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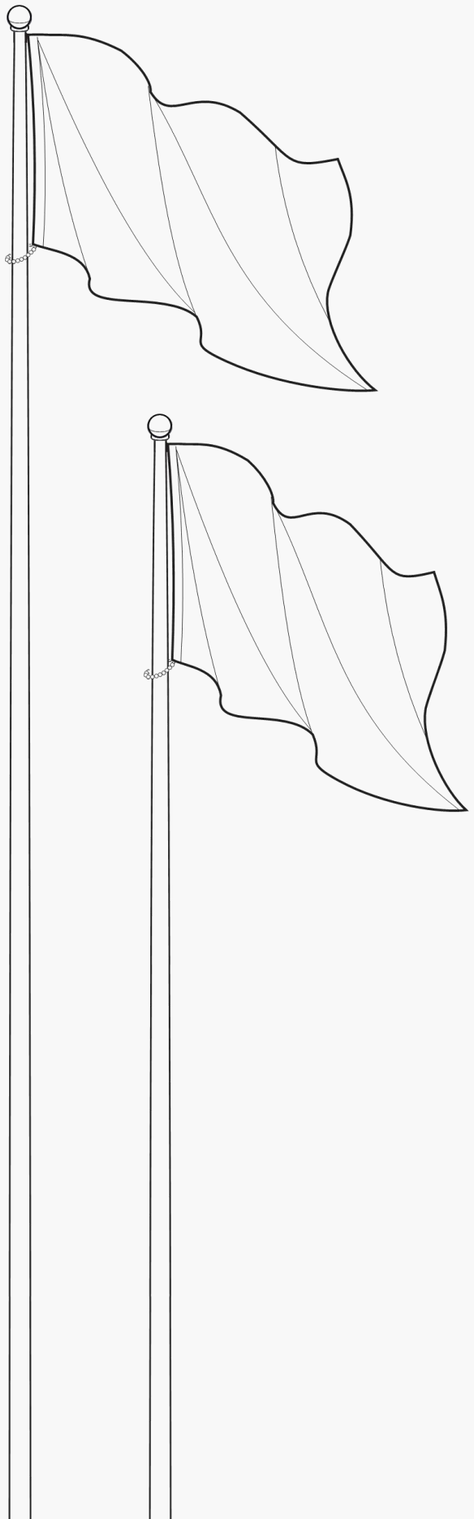
aspire

COMPANY BROCHURE

Xiamen Aspire Import & Export Co., Ltd



Make Your Brand Fly

CONTENTS

20+
Years Experience

30+
R&D Engineers

500+
Global Projects

80,000m²
Production Workshop

COMPANY PROFILE

Aspire Industry is a leading manufacturer and exporter of stainless steel flagpole, aluminum flagpole, aluminum lighting pole and tapered tubes, which are widely used in P.E. playgrounds, exhibition centers, schools, factories, hotels, government facilities, residential homes, etc..

In China, our factory is the first manufacturer bringing in modern spinning technology to produce aluminum alloy poles. Basis on over 80,000m² of manufacturing facilities and workshop, we provide competitive, high quality solutions to your specific requirements, all supported by excellent service and reliability.

Our engineering capabilities range from precision rolled and welded tube and pipework fittings, to tubular piles, fabricated pipework, civil and environmental pipework, heavy and complicated fabrications that comply with all the major international codes. Our long serving skilled workforce are experienced in achieving the highest engineering SS-316, SS-316L, SS-304 and aluminum 6063-T6.

We have an excellent R&D team supplying new items to the markets continuously. As a professional manufacturer, Aspire Industry also welcome OEM design.

We not only take much more attention on QC, but also pay great attention in the communication with every customer. We do not allow any defect products out of the factory.

Nowadays, our products have won good reputation at home and abroad, such as Europe, America, Oceania, Asia, Middle East, Africa, etc..

We would like to establish long standing relationship with every customer in the near future.

A **Accountability**
We accept full responsibility for our actions

P **Passion**
People with passion can change the world

R **Respect**
The feelings of others are important

S **Simplicity**
Simplicity is the ultimate sophistication

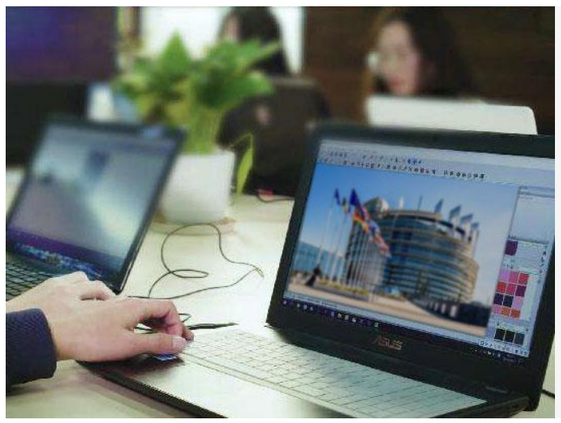
I **Integrity**
We are honest, ethical and trustworthy

E **Excellence**
We are honest, ethical and trustworthy

FACTORY STRENGTH

In China, our factory is the first manufacturer bringing in modern spinning technology to produce aluminum alloy poles.

Our Electrophoresis process has a ten years Gold Guarantee to be corrosion and maintenance free.



With the ability of AutoCAD rendering, we accept customer's own designs and OEM design orders.

Aluminum Spinning Equipment

Aluminum Stick Extrusion Presser

Laser Cutting Machine

Laser Engraving Machine

15m Hot Proceeding Equipment

13m Anodized Production Line

USED FOR FAMOUS EVENTS

As an industry-leading manufacturer of aluminum poles, we are extremely proud to offer the better pole value, professional customer service and continued innovation to industry professionals worldwide. Our products have been used for many famous projects and received positive recommendations from our customers.

