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ID-BES

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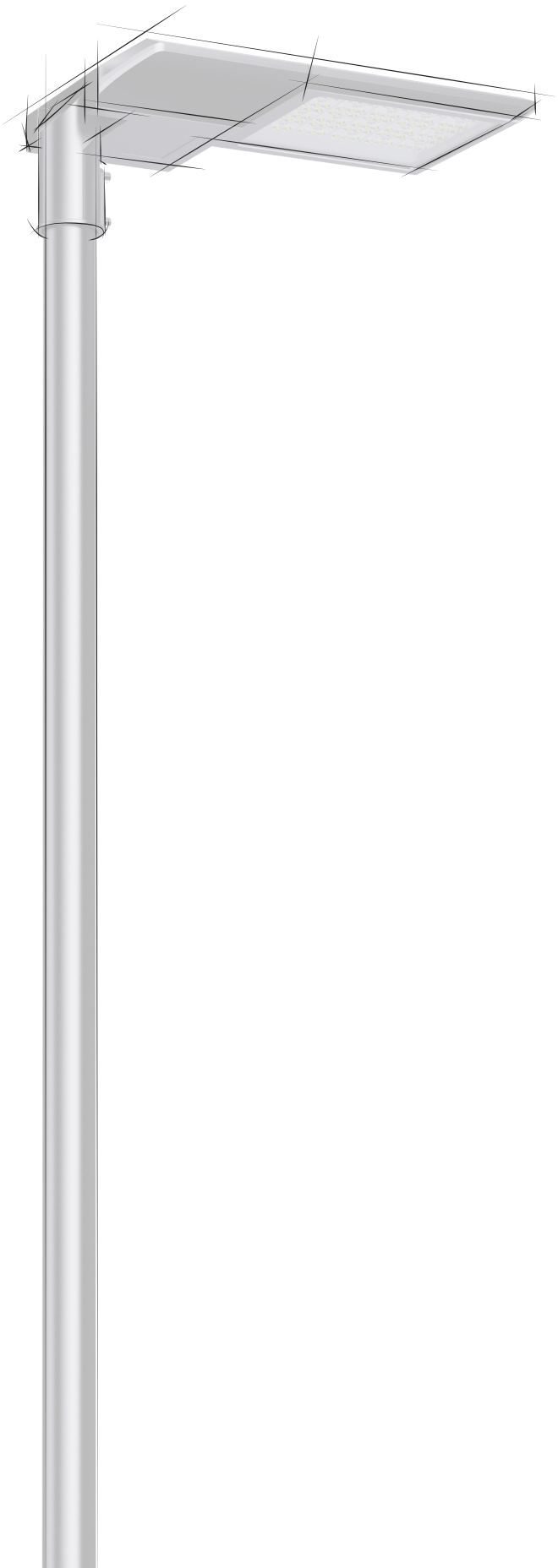
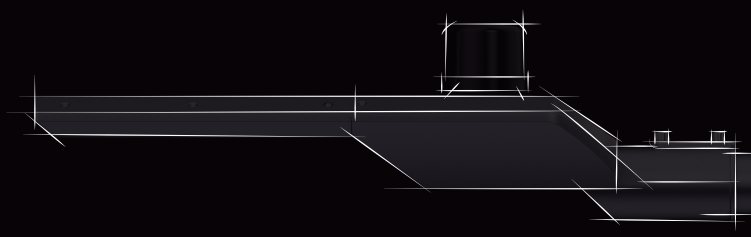


The Futuristic Design of Street Light

ID-BES is designed based on the futuristic design as the technology idea. It combines the latest technology of led chips with the highest lighting efficiency and led driver which reaches PF 0.97 and super stability of long-time serving performance.

ID-BES is perfect to light up various application like high way road, city road, pedestrian road, etc with high luminous efficiency up to 170lm/w. It is compatable with ZHAGA socket for remote intelligent control system if required.



