



AOD
GROUP

ATL[®]
Media Facade

Intelligent LED City
LED LIGHTING PRODUCTS
2016



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Company Profile

Intelligence lights up life



AOD Co., Ltd is a worldwide company professional in the LED lights R&D, selling and manufacturing, keeping the unique advanced technology in LED epitaxial growth, LED chips, light source packaging and lighting systems application, AOD is the inventor of the first LED street light, the builder of the first LED road and the creator of the first "LEDcity"; it's the biggest LED street lights supplier in the world.

Giving full play to own LED intelligent lighting technology, products advantage and the unique understanding of wireless communication technology, AOD integrated the world-leading Super Wi-Fi technology into own LED street lights, innovated a new smart city solution and attained the authority of Chinese National Patent Office; promoted the IoT new strategy development by cooperating with international communications giants.

AOD Co., Ltd headquarter is located at Weifang, Shandong province with the branch offices and cooperators in USA, Japan, Germany and other Asia, South America and ME areas etc.

President Message

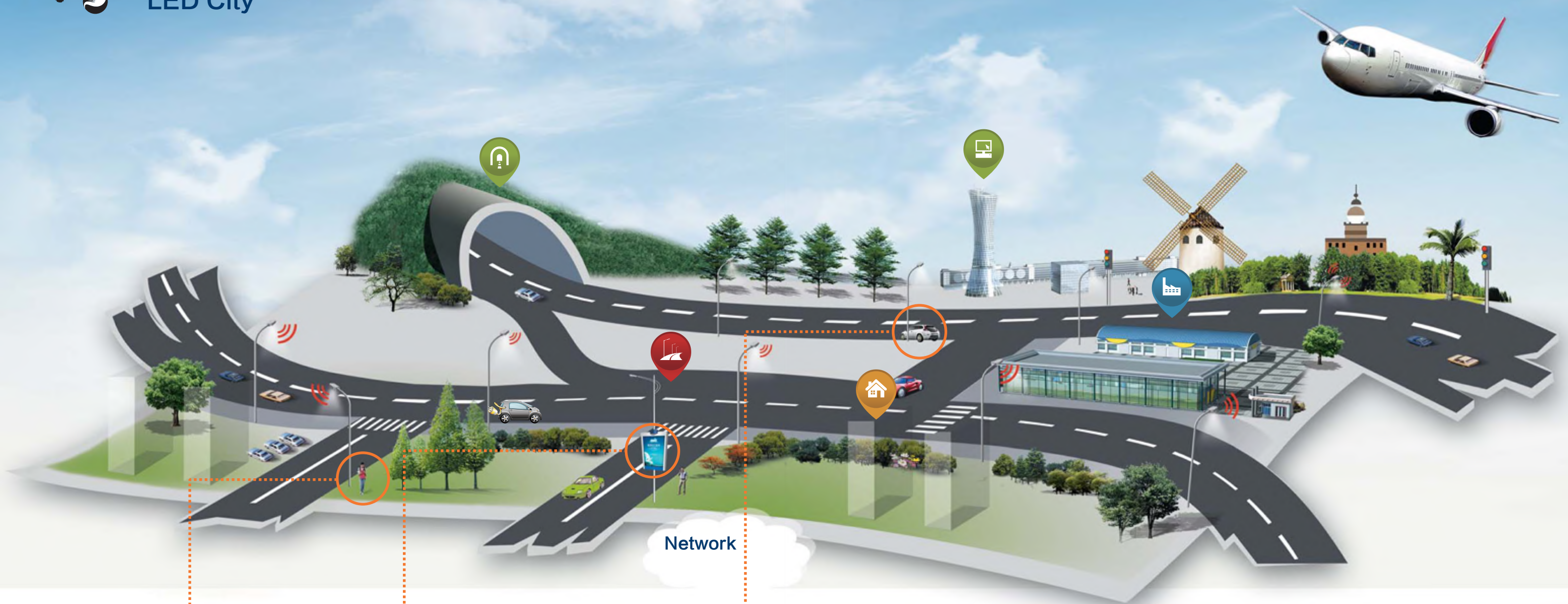
AOD Co., Ltd. has started a new era of development. In the past, we, with our clients, provided LED lights to cities, tunnels, ports, shopping malls, factories, office buildings and many other locations. We promise to keep our integrity and not waiver from our commitment to our clients. Today, we are integrating smart lighting solutions in smart cities. AOD Group's powerful wireless communication technology, which is now integrated into a LED street light, has recently obtained a National technology patent. AOD will use a combination of EMC (Energy Management Contract) and smart lighting to help meet our client's requirements and provide a smart city solution for them. We will use the advantages of intelligent street lighting and our unique understanding of wireless communication technology and collaborate with large international communication companies to promote a new strategy of IoT.

By integrating the technology and products together, we will become stronger in the years to come. AOD Co., Ltd., together with our partners and clients, will work closely together with one another and write the future chapters in smart cities IoT infrastructure.

Hong Lu
President/CEO
AOD Co., Ltd.

Headquarters and Distributors Worldwide





Intelligent lighting



SuperWiFi



Public media



Public safety



Environmental
monitoring

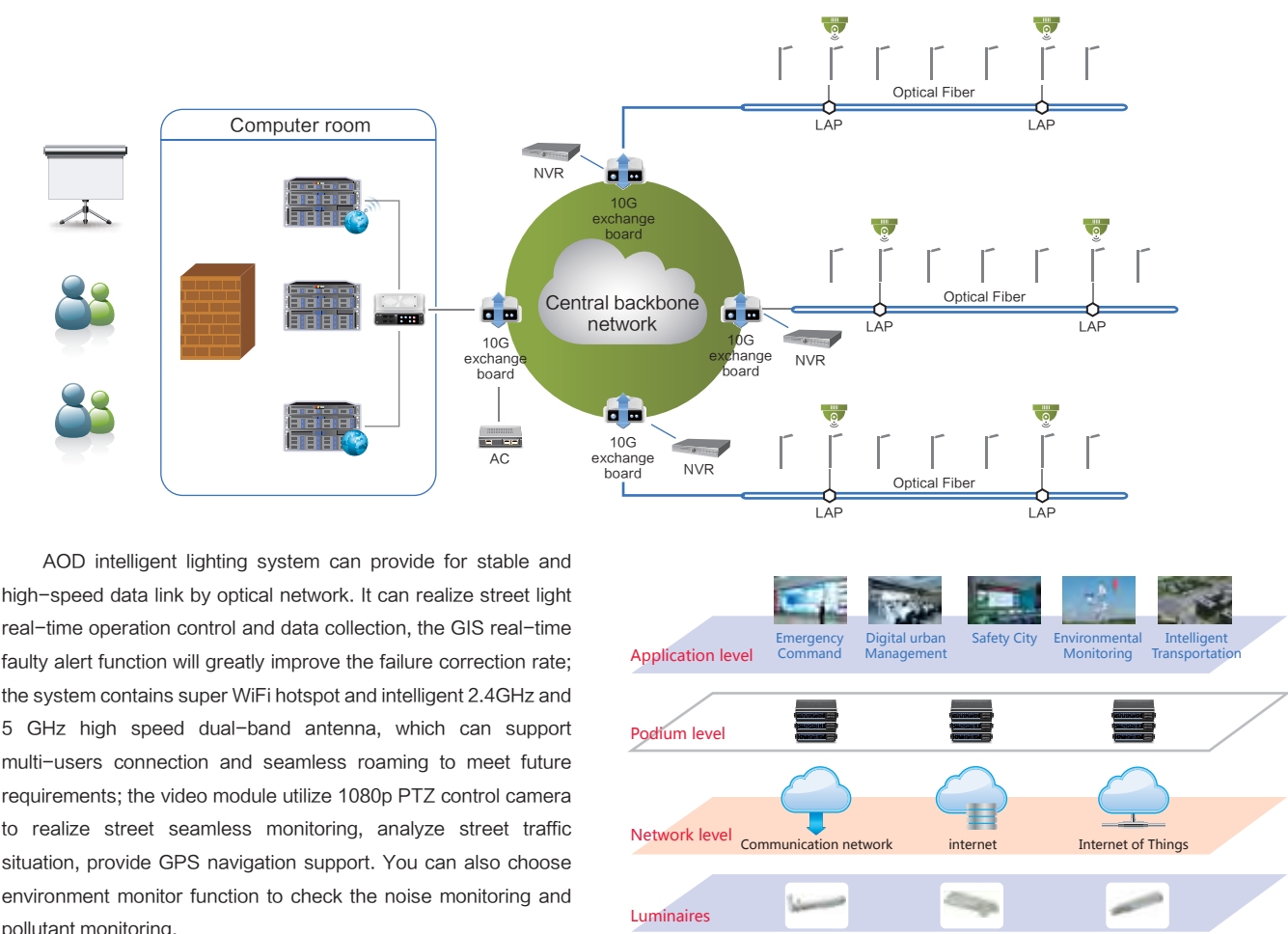


Real-time
charging



Convenient
livelihood

Intelligent Street Lighting System



WiFi Hotspot Specifications

Data rate		300Mbps	
Operating mode		IEEE802.11b/g/n	
LOS access		300m	16dbi sectored antenna
		200m	9dbi omnidirectional antenna
Transmitting power		29dBm	max
		26dBm	each linkage
Receive sensitivity (Typical values)	802.11b	11Mbps	−91dBm
		1Mbps	−96dBm
	802.11g	54Mbps	−81dBm
		6Mbps	−95dBm
	802.11n	HT20	−95dBm
		HT40	−92dBm



■ **Super Area Coverage**
Intelligent antenna technique will provide much longer distance cover for standard WiFi users, the distance can reach max 1.7km of LOS cover distance.

■ **Super User Capacity**
Under the NLOS situation, Super WiFi 8×8 MIMO Technique can support max 512 users on line at the same time which is 10 times than common AP base station.