2008
Beijing Summer Olympics

2010
Expo Shanghai China

2010
Guangzhou Asian Games

2010
Singapore Youth Olympic Games

2011
Shenzhen Summer Universiade

2012
African Union Conference Center

2014
The 22nd APEC Economic Leaders' Meeting

2016
G20 Hangzhou Summit

2017
The BRICS Xiamen Summit

BRAND CLIENTS

TAPERED POLE

Sustainability In Aluminium

Aluminum Pole VS Traditional Pole

Widely Application

Production Process

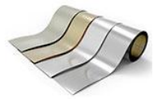
Sustainability In Aluminium

Aluminum resists the ravages of time, temperature, corrosion, humidity, and warping, creating an incredibly long life cycle when compared to alternative materials. This results in a far lower environmental impact through reduced material replacement energy.

Aluminum poles provide an environmentally responsible choice of material and approach with the burgeoning green movement, allowing specifiers to aggressively pursue a design based upon sustainable principles.

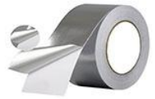
Corrosion resistant, maintenance free. Aluminum poles will gradually replace stainless steel poles. The aluminum poles will never rust.

Aluminum poles totally changes the situation that traditional tapered pole has longitudinal weld. It can be manufactured into a variety of shapes.



Through the process of aluminium extrusion it can be supplied in a variety of finishes including anodised, satin or powder coating.

Lighter weight for easy installation. It's about a third of the weight of steel, which makes it easier and cheaper to transport than most other metals.

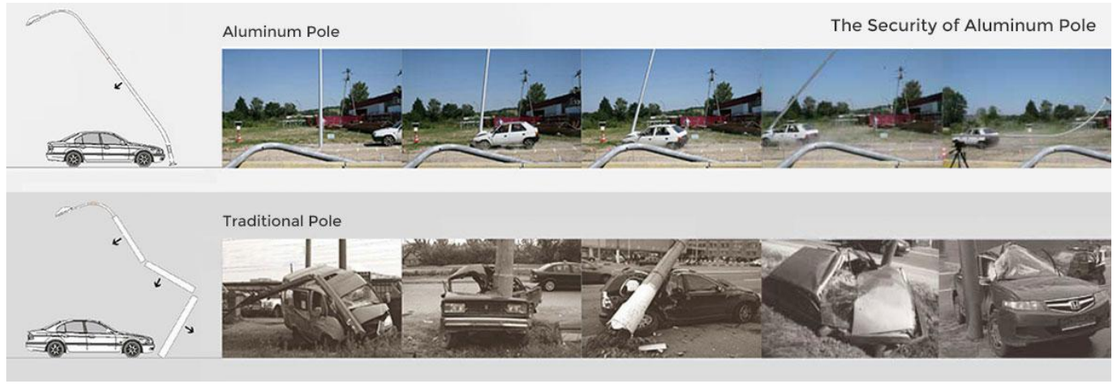


Even with 0.007mm thickness of aluminium foil, it is still impermeable and doesn't have a substance taste or smell. It is odourless and non-toxic.

100% recyclable, aluminum melting temperature is low to save energy and reduce emission. During the recycling, it retains all of its original properties.

Aluminum Pole VS Traditional Pole

For the sake of safety, European Union has already made mandatory provision: lamp post must use aluminium alloy material, and this regulation already began to carry out gradually. The reason is when a moving vehicle hits an aluminum pole, the pole bends, cushioning the vehicle so that it doesn't stop momentarily and the occupant doesn't fly out the window. And the aluminum rod by virtue of its own toughness, will not be broken and injured passers-by. The same thing happens with steel rods, with very different results.



▪ Correlation Table

Product	Advantage	Shortcoming
Steel poles	Strength	Visible rust and corrosion Weights three times as aluminium and high freight cost Limited recycle value Should not be direct buried Limited finishing
Fiberglass poles	Light weight Can be direct buried	Short life No recycle value and difficult and expensive to dispose Ultraviolet damage is common Expensive maintenance costs Can be damaged by mowing & trimming
Concrete poles	Can be direct buried Strength Never needs painting	Heavy and expensive shipping costs No recycle value Difficult to install and require expensive installation equipment More dangerous than other material

Widely Application

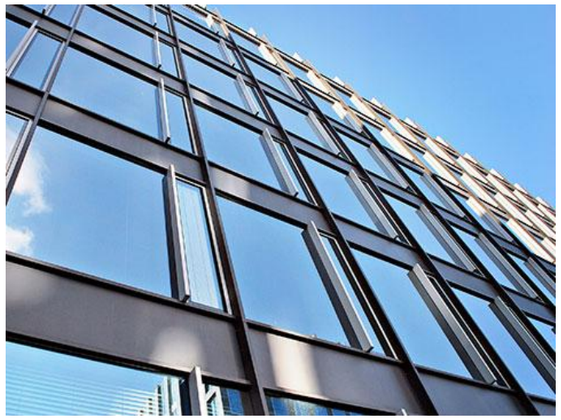
Flagpole

Lamp Pole

Bird House Pole

Bollard Cover

Handrail



Curtain Wall

Production Process

1. Raw material selection

We use aluminum alloy 6063 material bar. It is high quality building material, widely applied in construction projects such as aluminum windows and doors, curtain wall frame and so on. It guarantees the products have corrosion resistivity in the natural environment and will never rust . At the same time, in order to make sure flagpole's regular productlon, we select the alumInum alloy material strictly and does homogenization processing.

2. Precise numerical control extrusion

We have own extrusion production line, which meets the standard raw material supply. It enormously reduce production processing cycle.