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Application Scene

Streets, paths and bike paths

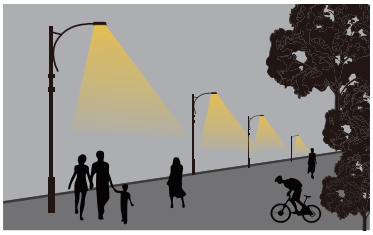
Residential streets

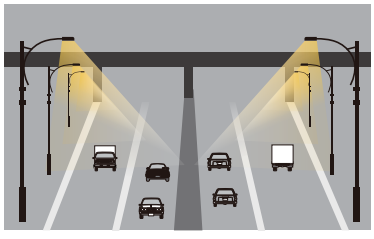
Shared zones, commercial

streets in urban areas

Rural roads,Urban roads

Motorways and ring roads





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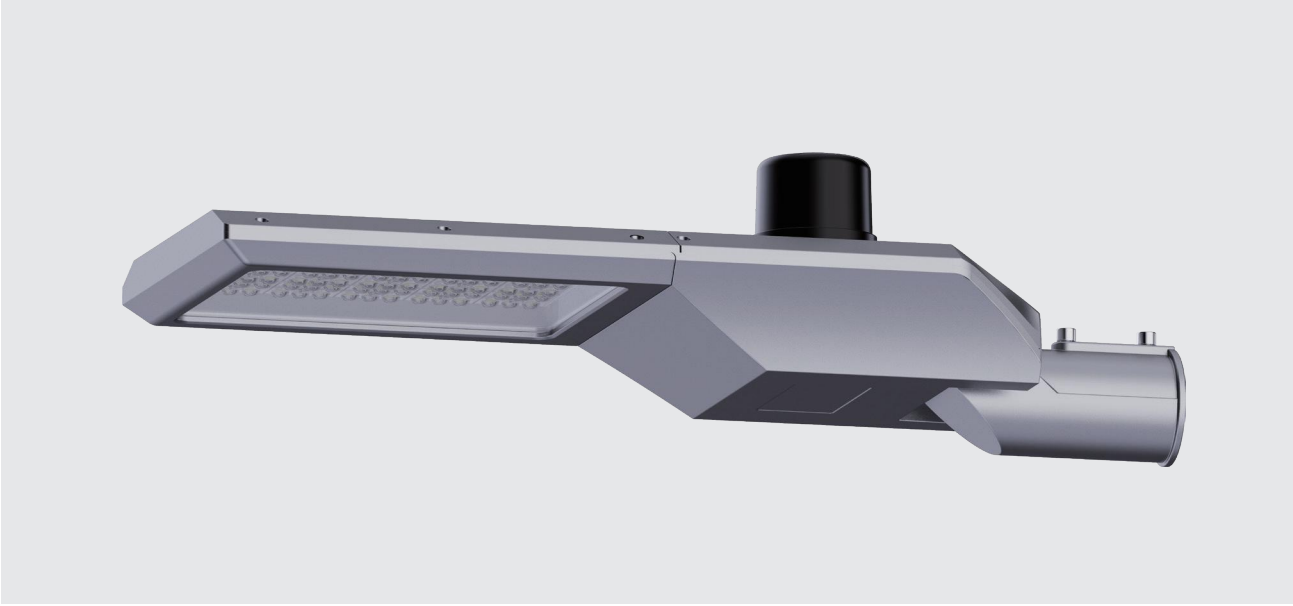
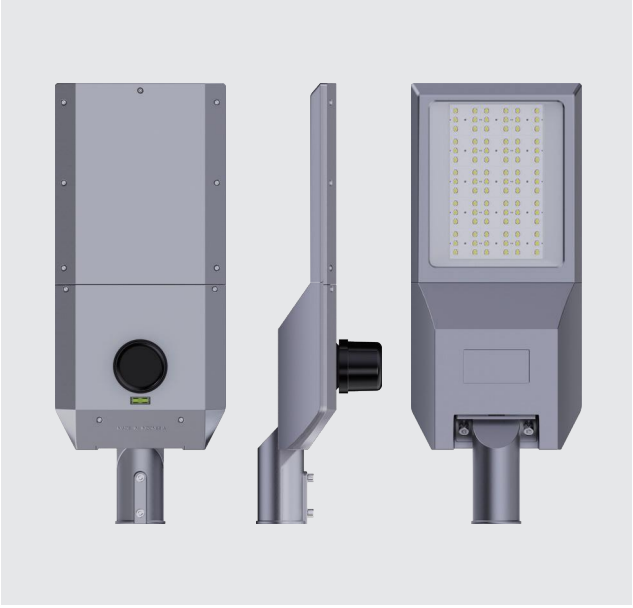
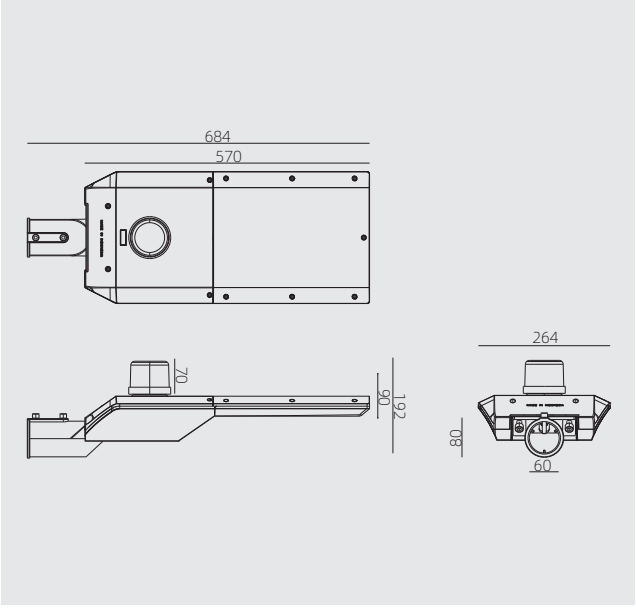
Technical parameters

