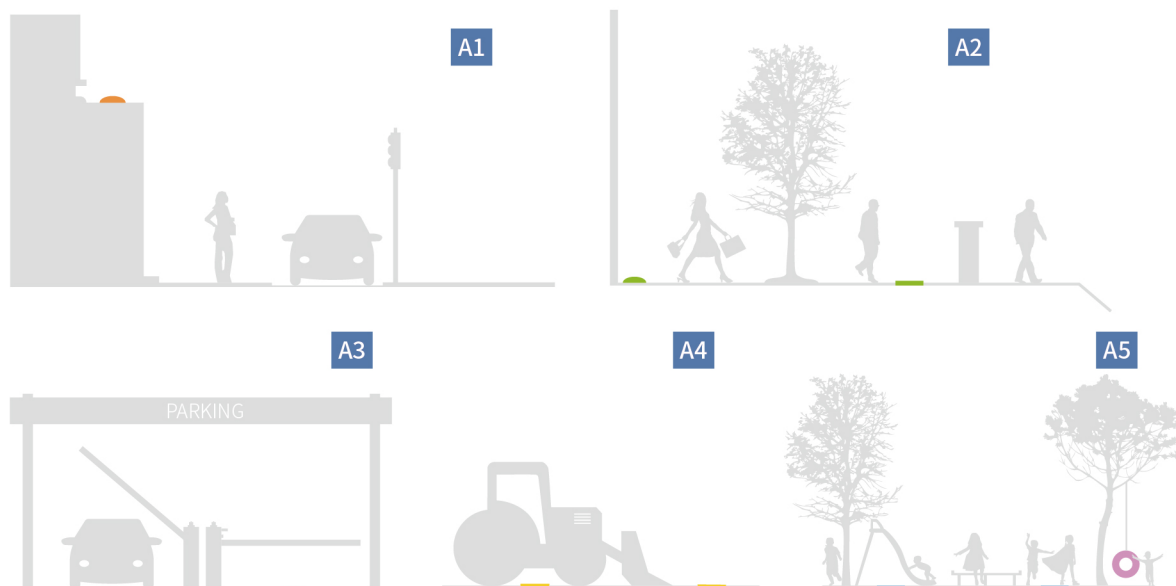
Schematic diagram of color temperature

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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