3. Numerical controlled spinning

With tho advanced entire numerical controlled spinning equipmont, it forms cone shape or other different spindle shape in the high speed revolving process. The whole profile does not have welding joint but has smooth line and extremely round circle shape.

4. Intensity processing

In order to make aluminum alloy material have steel intensity, our lighting poles must pass through several heating treatment procedure in order to meet international intensity standard for aluminum alloy material.

5. Base plate welding

In order to make sure base intensity, all lighting poles bases are casting aluminum material. The base plate use automatic welding machine to weld, in this high grade welding process,the welding intensity and artistic can be guaranteed.

6. Access door

Each light pole has an access door for the installation of the electrical junction box. We use advanced cutting machine to cut the door, so the door is part of pole and is tightly matched, and the crack gap is even, which guarantee the door waterproof. Generally access door is 500mm up from the ground in the poles (also may based on the shape of poles). At the back of door，that is inside the pole, there's a aluminum rail welded for fixing the junction box. Lock is specially made with stainless steel anti-theft screws, and only professional tools provided can open, thereby this enhances the product's security performance.

7. Grounding system

Use a "L"-shaped folded aluminum workpiece, one side is welded to the wall of the pole, on the other side, drill a M8 hole in the center for the grounding wire.

Production Process

8. Anticorrosive protection for the bottom of lighting pole

We protect bottom part of lighting poles to prevent alkaloid ingredient corrosion from salt soil and mechanicalness damage. The protection coating is environmental protection. We use epoxy resin to cover bottom and up to 200mmm pole surface. The inserted type poles bottom should cover epoxy resin wholely. Protective layer thickness is between 0.7mm-1.0mm. In addition, in order to prevent construction damage, our lighting poles have pyrocondensation membrane at bottom place, please get rid of it when theconstruction completes.

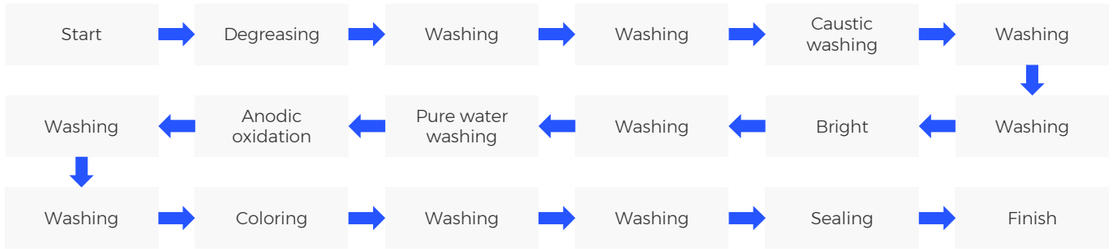
9. Surface treatment

(1) Anodic oxidation

We offer anodized finish as standard because it provides the best quality product. Brushed poles cannot offer the same lever of protection and easily blacken in polluted aggressiive environments such as coastal corrosion areas, traffic intersections and salted road are susceptible to corrosion. Anodizing is used to protect the aluminum surface of poles, extension arms and ornamental motifs from corrosion.

Anodizing is an electrochemical method which creates an oxide layer on the surface of the metal. Anodized coatings are supplied in several thickness of coating appropriate to the installation location and local conditions. The standard anodized coating is 12 microns and this ensure safe use in moderate to harsh conditions.

Anodic oxidation process of general profile as follows:



① Degreasing

No matter how you process the aluminum products, the surface will exist in varying degrees, dirt and defects, such as dust, metal oxides (oxide film formed under natural or high temperature), residual oil, asphalt signs, artificial handling fingerprints (the main component is fatty acids and nitrogen-containing compounds), welding flux, as well as corrosive salts, metal burrs, scratches and other minor draw. Therefore, prior to oxidation treatment, it is necessary to use chemical or physical methods to clean the surface of the products in order to expose metal matrix to do oxidation coloring and get the artificial membranes, which is combined with the solid matrix. Its color and thickness will meet the requirements and it has the best corrosion resistance, wearable, weatherproof performance.

② Alkali etching (caustic washing)

Alkali etching is the process that wash the surface of aluminum products in the sodium hydroxide solution within or without other substances, also known as alkali corrosion or caustic washing. Its role is to make up degreasing and do further cleaning, to remove natural oxide film and minor abrasions on surface. So that products expose clean metal matrix which is conducive to the generation of anodic film and has a high-quality film. In addition, by changing the composition of solution, temperature, processing time and other operating conditions, we'll have smooth, satin-matt, gloss or other kinds of corrosion washing surface.

③ Bright (neutralization)

The gray or black hanging ash which attach on surface of aluminium products after Alkali etching will not be dissolved in the cold or hot water，but can be dissolve in acidic solution, therefore, after Alkali etching, products should wash in acid solution in order to remove the hanging ash as well as residue lye and expose bright basic metal surface, this process is called neutralization, or bright processing.

④ Anodized

Aluminum or aluminum alloy products as the anode is placed in electrolyte solution (sulfuric acid solution commonly), through electrolysis, to make aluminum oxide film formed on the surface, this process is known as anodized.

⑤ Colouring

a. Chemical coloring: The process is simple, easy to control, having a wide color range and the color is bright.

(a) Monochrome staining: immerse aluminum products which is finish anodic oxidation and washing into the dye liquor that is in stated temperature.

(b) Multi-color staining: two or more colours are required on aluminium products, such as landscapes, flowers and birds, text, mainly use printing process to complete.

b. Electrolytic coloring

Electrolytic coloring process is sun-proof and hard to fade, it is the most widely used method of coloring. Through changing the dyeing time, we may gain yellow, champagne, bronze colour, brown, black and so on.