Model	ID-BES
Power	100~120W
Luminaire efficiency	>170Lm
Type of light distribution	Bat Wing for light
Product dimensions	684 x 264 x 192mm
Installation Height	6-12m

IP65 | IK08 | CRI 70-80 | 100-277V | 50-60Hz | PF >0.95 | CCT 3000K~5700K | 50000H | -40℃ 60℃







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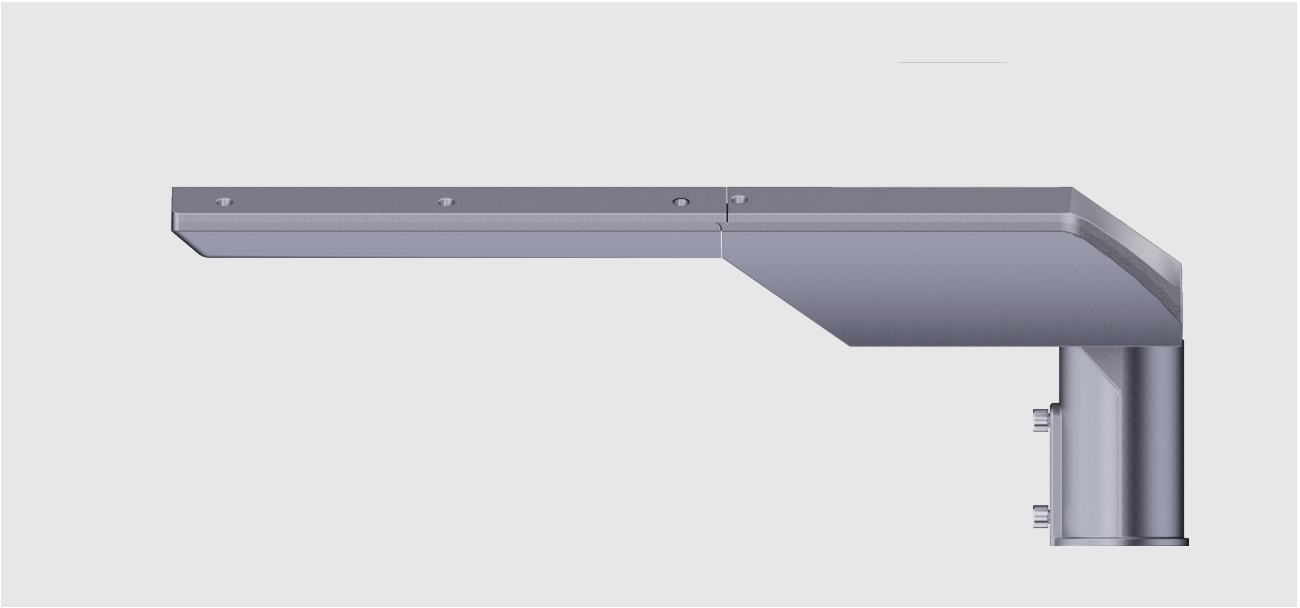
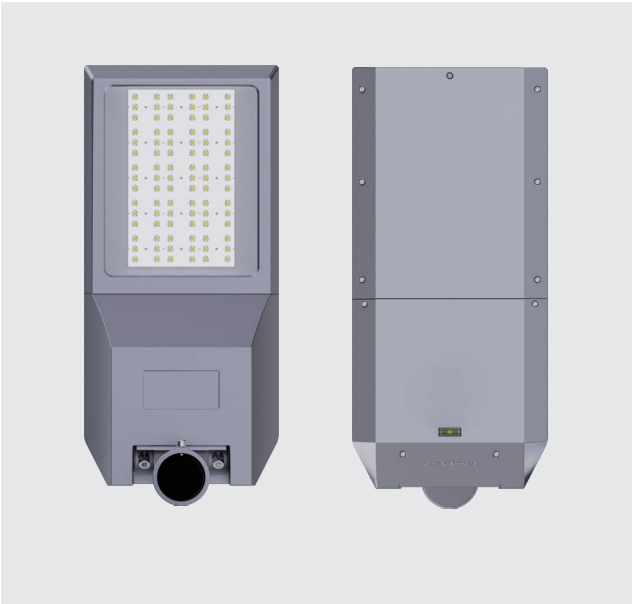
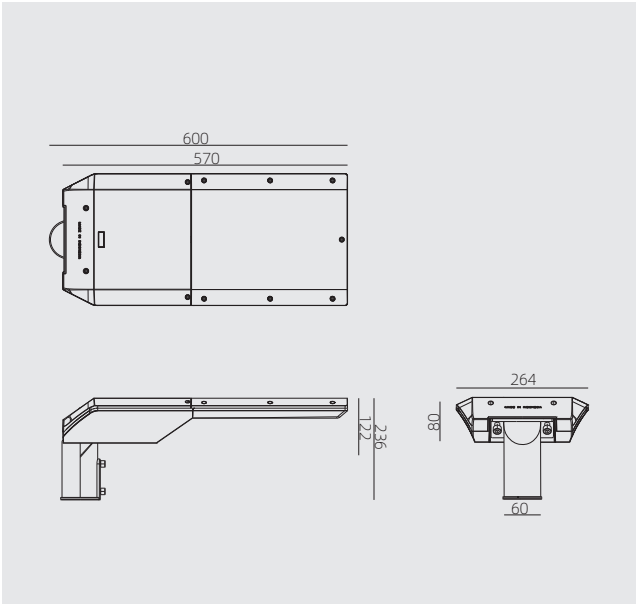
Technical parameters

Model	ID-BES	ID-BES	ID-BES
Power	80-100W	100-130W	130-160W
Luminaire efficiency	>160Lm	>160Lm	>160Lm
Type of light distribution	Bat Wing for light	Bat Wing for light	Bat Wing for light
Product dimensions	600 x 264 x 306mm	600 x 264 x 306mm	600 x 264 x 306mm
Installation Height	4-6m	6-8m	8-12m