■ **Super High Efficiency**
Utilize AirFi intelligent handling capacity technique, even under the concurrent connection, which can also improve the WiFi honeycomb efficiency 2 times.

Applications

- Container Port, Air Port, Train Station, Street, Tunnel;
- University, Colleague;
- Hotel, Vocational Village;
- Mine Field, Factory and Stock;
- Sport Ground, Meeting Center;
- Video Surveillance



Camera

Vidicon	Automatic diaphragm	DC driver
	Day and night conversion of mode	ICR infrared filter
	Wide dynamic range	Digital wide dynamic
	Backlight compensation	Sustain area for choice
	Digital noise reduction	3D digital noise reduction
Compress standard	Video compress standard	H.264 / MPEG4 / MJPEG
	H.264 coding type	BaseLine Profile / Main Profile / High Profile
	Compress output code rate	32 Kbps~16Mbps
	Max picture size	2048 × 1536

- High performance COMS image sensor, support 1280 × 720/30fps(1.3 million pixels) and 1920 × 1080/30fps(2million pixels)
- 20x optical zoom, 12x digital zoom, total variable magnification of 240 times
- Electronic image stabilizer function, adapt to a variety of operating environment
- Adopting new generation of weak coupling structure, more stable performance
- Unique 3D positioning, to capture the target more conveniently, accurately and fast
- SD card local storage, to solve monitor storage problems in the abnormal state of network



Intelligent alarm

The intelligent camera can automatic find abnormal condition (enter and go out the area, lost things and illegal parking etc.) and send the alarm information back to control center, realizing video control.

Structural data

The intelligent camera can automatic recognize vehicle license plate to remember and save the number and color information in the control platform, which help to realize intelligent information search and target lock freely.

Shrink video

The intelligent camera will automatic distinguish dynamic and static video, analyze multi kinds of information and saved on the control platform for future search and playback, greatly improved the working efficiency.



abnormal alarm

license plate recognition

dynamic and static separation

common videorecording



intelligent platform



intelligent storage

intelligent alarm

intelligent search

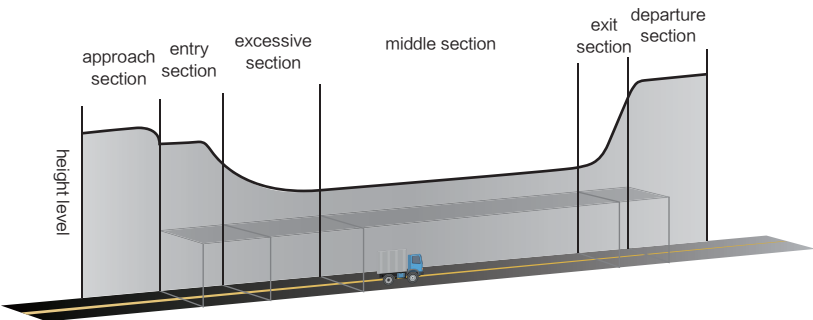
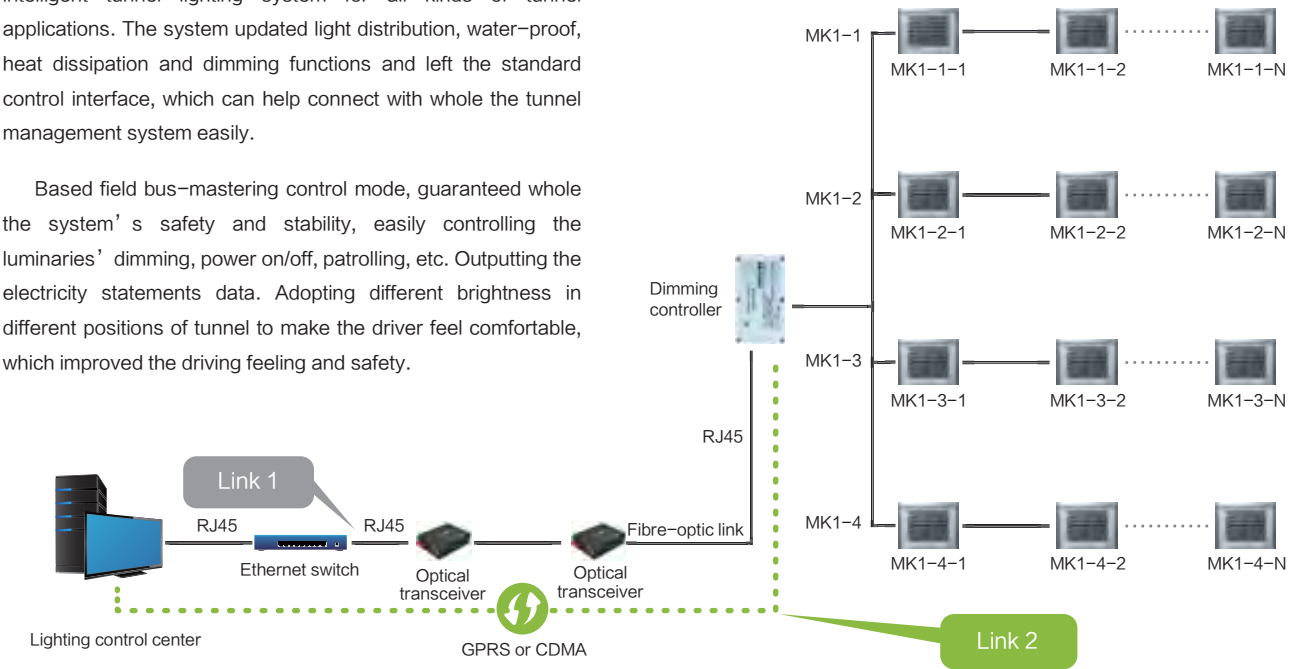
intelligent playback

normal playback

Intelligent Tunnel Lighting System

AOD R&D team designed and developed the professional intelligent tunnel lighting system for all kinds of tunnel applications. The system updated light distribution, water-proof, heat dissipation and dimming functions and left the standard control interface, which can help connect with whole the tunnel management system easily.

Based field bus-mastering control mode, guaranteed whole the system' s safety and stability, easily controlling the luminaries' dimming, power on/off, patrolling, etc. Outputting the electricity statements data. Adopting different brightness in different positions of tunnel to make the driver feel comfortable, which improved the driving feeling and safety.



AOD intelligent tunnel light control center can connect with several controllers through optical or Ethernet, each controller have four channels RS485 interface, which can cover a maximum communication distance of 1200 meters and connect more than 800pcs tunnel lights. Adopts DALI-T, DMX 512 or MODBUS standard control protocol between controller and lights.

AOD tunnel light control system parameters

- Independent 4 channels output interface.
- RS485 bus connection type.
- Remote, local and power off, three kinds working status.
- Controller IP can be controlled by key, LED display, operating easily and quickly.
- Controller will be automatic scanned by control center.
- Multiple protocol output, good compatibility.
- Parameters automatic saving function.



DALI Intelligent Lighting System

- Adopt DALI control protocol, compliance with IEC60929 and IEC 62386 standard, open interface can support all manufactures' products replace and working freely.
- It' s no need to set up server to realize lights control free, dimming, CCT control, reaction control, time control and scene control.
- Wiring easily, can choose stat type combination or series connection.
- Controlling mode flexible, unicontrol and group control for choice.
- Display each light' s brightness in real time by server, can also be controlled by remote cell phone app.