⑥ Sealing

In order to improve the quality of aluminum and dyeing, the micro-porous of the oxidized film should be closed after colouring. After sealing treatment the surface becomes even and non-porous and form a dense oxide film. Dye depositing in the oxide membrane is indelible. And the oxide film has no adsorption, which will avoid being contaminated by absorption of harmful substances and early erosion, thus it improves anti-pollution and anti-corrosion of anodic oxide film. Commonly hydrated sealing way, inorganic salt solution sealing way, transparent organic coating sealing way after dyeing are available.

Features of anodized pole: Anodized layer is part of metal surface, which will not peel and flake, and the color won't fade;

Long life: through anodic oxidation treatment, product forms a 12 microns sealing film in order to ensure the poles to resist corrosion in nature and no significant discoloration in 25 years.

(2) Fluorocarbon coating

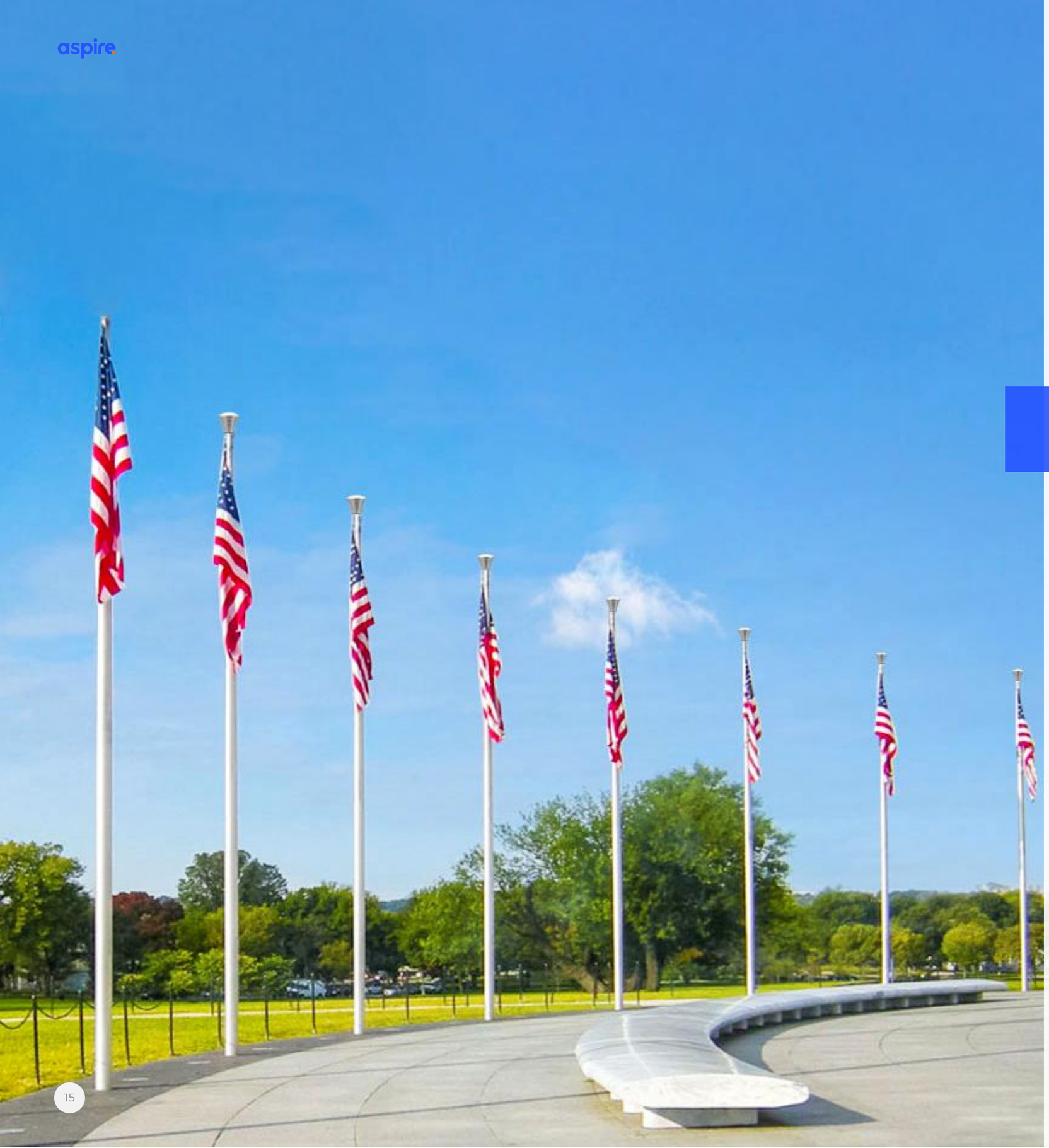
A new coating material, it has excellent anti-fade, anti-frost, anti-air polluted(acid rain,etc.) corrosion, anti-UV ability, and strong anti-crack and the ability to withstand harsh weather conditions that the general coating can't reach.

(3) Powder coating

Light pole surface can be colored polyester powder coating, bright color, anti-ultraviolet radiation, non-fading.

Note: Because rod body, boards, wire and other material differences, anodizing would produce a certain color.

NOTICE: Anodizing inherently results in color variations on aluminum as the material difference between the poles, the base and the welding material, it is inevitable. If you want to ensure the color consistency on surface of poles, powder coating or fluorocarbon coating is recommended.