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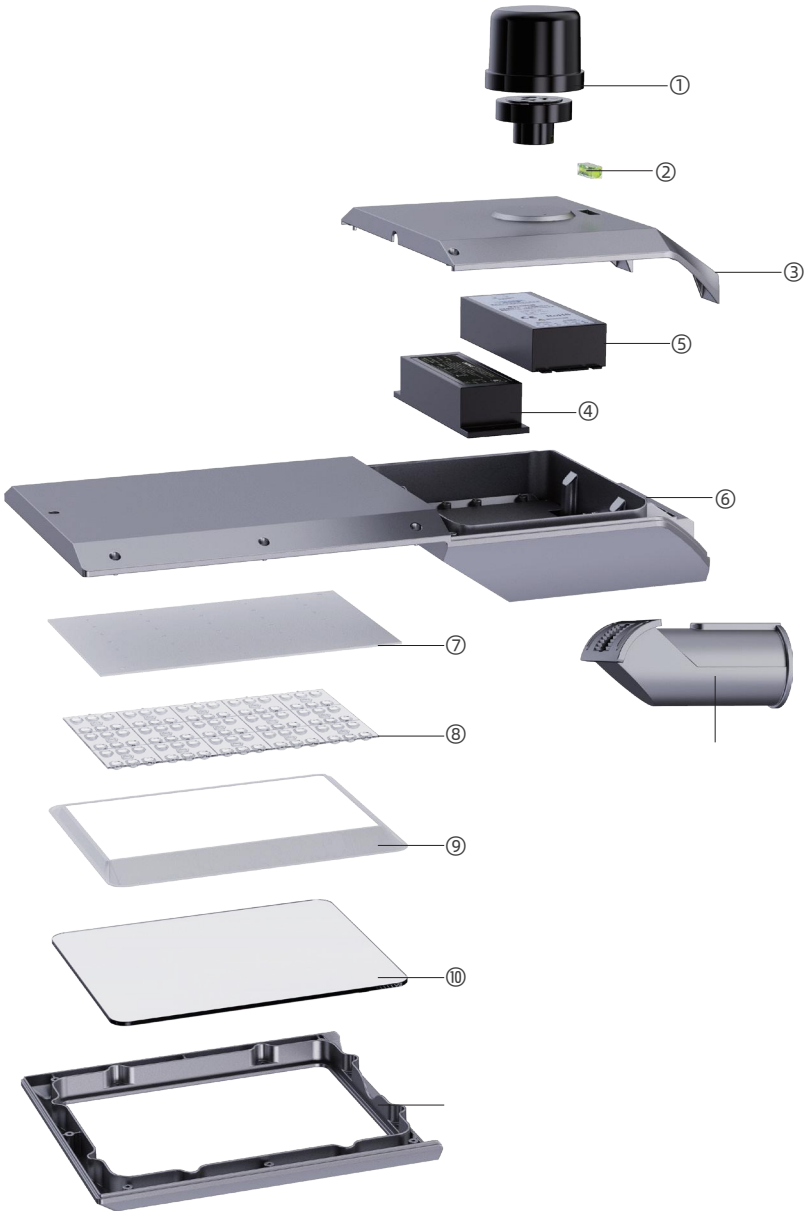
Structure Presentation



① Optical controller

② Gradienter

③ Upper lamp cover

④ Power drive

⑤ Single lamp controller

⑥ Main lamp body

⑦ Light source plate

⑧ Bat airfoil lens

⑨ Reflector

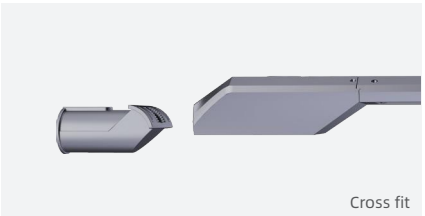
⑩ Ultrawhite glass

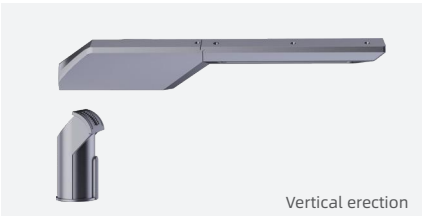
Lower lamp cover

Sleeve

- **Double sleeve installation mode**

  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.


Cross fit


Vertical erection

Angle adjustable

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◎Light controller can be optionally installed to facilitate light control and other intelligent controls.

◎The level gauge is designed to facilitate installation and calibration.

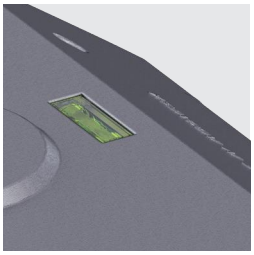
◎Tempered protection glass cover

◎Bat airfoil light distribution to achieve the best uniform illumination and improve the lighting effect.

◎High efficiency single lamp controller

◎Independent power supply compartment, convenient maintenance.