System Structure



System Functions

lighting adjustment

CCT control

scene control

people reaction control

remote control

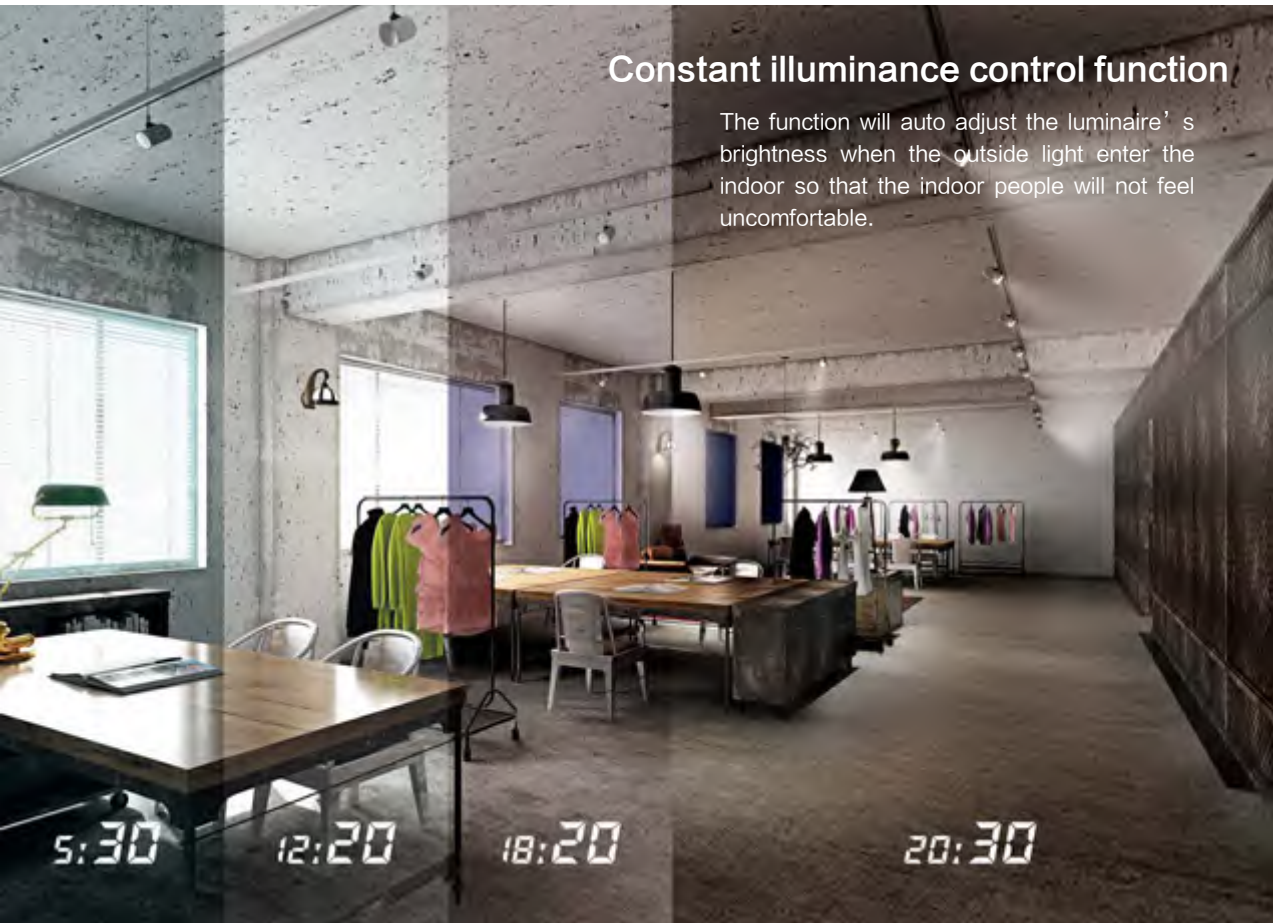
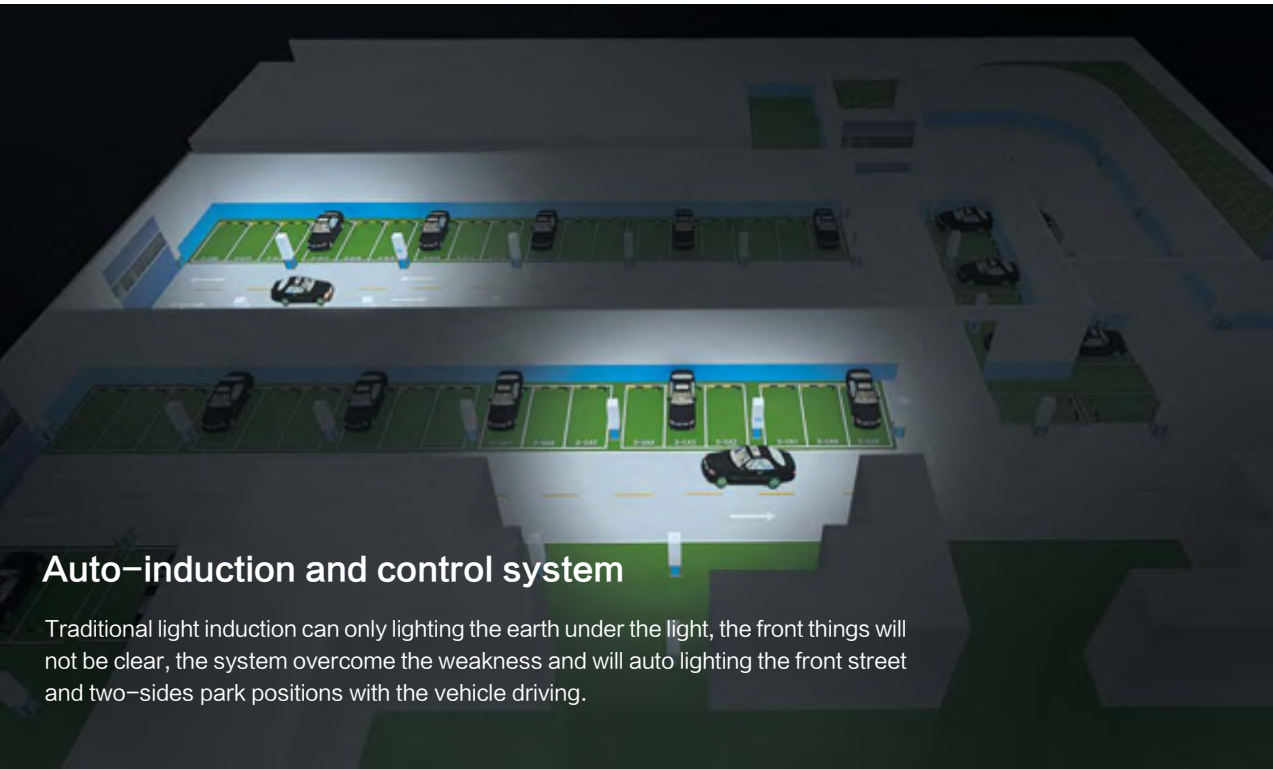
lighting control

group control

gang control



Lighting Scene



Successful Projects

1. OUTDOOR LIGHTING



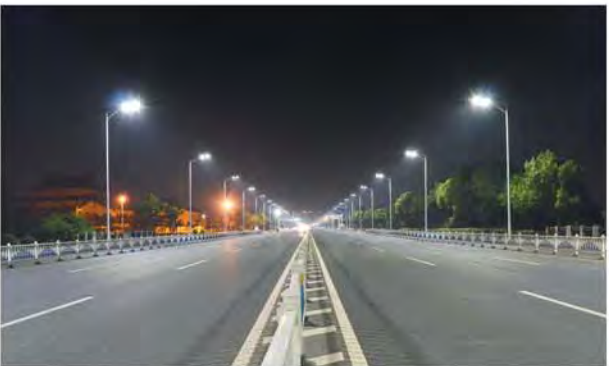
Qingdao, China



Xinchang, China



Huaihua, China



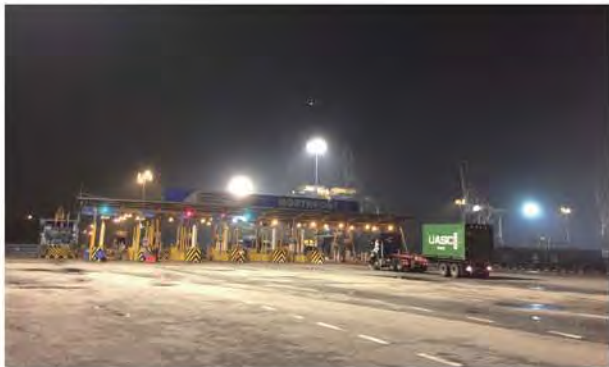
Chanzhou, China



Phra That Si Song Rak, Thailand



Taian, China



Northport, Malaysia



Rotterdam Port, Netherlands



IFC, Hong Kong



Chifeng, China



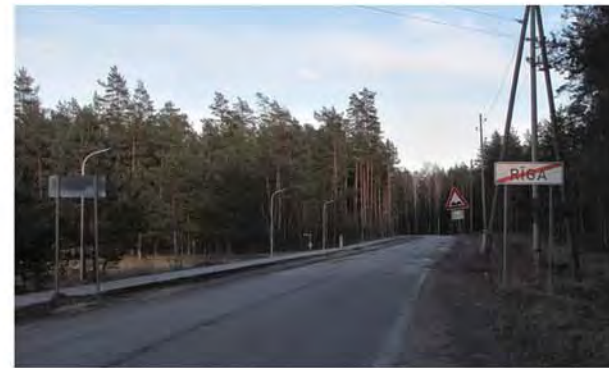
Weifang, China



Yingkou, China



lingbao, China



Riga, Latvia



Tiantai, China



Weifang, China



MFL, Thailand



Anyang, China



Qingdao Yangkou Tunnel, China



Anhui Liuqian Tunnel, China



Ningbo Commercial Seaport, China



Weifang, China

2. COMMERCIAL LIGHTING



Burger King, Guatemala



Daphne Shoe Store, China



Pengxin Aqua City Project, China



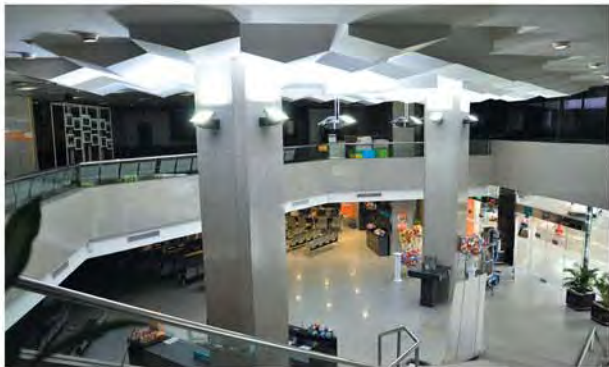
Shanghai Yaxin Square, China



Qingdao Kylin Crown Hotel, China



Inzone Shopping Mall, China



GHB, Thailand



Qingdao Bank, China

3. INDUSTRIAL LIGHTING



Volvo truck factory, Latvia



Coca-Cola factory, Japan



Laminex, New Zealand



TDK Dalian, China



Weichai 8AT factory, China



Intel, Malaysia



Art Energy, Australia

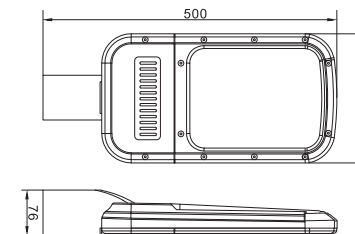


Cooper tire Kunshan, China



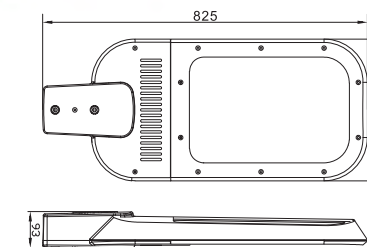
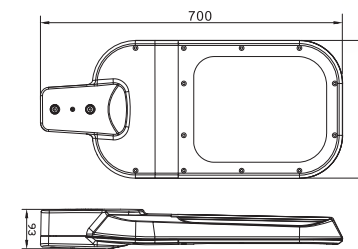
Pad II LED Street Lights