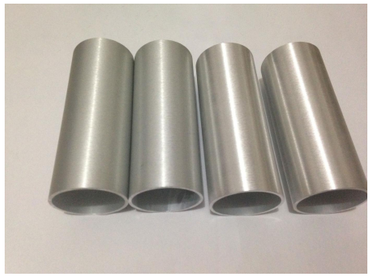
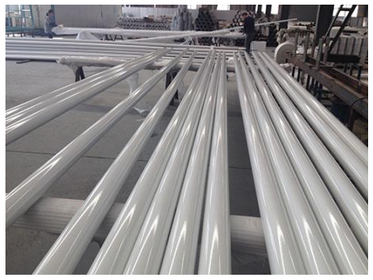
ALUMINUM FLAGPOLE

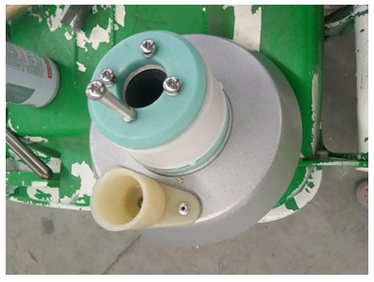
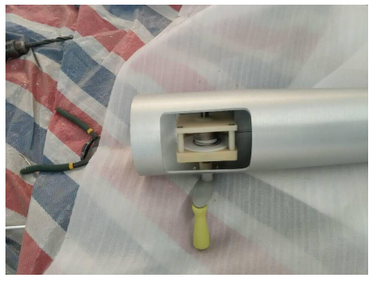
Product Details
Product Specification
Product Accessories
Packing & Delivery
Production Process
Quality Control

As a professional aluminum flagpole supplier, our products have proven to be the flagpole industry leader, bringing more than 20 years of research and development, engineering and manufacturing.

We manufacture cone tapered aluminum 6063 flagpoles from 6m up to 20m which are available. Wall thicknesses vary from 3.0mm up to 5.0mm.

Product Details

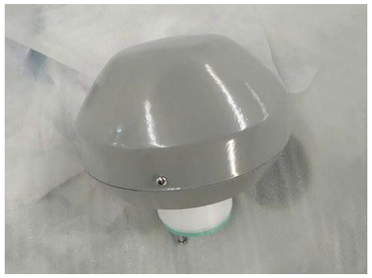




Product Specification

Item	Height (m)			Flagpole Specification (mm)						Installation Specification	
	Total Height	Above Height	Below Height	Above Material	Below Material	Inner Sleeve Height	Top OD	Bottom OD	Fixed Base Plate (OD/CD/THK)	Embedded Base Plate (OD/CD/THK)	Embedded Bolts
A-Q-126-6.0	6.0	-		Φ127x3.0	-	-	Φ85	Φ127	Φ224/Φ200/8	Φ224/Φ200/5	4-M16x500
A-Q-126-7.0	7.0										
A-Q-157-8.0	80	-		Φ157x3.5	-	-	Φ85	Φ127	Φ280/Φ240/16	Φ300/Φ240/5	4-M20x800
A-Q-157-8.5	8.5										
A-Q-157-9.0	9.0										
A-Q-157-9.5	9.5										
A-Q-157-10.0	10.0										
A-Q-157-10.5	10.5										
A-Q-157-11.0	11.0										
A-Q-157-11.5	11.5										
A-Q-157-12.0	12.0										
A-Q-157-12.5	12.5										
A-Q-183-13.0	13.0	4.0	9.0+0.3	Φ127x3.0	Φ183x4.1	1500	Φ85	Φ183	Φ300/Φ260/18	Φ320/Φ260/5	6-M20x1000
A-Q-183-14.0	14.0	5.0									
A-Q-183-15.0	15.0	6.0									
A-Q-183-16.0	16.0	7.0									
A-Q-183-17.0	17.0	8.0									
A-Q-210-18.0	18.0	7.5	10.5+0.3	Φ157x3.2	Φ210x5.0	1500	Φ85	Φ210	Φ330/Φ290/20	Φ350/Φ290/5	6-M20x1200
A-Q-210-19.0	19.0	8.5									
A-Q-210-20.0	20.0	9.5									

Product Accessories



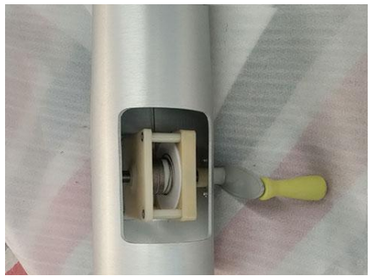
Top Ball Finial

Custom Top Ball Finial

Counter Weight Beads

Panel

Panel Cover



Winch

Base Cover

Custom Made Base Cover

Kirsite Cleat

All flagpoles come complete with fixed base plate, internal winch system, rotating finial, rotating truck and counterweight

Packing & Delivery

1. Using strench film as the first layer of packing.
2. Using Bubble sheet as the second layer of packing.
3. Using PE sheet as the third layer of packing.
4. Using carton to pack accessories of flag pole.
5. If the poles are shipped in LCL container, plywood cartons are required to protect the poles from damage during shipment.

Production Process

Spinning

Heating Treament

Bending

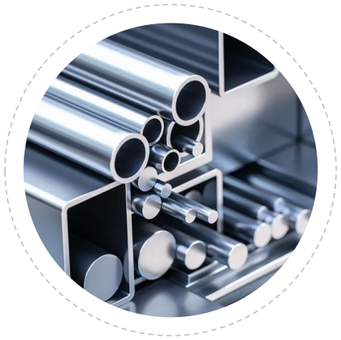
Laser Cutting

Laser Welding/Manual Welding

Anodizing

Quality Control

We are dedicated to supplying aluminum flagpoles that provide long lasting beauty with finishes that will endure the hardships of multiple environments. Our cone tapered commercial ground set aluminum flagpoles are precisely fabricated from new 6063-T6 aluminum tubing utilizing the flagpole industry's most sophisticated, state-of-the-art manufacturing process. Our Electrophoresis process has a ten years Gold Guarantee to be corrosion and maintenance free.