◎The lamp body sleeve adopts gear design, and the installation angle can be adjusted



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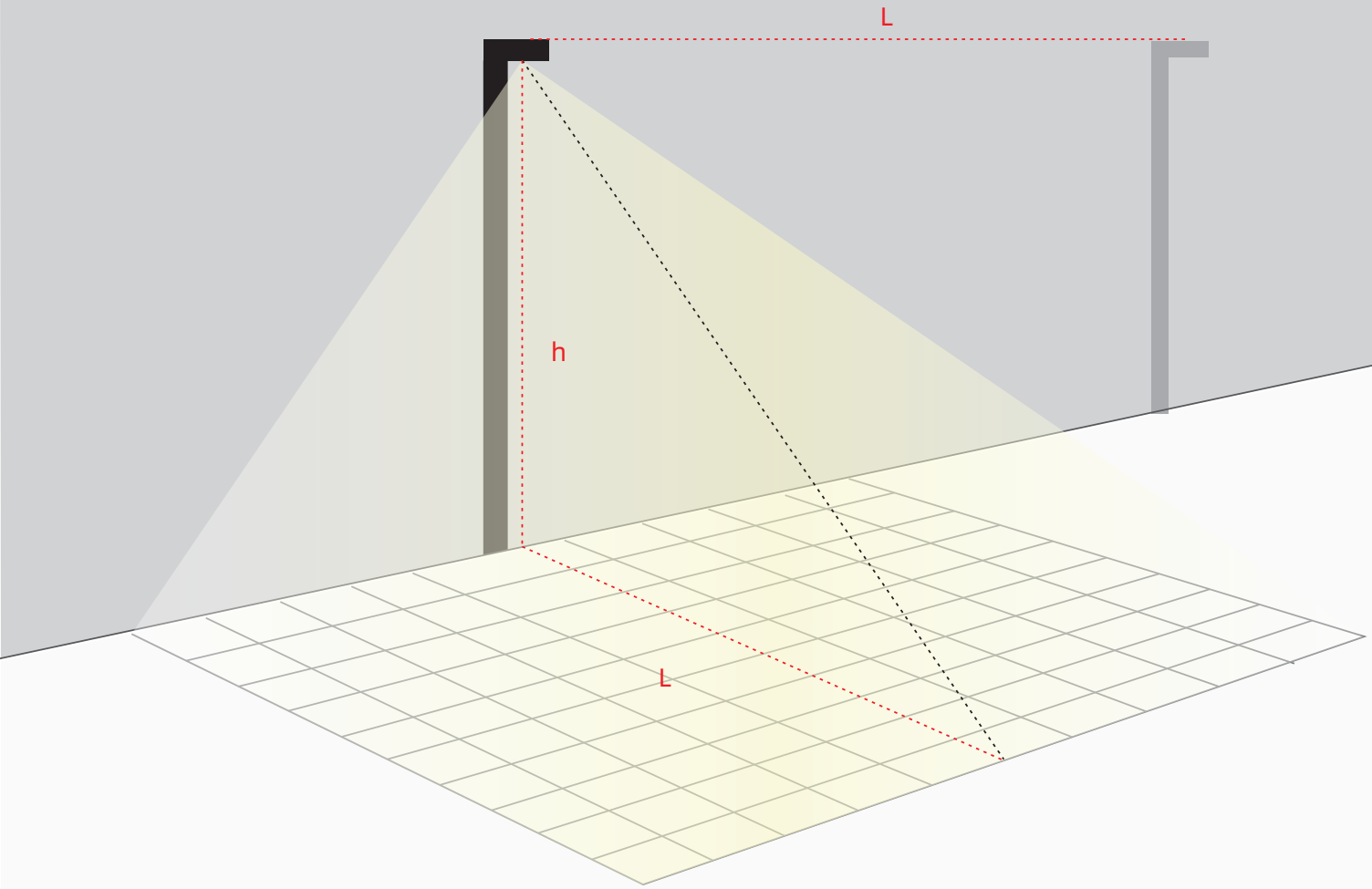
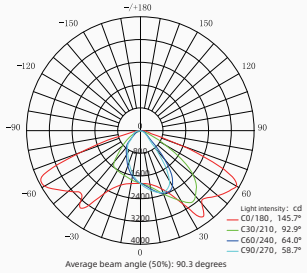
Light distribution display

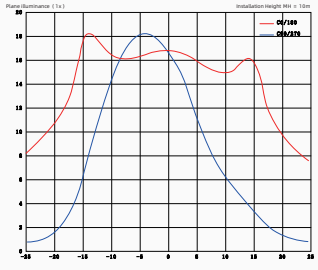
The latest patented light source technology, through the lens special structure to achieve the light source to form a bat wing shape, to achieve the best uniform illumination, improve the lighting effect.