UL E357638



Rated Power: 30W 50W
Voltage: AC100~277V
CCT: 3000K 4000K 5000K 5700K
Luminaire Efficacy: > 100lm/W
CRI: > 70Ra
IP Grade: IP66
Ambient Temperature: -35°C~+55°C
Ambient Humidity: 95%
Net Weight: 3.6Kg

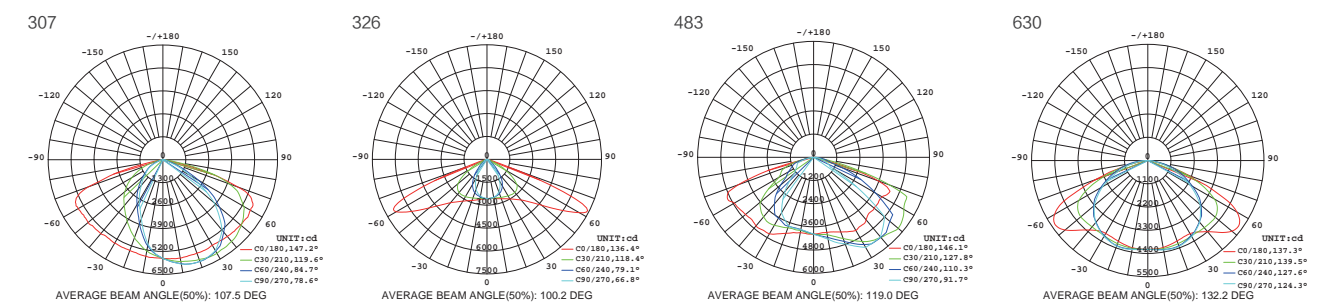
Rated Power: 50W 80W 100W 130W
Voltage: AC100~277V
CCT: 3000K 4000K 5000K 5700K
Luminaire Efficacy: > 100lm/W
CRI: > 70Ra
IP Grade: IP66
Ambient Temperature: -35°C~+55°C
Ambient Humidity: 95%
Net Weight: 8.0Kg



Rated Power: 130W 150W 180W 200W 220W
Voltage: AC100~277V
CCT: 3000K 4000K 5000K 5700K
Luminaire Efficacy: > 100lm/W
CRI: > 70Ra
IP Grade: IP66
Ambient Temperature: -35°C~+55°C
Ambient Humidity: 95%
Net Weight: 10.5Kg

LED Street Lights

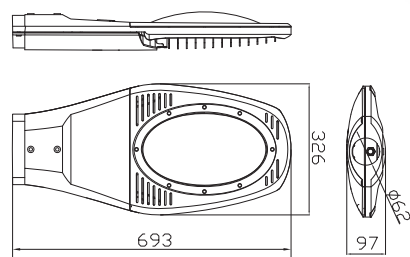
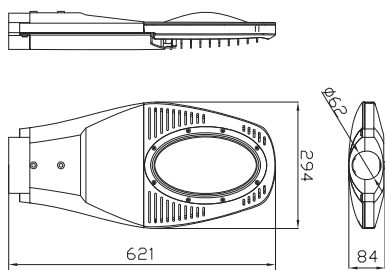
AOD LED street lights are designed purposely for general lighting, security surveillance, communications and scenery decorations. Single and secondary optical lens technologies assure ideal bat-wing light distributions for high uniformities both in colour and brightness. The luminaires with die-cast aluminium shells are oxidation treated on surface and anticorrosive coated which makes the products corrosion proofed, water proofed and lightning protected. The products with high quality plastic shells possess more appearances and colour to choose. All fixture covers are made of tempered glass so that long-time stability and safety are assured. The major features of AOD street lights are extremely high reliability, high efficiency, good lighting quality, small-size, light-weight and nice modern functional appearance. With AOD LED street light product portfolio the traditional 75W, 150W, 250W and 400W high pressure sodium lights or metal halide lights can be completely replaced and electricity saving can be achieved as much as from 60% to 70%. AOD LED street lights share very long lifetimes ranging from 50,000hrs up to 100,000hrs, which are very beneficial for EMC projects where usually 10-year running period is at least required. In addition, intelligence controls are also available as your options, such as time control, photo sensor control, wireless control etc. AOD's LED street lights can be widely used for highways, city and urban roads, garden roads, residential roads, parking lot and storage yards etc.



* AOD LED street light standard CCT range: 3000±175K, 3500±200K, 4000±250K, 4500±250K, 5000±300K, 5700±350K, 6500±500K
* The luminous flux value in the above table is based on rated CCT 4000K and above. The luminous flux may decline for warm white.

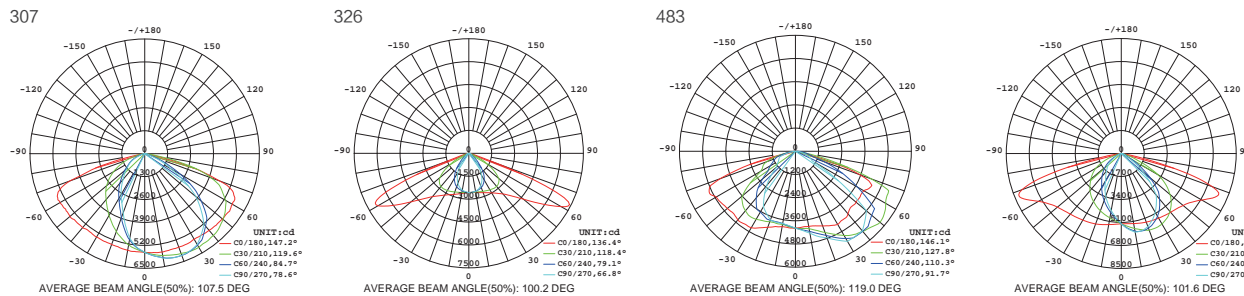
Pad V LED Street Lights

New



Rated Power: 50W 80W 100W 120W
Voltage: AC100~277V
CCT: 3000K 4000K 5000K 5700K
Luminaire Efficacy: > 100lm/W
CRI: > 70Ra
IP Grade: IP66
Ambient Temperature: -35℃~+45℃
Ambient Humidity: 95%
Net Weight: 5.5Kg

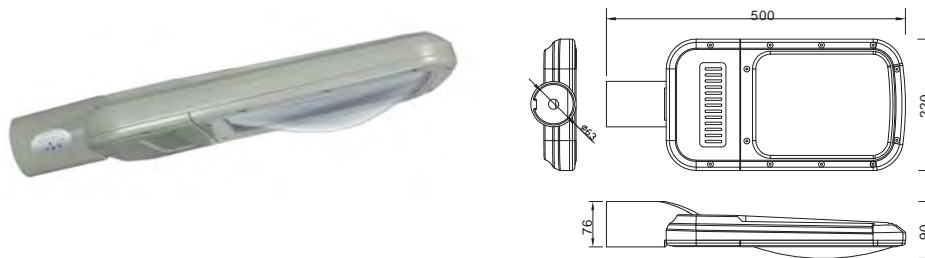
Rated Power: 130W 150W
Voltage: AC100~277V
CCT: 3000K 4000K 5000K 5700K
Luminaire Efficacy: > 100lm/W
CRI: > 70Ra
IP Grade: IP66
Ambient Temperature: -35℃~+45℃
Ambient Humidity: 95%
Net Weight: 6.8Kg



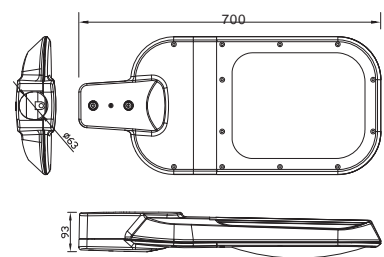
* AOD LED street light standard CCT range: 3000±175K, 3500±200K, 4000±250K, 4500±250K, 5000±300K, 5700±350K, 6500±500K
* The luminous flux value in the above table is based on rated CCT 4000K and above. The luminous flux may decline for warm white.



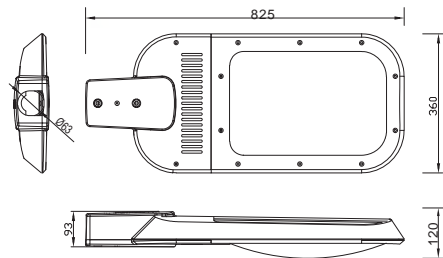
Arc Glass LED Street Lights



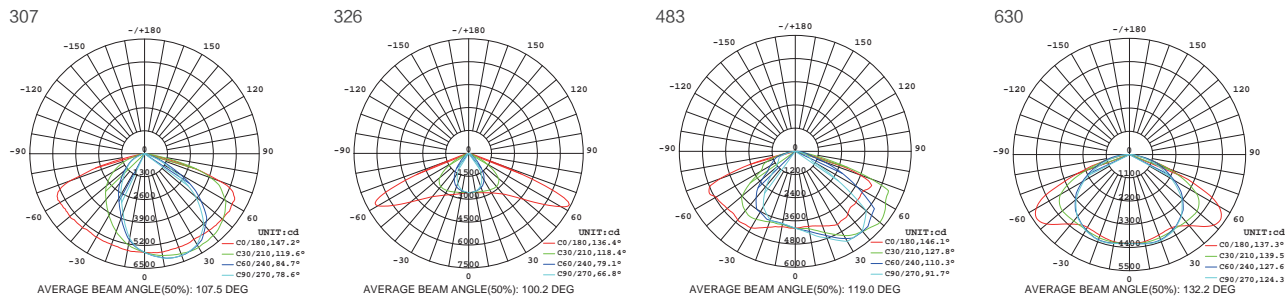
Rated Power: 30W 50W
Voltage: AC100~277V
CCT: 3000K 4000K 5000K 5700K
Luminaire Efficacy: > 100lm/W
CRI: > 70Ra
IP Grade: IP66
Ambient Temperature: -35℃~+55℃
Ambient Humidity: 95%
Net Weight: 3.6Kg



Rated Power: 50W 80W 100W 130W
Voltage: AC100~277V
CCT: 3000K 4000K 5000K 5700K
Luminaire Efficacy: > 100lm/W
CRI: > 70Ra
IP Grade: IP66
Ambient Temperature: -35℃~+55℃
Ambient Humidity: 95%
Net Weight: 8.0Kg



Rated Power: 130W 150W 180W 200W 220W
Voltage: AC100~277V
CCT: 3000K 4000K 5000K 5700K
Luminaire Efficacy: > 100lm/W
CRI: > 70Ra
IP Grade: IP66
Ambient Temperature: -35℃~+55℃
Ambient Humidity: 95%
Net Weight: 10.5Kg



* AOD LED street light standard CCT range: 3000±175K, 3500±200K, 4000±250K, 4500±250K, 5000±300K, 5700±350K, 6500±500K
* The luminous flux value in the above table is based on rated CCT 4000K and above. The luminous flux may decline for warm white.