- The material will be inspected before production. We ensure the material element meet the requirement.
- After the pole finished, we will do the strength test and surface corrosion test, which will guarantee the safety of the pole.
- The technician in every process of production will inspect the quality of the previous process.
- The quality supervisor will inspect the pole products overall before packing.

STAINLESS STEEL FLAGPOLE

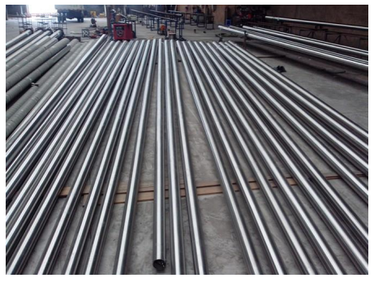
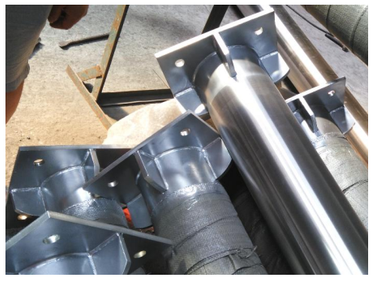
Product Details
Product Specification
Product Accessories
Packing & Delivery
Production Process
Quality Control

As a leading flagpole supplier, our stainless steel flagpoles are suited to places such as marinas and squares where there is severe exposure to wind and weather.

We manufacture a standard range of 304 and 316 grade stainless steel flagpoles from 6m up to 30.8m which are available in a standard satin finish. Wall thicknesses vary from 2.5mm up to 5.0mm.

Product Details




Product Specification

Item	Height	Top OD	Bottom OD	Wall Thickness	Wind Speed
ASF06	6m	80mm	140mm	2.5/3.0mm	126Kmph
ASF08	8m	80mm	160mm	2.5/3.0mm	126Kmph
ASF09	9m	80mm	170mm	2.5/3.0mm	126Kmph
ASF10	10m	80mm	180mm	2.5/3.0mm	126Kmph
ASF11	11m	80mm	190mm	2.5/3.0mm	126Kmph
ASF12	12m	80mm	200mm	2.5/3.0mm	126Kmph
ASF13	13m	80mm	210mm	2.5/3.0mm	126Kmph
ASF14	14m	80mm	220mm	2.5/3.0mm	126Kmph
ASF15	15m	80mm	230mm	2.5/3.0mm	126Kmph
ASF16	16m	80mm	240mm	2.5/3.0mm	126Kmph
ASF16.8	16.8m	80mm	248mm	2.5/3.0mm	126Kmph
ASF17	17m	80mm	250mm	3.0+3.0mm	126Kmph
ASF18	18m	80mm	260mm	3.0+3.0mm	126Kmph
ASF19	19m	80mm	270mm	3.0+3.0mm	126Kmph
ASF20	20m	80mm	280mm	3.0+3.0mm	126Kmph
ASF21	21m	80mm	290mm	3.0+3.0mm	126Kmph
ASF22	22m	80mm	300mm	3.0+3.0mm	126Kmph
ASF23	23m	80mm	310mm	3.0+3.0mm	126Kmph
ASF24	24m	80mm	320mm	3.0+3.0mm	126Kmph
ASF25	25m	80mm	330mm	3.0+3.0mm	126Kmph
ASF26	26m	80mm	340mm	3.0+3.0mm	126Kmph
ASF27	27m	80mm	350mm	3.0+3.0mm	126Kmph
ASF28	28m	80mm	360mm	3.0+3.0mm	126Kmph
ASF29	29m	80mm	370mm	3.0+3.0mm	126Kmph
ASF30	30m	80mm	380mm	3.0+3.0mm	126Kmph
ASF30.8	30.8m	80mm	388mm	3.0+3.0mm	126Kmph

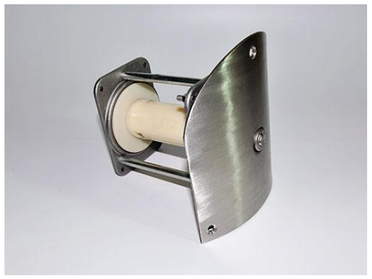
Product Accessories

Top Ball Finial

Top Ball Finial

Counter Weight Beads

Pulley



Winch

Double Hanging Sticks

Normal Base Cover

Custom Made Base Cover

Bolts

All flagpoles come complete with either a square hinged or fixed base plate, anchor bolts, internal or external halyard system, rotating finial, double hanging sticks and counterweight beads.

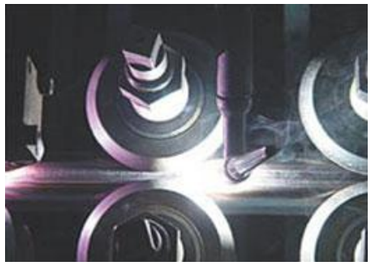
Packing & Delivery

1. Using strench film as the first layer of packing.
2. Using Bubble sheet as the second layer of packing.
3. Using PE sheet as the third layer of packing.
4. Using carton to pack accessories of flag pole.
5. If the poles are shipped in LCL container, plywood cartons are required to protect the poles from damage during shipment.

Production Process

Splitting

Shaping



Welding

Cutting

Heat treatment

Straightening

Plane end

Eddy current

Hydraulic test

Inner polishing

Outer polishing

Terminal test

Quality Control

The most common grades used for flagpoles are 304 Grade (1.4301) and 316 Grade (1.4401). By adding Nickel and increasing chromium to 304 Grade, the internal structure of the metal is manipulated and the corrosion resistance increased. By further adding Molybdenum and increasing the nickel content to 10% 316 Grade is created and is more commonly known as "Marine Grade". This grade of steel is better suited for coastal or more heavily polluted environments.