Light distribution curve of meridional plane



Plane illuminance curve



D = Distance to height ratio (L/h)

h = height of light pole

I=light pole distance

L = width of lighting area

Grid: 10x6 spot

Unit:Lux,scale 1:151

Average illuminance	Minimum Illumination	Maximum illumination	Average illuminance
11.8(lx)	8.1(lx)	15.7(lx)	0.42(lx)

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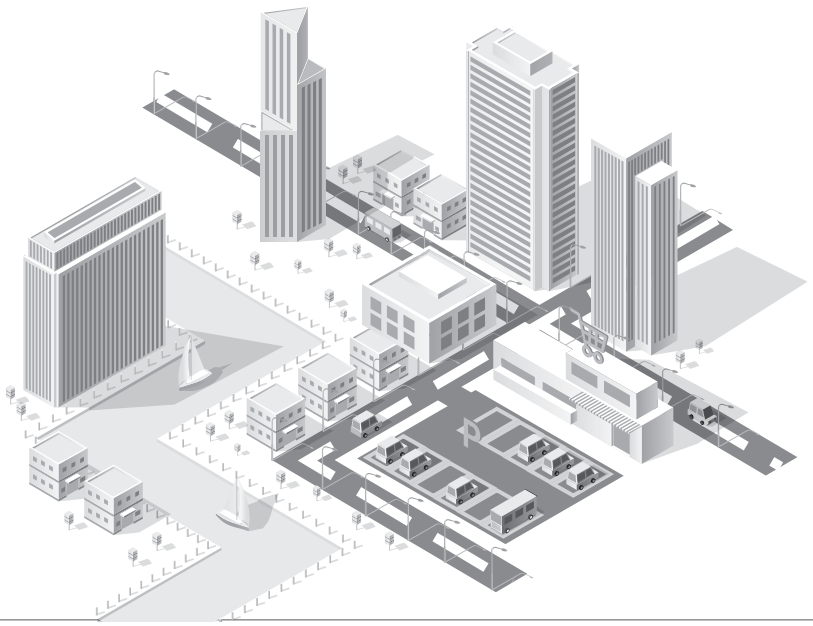
intelligent controller



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
- L ower oapital, maintenance and energy oosts
- Ability to ollect data

Bluetooth
For on/off switching, light control and dimming

Smart control
Integral CMS: connected (or Smart) asets which use wireless oommunications networks, offering optimal flxibility. Control a single luminaire or group switch remotely.

CMS
Integral CMS

Simple, stand-alone controls
Factory-set dimming, time switches, photocolls and presence detectors. Control in its simplest form.

Presence detector

Traffic

Environmental monitoring

Traffic management

City management

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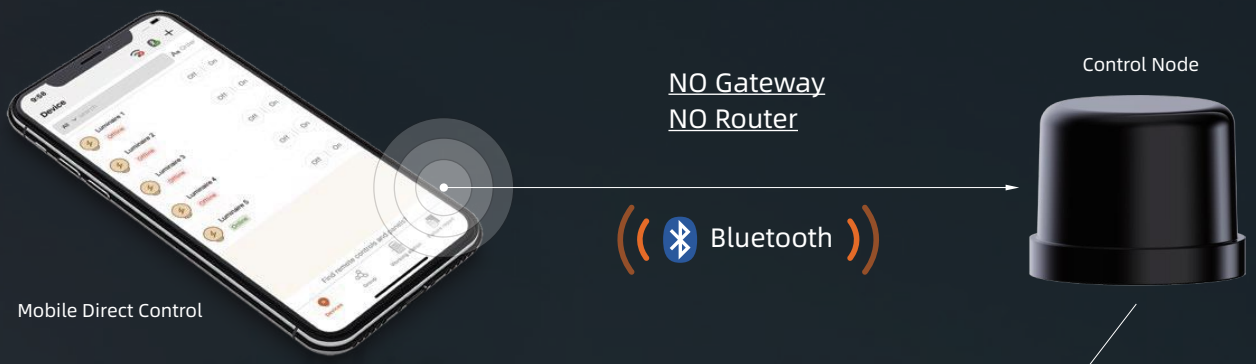
The lamps can be equipped with smart components and configured as smart street lamps, integrating transportation, environmental monitoring, energy management, city management and other hardware functions, which can be widely distributed to all corners of the city to help the construction of smart cities.



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