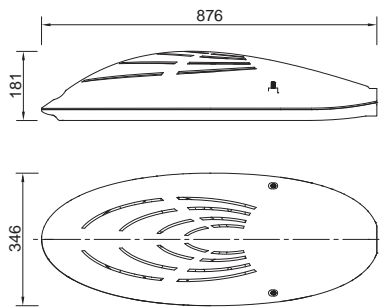


Crescent LED Street Lights

New



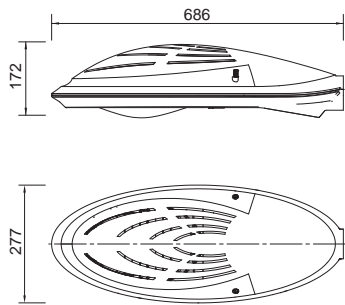
Crescent 15 type



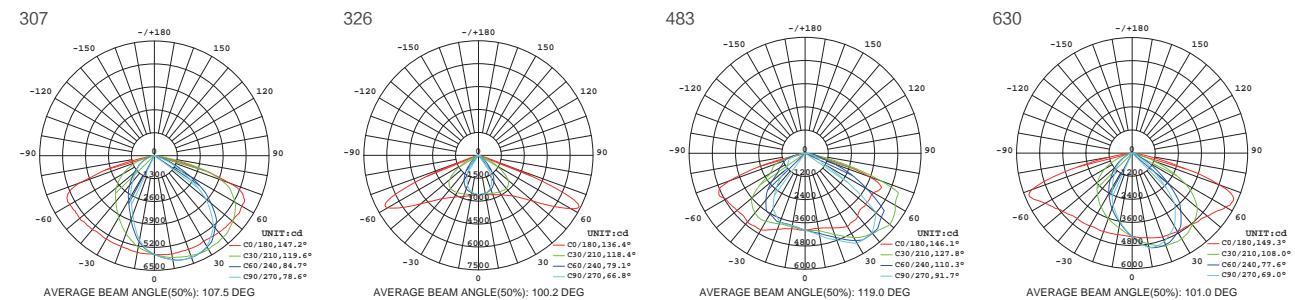
Rated Power: 130W 150W
Voltage: AC100~277V
CCT: 3000K 4000K 5000K 5700K
Luminaire Efficacy: > 100lm/W
CRI: > 70Ra
Ambient Temperature: -35℃~+45℃
Ambient Humidity: 95%
IP Grade: IP66
Net Weight: 6.3Kg



Crescent 10 type



Rated Power: 70W 100W 110W
Voltage: AC100~277V
CCT: 3000K 4000K 5000K 5700K
Luminaire Efficacy: > 100lm/W
CRI: > 70Ra
Ambient Temperature: -35℃~+45℃
Ambient Humidity: 95%
IP Grade: IP66
Net Weight: 4.45Kg

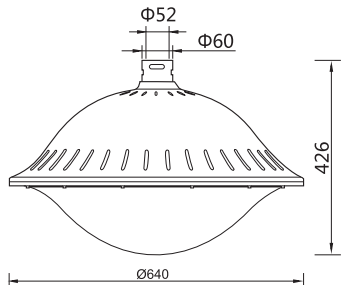


* AOD LED street light standard CCT range: 3000±175K, 3500±200K, 4000±250K, 4500±250K, 5000±300K, 5700±350K, 6500±500K
* The luminous flux value in the above table is based on rated CCT 4000K and above. The luminous flux may decline for warm white.

Saturn LED Street Lights



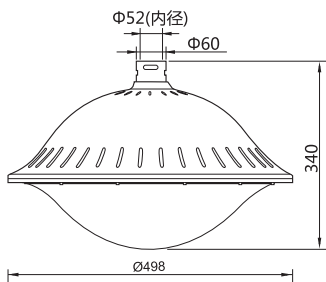
Saturn 15 type



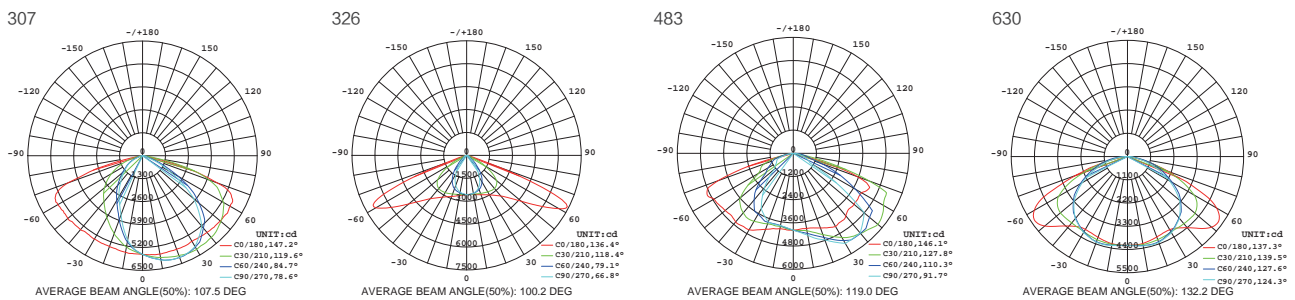
Rated Power: 130W 150W 180W 200W
Voltage: AC100~277V
CCT: 3000K 4000K 5000K 5700K
Luminaire Efficacy: > 100lm/W
CRI: > 70Ra
IP Grade: IP66
Ambient Temperature: -35℃~+55℃
Ambient Humidity: 95%
Net Weight: 9.8Kg



Saturn 10 type

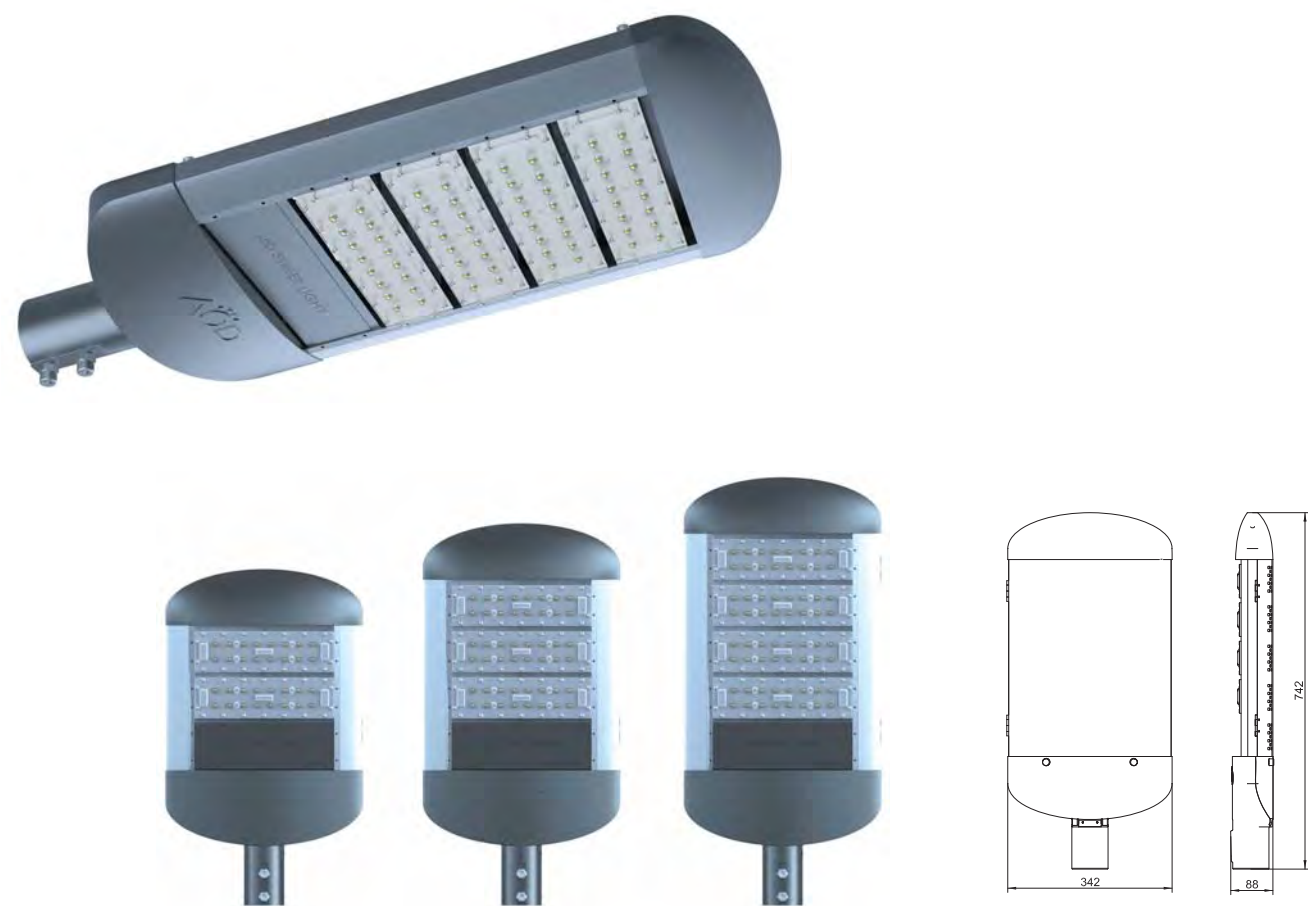


Rated Power: 50W 80W 100W 130W
Voltage: AC100~277V
CCT: 3000K 4000K 5000K 5700K
Luminaire Efficacy: > 100lm/W
CRI: > 70Ra
IP Grade: IP66
Ambient Temperature: -35℃~+55℃
Ambient Humidity: 95%
Net Weight: 5.8Kg