- The material will be inspected before production. We ensure the material element meet the requirement.
- After the pole finished, we will do the strength test and surface corrosion test, which will guarantee the safety of the pole.
- The technician in every process of production will inspect the quality of the previous process.
- The quality supervisor will inspect the pole products overall before packing.

LAMP POLE

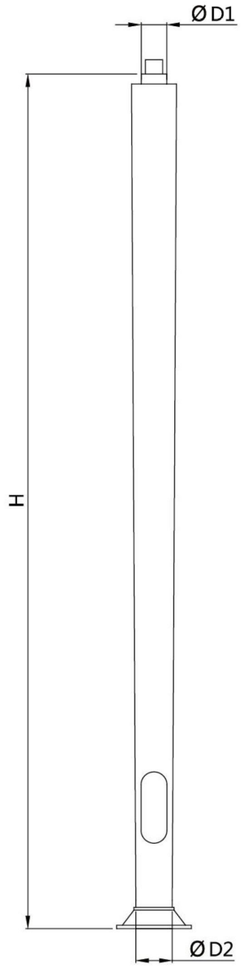
Standard Spinning Series

European Style Series

Engraving Series

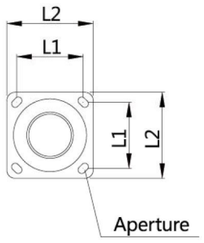
Lawn Lamp Series

Standard Spinning Series



AI-TA01

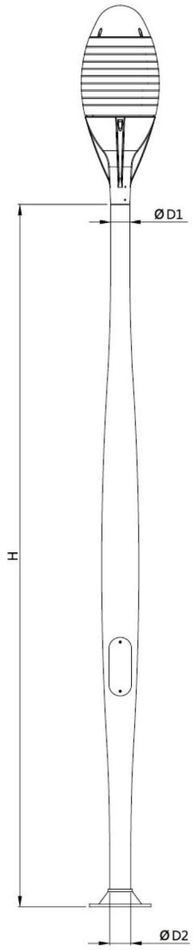
AI-TA02



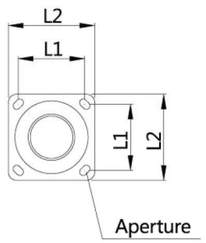
▪ Parameter

Item	Max OD (mm)	Wall Thickness (mm)	Height (m)	Top OD (mm)	Bottom OD (mm)	Base Plate (mm)		
			H	D1	D2	L1	L2	Aperture
AI-TA	127	3.0	2.5≤H≤4.0	76	90	200	260	22x35
	157				127			
	150	4.0			127			

Standard Spinning Series



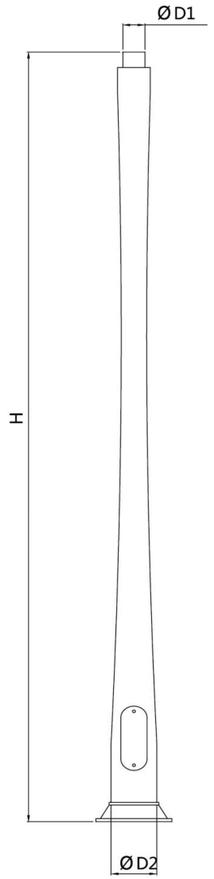
AI-TC

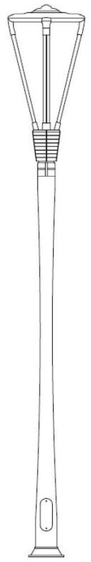


▪ Parameter

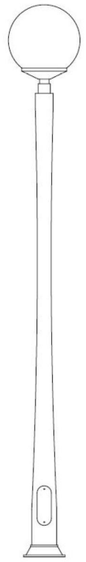
Item	Max OD (mm)	Wall Thickness (mm)	Height (m)	Top OD (mm)	Bottom OD (mm)	Base Plate (mm)		
			H	D1	D2	L1	L2	Aperture
AI-TC	127	3.0	2.5≤H≤4.0	76	90	200	260	22x35
	157							
	150	4.0						

Standard Spinning Series

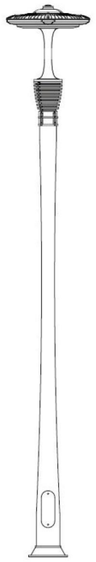




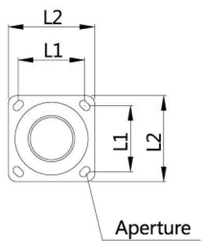
AI-TD01



AI-TD02



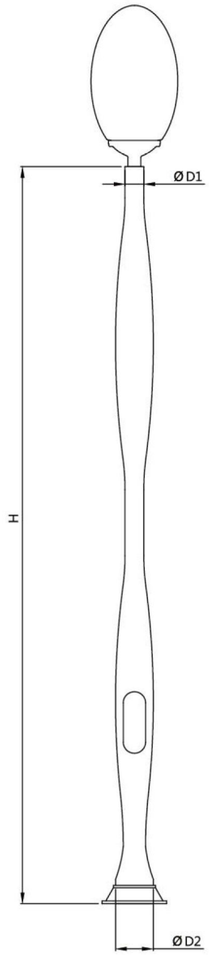
AI-TD03



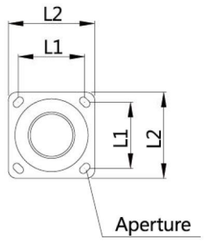
▪ Parameter

Item	Max OD (mm)	Wall Thickness (mm)	Height (m)	Top OD (mm)	Bottom OD (mm)	Base Plate (mm)		
			H	D1	D2	L1	L2	Aperture
AI-TD01 AI-TD03	127	3.0	2.5≤H≤4.0	114	127	200	260	22x35
	157				157			
	150	4.0			150			
AI-TD02	127	3.0	2.5≤H≤4.0	76	127			
	157				157			
	150	4.0			150			