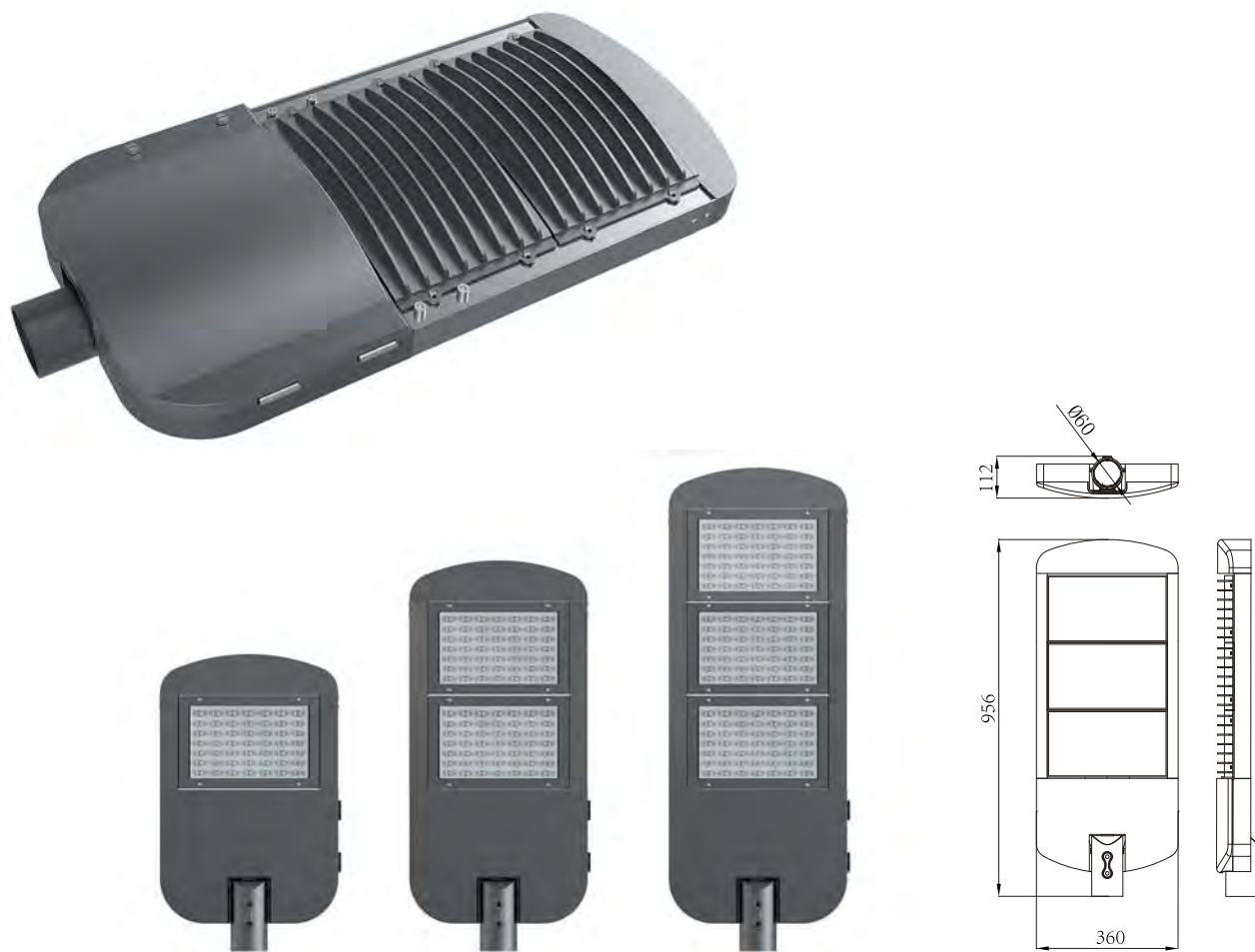
* AOD LED street light standard CCT range: 3000±175K, 3500±200K, 4000±250K, 4500±250K, 5000±300K, 5700±350K, 6500±500K
* The luminous flux value in the above table is based on rated CCT 4000K and above. The luminous flux may decline for warm white.

Module LED Street Lights

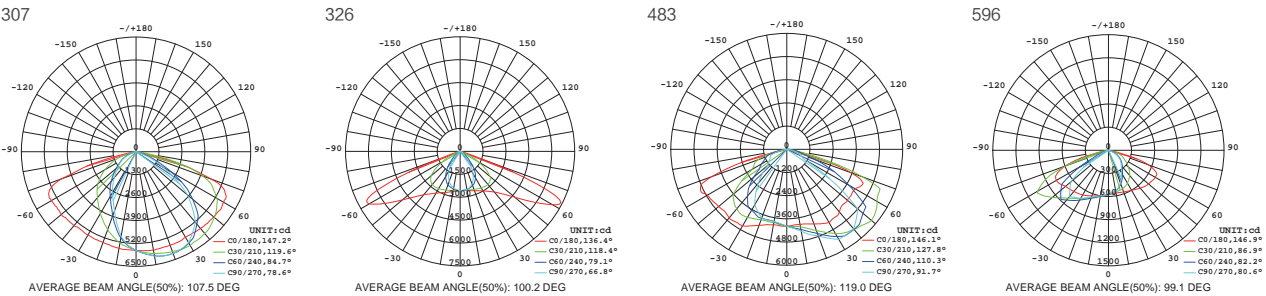


Rated Power: 50W 70W 100W Voltage: AC100~277V CCT: 3000K 4000K 5000K 5700K Luminaire Efficacy: > 100lm/W CRI: > 70Ra IP Grade: IP66 Ambient Temperature: -35℃~+55℃ Ambient Humidity: 95% Size: 578 × 342 × 88	Rated Power: 125W 150W Voltage: AC100~277V CCT: 3000K 4000K 5000K 5700K Luminaire Efficacy: > 100lm/W CRI: > 70Ra IP Grade: IP66 Ambient Temperature: -35℃~+55℃ Ambient Humidity: 95% Size: 660 × 342 × 88	Rated Power: 175W 200W Voltage: AC100~277V CCT: 3000K 4000K 5000K 5700K Luminaire Efficacy: > 100lm/W CRI: > 70Ra IP Grade: IP66 Ambient Temperature: -35℃~+55℃ Ambient Humidity: 95% Size: 742 × 342 × 88
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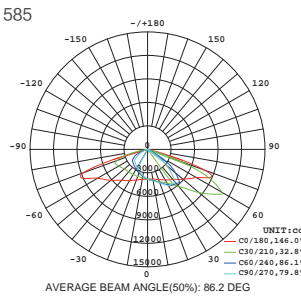
DB Module LED Street Lights



Rated Power: 100W Voltage: AC100~277V CCT: 3000K 4000K 5000K 5700K Luminaire Efficacy: > 100lm/W CRI: > 70Ra IP Grade: IP66 Ambient Temperature: -35℃~+55℃ Ambient Humidity: 95% Size: 576 × 360 × 112	Rated Power: 150W 200W Voltage: AC100~277V CCT: 3000K 4000K 5000K 5700K Luminaire Efficacy: > 100lm/W CRI: > 70Ra IP Grade: IP66 Ambient Temperature: -35℃~+55℃ Ambient Humidity: 95% Size: 766 × 360 × 112	Rated Power: 260W 300W Voltage: AC100~277V CCT: 3000K 4000K 5000K 5700K Luminaire Efficacy: > 100lm/W CRI: > 70Ra IP Grade: IP66 Ambient Temperature: -35℃~+55℃ Ambient Humidity: 95% Size: 956 × 360 × 112
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* AOD LED street light standard CCT range: 3000±175K, 3500±200K, 4000±250K, 4500±250K, 5000±300K, 5700±350K, 6500±500K
* The luminous flux value in the above table is based on rated CCT 4000K and above. The luminous flux may decline for warm white.



* AOD LED street light standard CCT range: 3000±175K, 3500±200K, 4000±250K, 4500±250K, 5000±300K, 5700±350K, 6500±500K
* The luminous flux value in the above table is based on rated CCT 4000K and above. The luminous flux may decline for warm white.

Solar Powered LED Street Lights

Features



Typical dusk to dawn illumination in most geographic locations to 5 days reserve power to allow for successive cloudy weather and days without sunshine.



High reliable intelligent MPPT (Maximum Power Point Tracking) control system adopted with friendly interactive interfaces, easy adjusting working mode to prevent over-charging, over-discharging, short-circuitry, wrong connections.



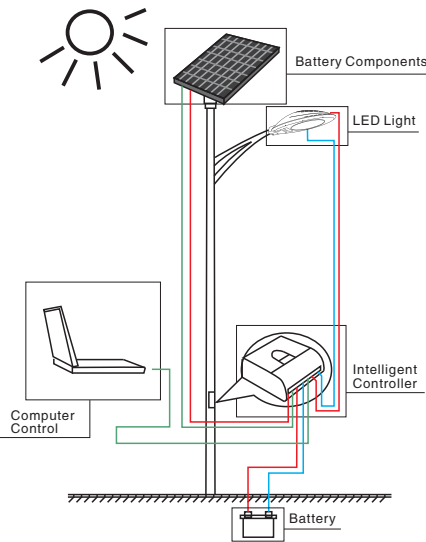
LED street lights are chosen as the luminaires



The programmable control module regulates and manages the solar panel power, battery power and illumination timer.



Two Deep-Cycle AGM rechargeable batteries. Typical battery life is approximately 3-4 years subject to environmental factors. Galvanized steel lockable battery box will accommodate the rechargeable battery.



Specifications

Lamp power consumption	Solar Cell Wpeak	Battery storage capacity	Recommended Lamp pole height	On and off control	Lamp working hours per day	Days without sunshine	Controller
20W	80Wp	12V/75Ah	6m	Optically controlled	8Hr/Day	3 Days	12/24V 10A
30W	120Wp	12V/135Ah	6m				
40W	160Wp	12V/180Ah×2	6m				
50W	100Wp×2	12V/100Ah×2	8m				
60W	120Wp×2	12V/120Ah×2	8m				
80W	150Wp×2	12V/150Ah×2	9m				
100W	200Wp×2	12V/200Ah×2	10m				

Light Poles





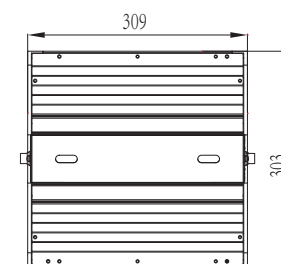
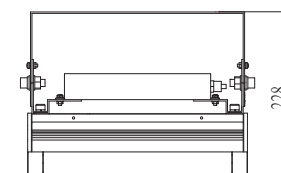
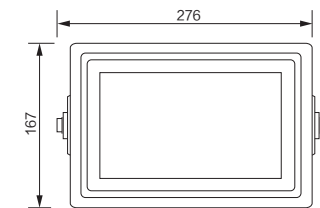
LED Tunnel Lights

AOD LED tunnel lights are designed purposely for general lighting in tunnels and similar circumstance. Single and secondary optical lens and unique reflector technologies assure ideal bat-wing light distributions for high uniformities both in colour and brightness. The luminaries with aluminium housing are oxidation treated and anti corrosive coated which makes the products corrosion proofed, water proofed and lighting protected. The installation angle is adjustable for large area flood lighting, such as tunnel, underground parking lots, etc. This product also can be upgraded with remote intelligent control system. It can be wide used as landscape lighting for urban landscape, advertising board, buildings and so on.

LED Tunnel Lights



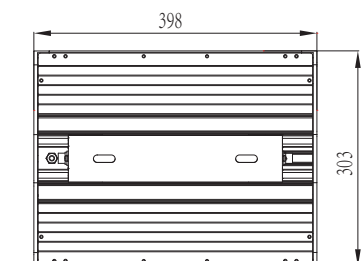
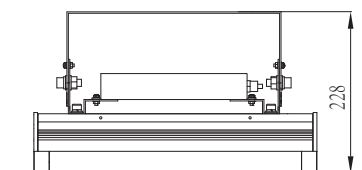
Rated Power: 30W 50W
Voltage: AC100~277V
CCT: 3000K 4000K 5000K 5700K
Luminaire Efficacy: > 100lm/W
CRI: > 70Ra
IP Grade: IP66
Net Weight: 2.6Kg



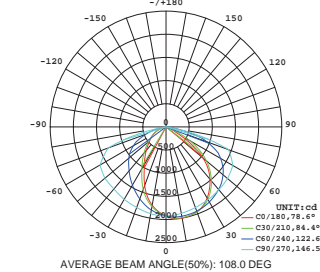
Rated Power: 80W 100W 130W 150W
Voltage: AC100~277V
CCT: 3000K 4000K 5000K 5700K
Luminaire Efficacy: > 100lm/W
CRI: > 70Ra
IP Grade: IP66
Net Weight: 6.3Kg



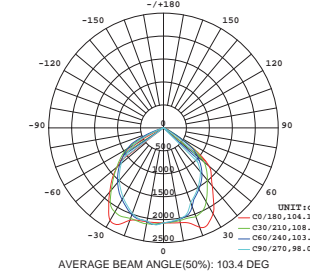
Rated Power: 180W 200W
Voltage: AC100~277V
CCT: 3000K 4000K 5000K 5700K
Luminaire Efficacy: > 100lm/W
CRI: > 70Ra
IP Grade: IP66
Net Weight: 7.55Kg



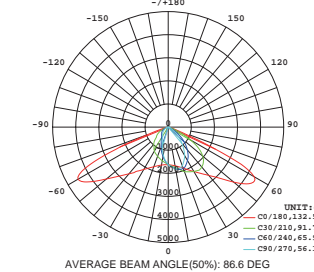
307



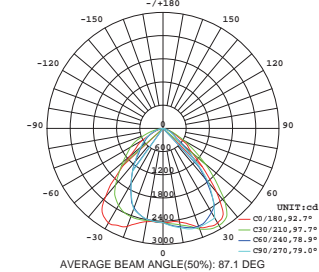
413



551



555



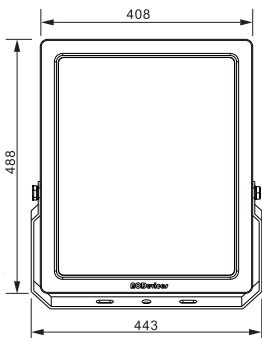
* AOD LED tunnel light standard CCT range: 3500±200K, 4000±250K, 4500±250K, 5000±300K, 5700±350K, 6500±500K

* The luminous flux value in the above table is based on rated CCT 4000K and above. The luminous flux may decline for warm white.

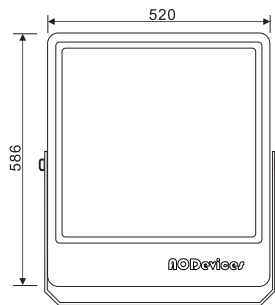


LED High Mast Lights

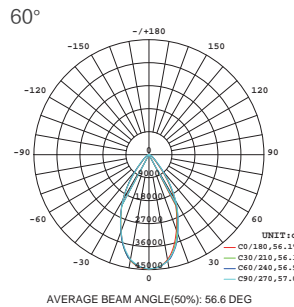
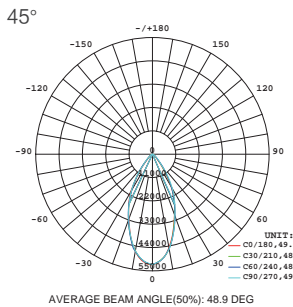
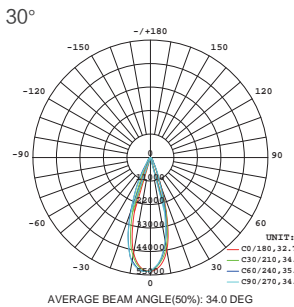
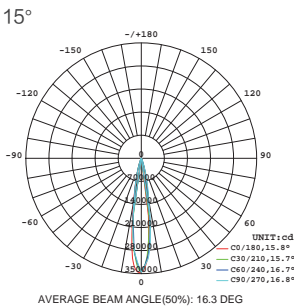
UL E482157



Rated Power: 150W 200W
Voltage: AC100~277V
CCT: 3000K 4000K 5000K 5700K
Luminaire Efficacy: > 100lm/W
CRI: > 70Ra
Beam Angle: 15° 30° 45° 60°
IP Grade: IP66
Ambient Temperature: -35℃~+55℃
Ambient Humidity: 95%
Net Weight: 13.5Kg



Rated Power: 300W 400W
Voltage: AC100~277V
CCT: 3000K 4000K 5000K 5700K
Luminaire Efficacy: > 100lm/W
CRI: > 70Ra
Beam Angle: 15° 30° 45° 60°
IP Grade: IP66
Ambient Temperature: -35℃~+55℃
Ambient Humidity: 95%
Net Weight: 21Kg



* AOD LED high mast light standard CCT range: 3500±200K, 4000±250K, 4500±250K, 5000±300K, 5700±350K, 6500±500K
* The luminous flux value in the above table is based on rated CCT 4000K and above. The luminous flux may decline for warm white.



LED High Mast Lights

AOD LED high mast lights are designed purposely for large areas lighting, such as sports fields, seaports, squares, crossroads, etc. This kind of lights has excellent lighting performance with special designed optional beam angles which satisfy better uniformity and less glares. It also can be updated with many other control systems except manual control, such as photo sensor control, time control, etc.



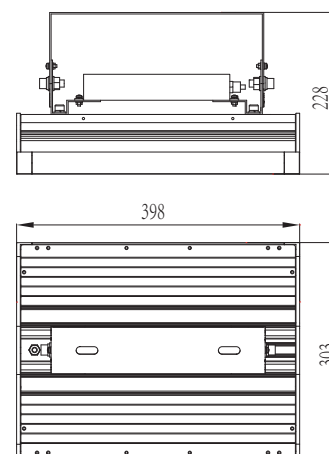
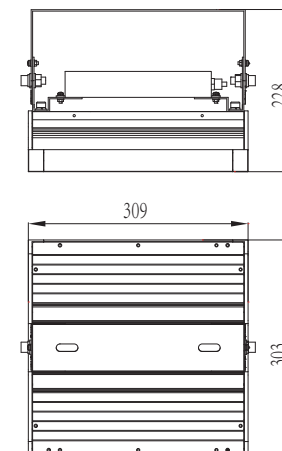
LED Industrial Lights

AOD LED industrial lights include LED Celestica series industrial light and LED high bay series light. Unique heat dissipation design and integrated cases effectively reduce the luminaire's temperature, ensuring the lifespan of LED light source more than 50,000 hrs. Since the luminaire housing has been processed by the anodized anti-corrosion treatment, the luminaries have the features of anti-corrosion, waterproof and dustproof. Perfect color rendering guarantees the color quality, making visual feeling more comfortable. Other advantages such as: slow lighting decay, pure light color, no shadow and eye-protection.

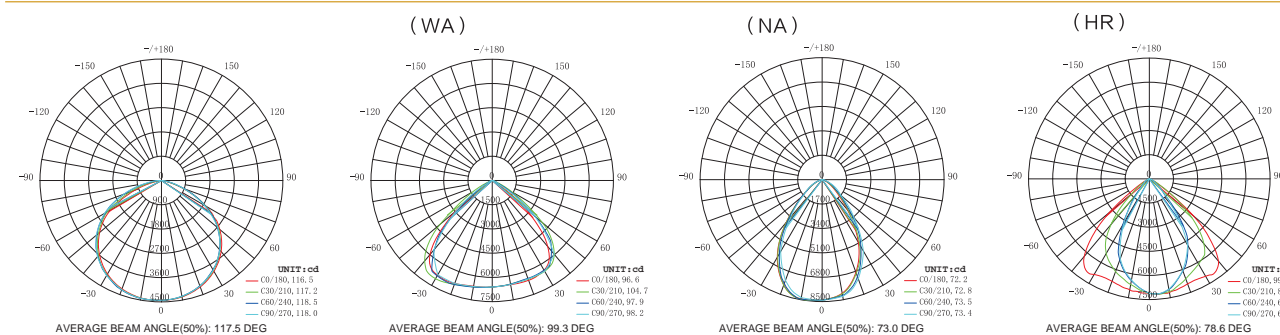
LED Celestica Industrial Lights



Rated Power: 50W 80W 100W
Voltage: AC100~277V
CCT: 3000K 4000K 5000K 5700K
Luminaire Efficacy: > 100lm/W
CRI: > 70Ra
IP Grade: IP66
Net Weight: 7.1Kg



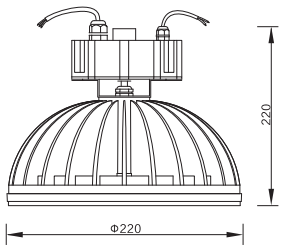
Rated Power: 130W 150W 180W 200W
Voltage: AC100~277V
CCT: 3000K 4000K 5000K 5700K
Luminaire Efficacy: > 100lm/W
CRI: > 70Ra
IP Grade: IP66
Net Weight: 9.7Kg



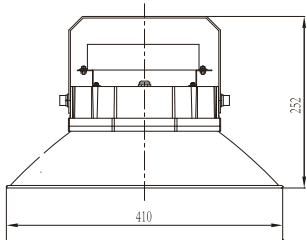
LED High Bay Lights



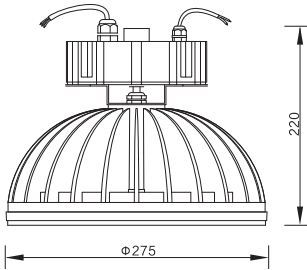
Rated Power: 60W 80W 100W
Voltage: AC100~277V
CCT: 4000K 5000K 5700K
Luminaire Efficacy: > 100lm/W
CRI: > 70Ra
IP Grade: IP65
Net Weight: 4.6Kg



LED High Bay Lights



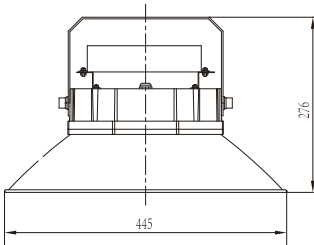
Rated Power: 60W 80W
Voltage: AC176~305V
CCT: 4000K 5000K 5700K
Luminaire Efficacy: > 100lm/W
CRI: > 70Ra
IP Grade: IP65
Net Weight: 3.0Kg



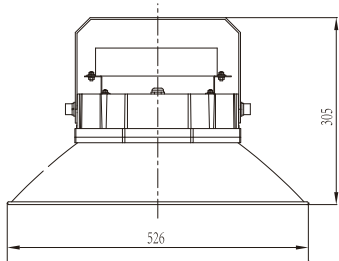
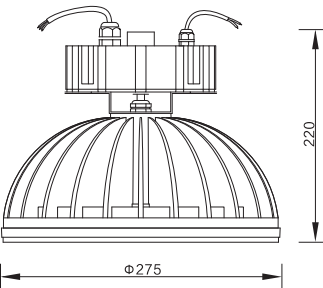
Rated Power: 130W 150W
Voltage: AC100~277V
CCT: 4000K 5000K 5700K
Luminaire Efficacy: > 100lm/W
CRI: > 70Ra
IP Grade: IP65
Net Weight: 5.2Kg



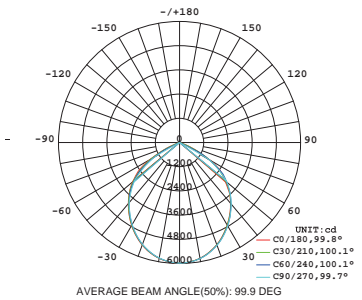
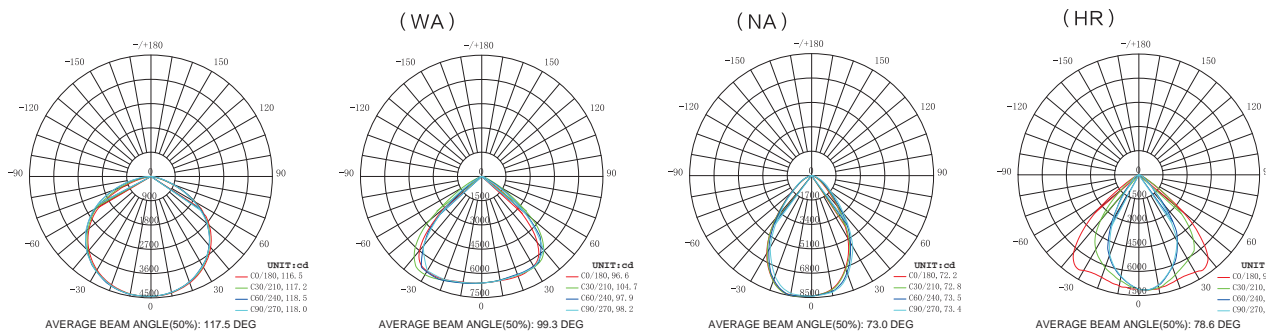
Rated Power: 100W 120W
Voltage: AC176~305V
CCT: 3000K 4000K 5000K 5700K
Luminaire Efficacy: > 100lm/W
CRI: > 70Ra
IP Grade: IP65
Net Weight: 4.3Kg



Rated Power: 180W
Voltage: AC100~277V
CCT: 4000K 5000K 5700K
Luminaire Efficacy: > 100lm/W
CRI: > 70Ra
IP Grade: IP65
Net Weight: 5.8Kg



Rated Power: 140W 160W
Voltage: AC176~305V
CCT: 4000K 5000K 5700K
Luminaire Efficacy: > 100lm/W
CRI: > 70Ra
IP Grade: IP65
Net Weight: 5.2Kg





LED Tube Lights

AOD LED tube lights adopt the latest light source technology and driver design. Making it compact with an attractive shape. They use similar interface structure with the traditional fluorescent lamp which is easy to install and use.

T8 Tube Lights

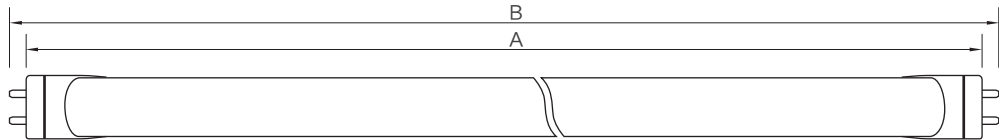
UL E356091



Rated Power: 8W
Voltage: 100~240V
CCT: 4000K 5000K 6500K
CRI: 70 / 80Ra
PF: 0.9
Size: 600mm

Rated Power: 10W
Voltage: 100~240V
CCT: 4000K 5000K 6500K
CRI: 70 / 80Ra
PF: 0.9
Size: 900mm

Rated Power: 18W
Voltage: 100~240V
CCT: 4000K 5000K 6500K
CRI: 70 / 80Ra
PF: 0.9
Size: 1200mm



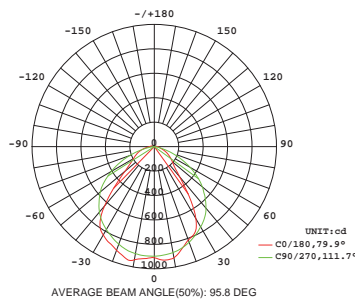
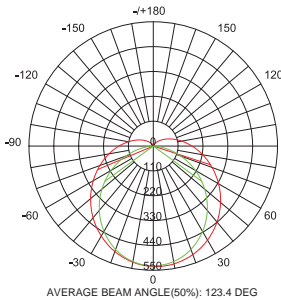
T8 Narrow Beam Angle Tube Lights



Rated Power: 8W
Voltage: 100~240V
CCT: 4000K 5000K 6500K
CRI: 80Ra
PF: 0.9
Average Beam Angle: 95°
Size: 600mm

Rated Power: 10W
Voltage: 100~240V
CCT: 4000K 5000K 6500K
CRI: 80Ra
PF: 0.9
Average Beam Angle: 95°
尺寸: 900mm

Rated Power: 20W
Voltage: 100~240V
CCT: 4000K 5000K 6500K
CRI: 80Ra
PF: 0.9
Average Beam Angle: 95°
Size: 1200mm





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