Standard Spinning Series



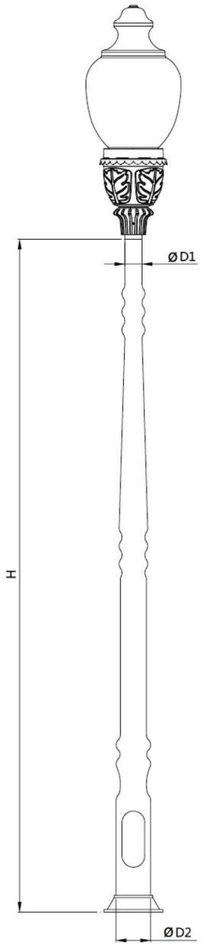
AI-TF



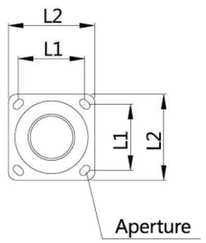
▪ Parameter

Item	Max OD (mm)	Wall Thickness (mm)	Height (m)	Top OD (mm)	Bottom OD (mm)	Base Plate (mm)		
			H	D1	D2	L1	L2	Aperture
AI-TF	127	3.0	2.5≤H≤4.0	76	127	200	260	22x35
	157				157			
	150	4.0			150			

Standard Spinning Series



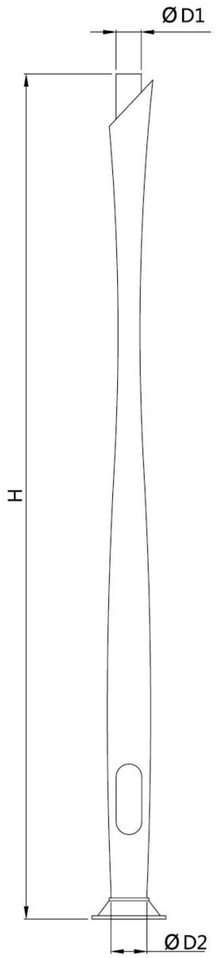
AI-TG

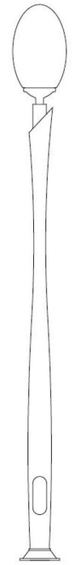


▪ Parameter

Item	Max OD (mm)	Wall Thickness (mm)	Height (m)	Top OD (mm)	Bottom OD (mm)	Base Plate (mm)		
			H	D1	D2	L1	L2	Aperture
AI-TG	127	3.0	2.5≤H≤4.0	76	127	200	260	22x35
	157				157			
	150	4.0			150			

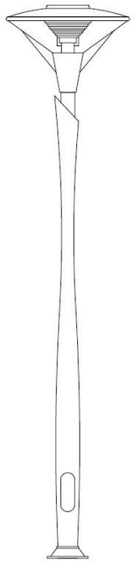
Standard Spinning Series



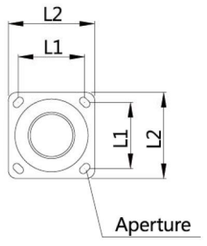


AI-TH01

AI-TH02



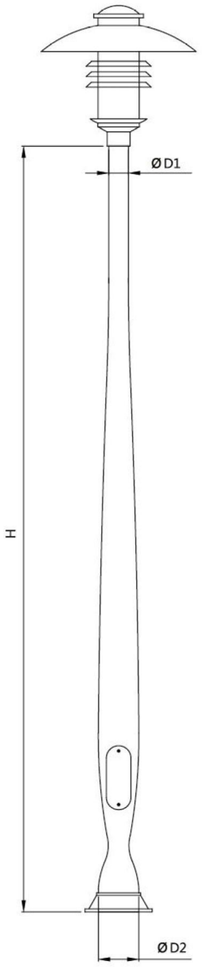
AI-TH03



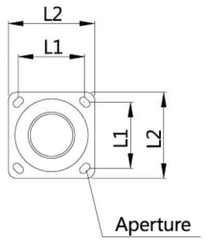
▪ Parameter

Item	Max OD (mm)	Wall Thickness (mm)	Height (m)	Top OD (mm)	Bottom OD (mm)	Base Plate (mm)		
			H	D1	D2	L1	L2	Aperture
AI-TH	127	3.0	2.5≤H≤4.0	76	90	200	260	22x35
	157				127			
	150	4.0			127			

Standard Spinning Series



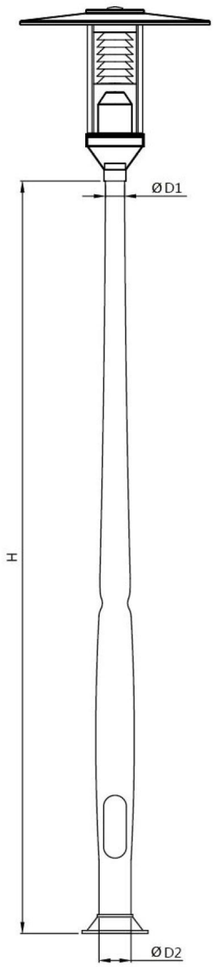
AI-TJ



▪ Parameter

Item	Max OD (mm)	Wall Thickness (mm)	Height (m)	Top OD (mm)	Bottom OD (mm)	Base Plate (mm)		
			H	D1	D2	L1	L2	Aperture
AI-TJ	127	3.0	2.5≤H≤4.0	76	127	200	260	22x35
	157				157			
	150	4.0			150			

Standard Spinning Series

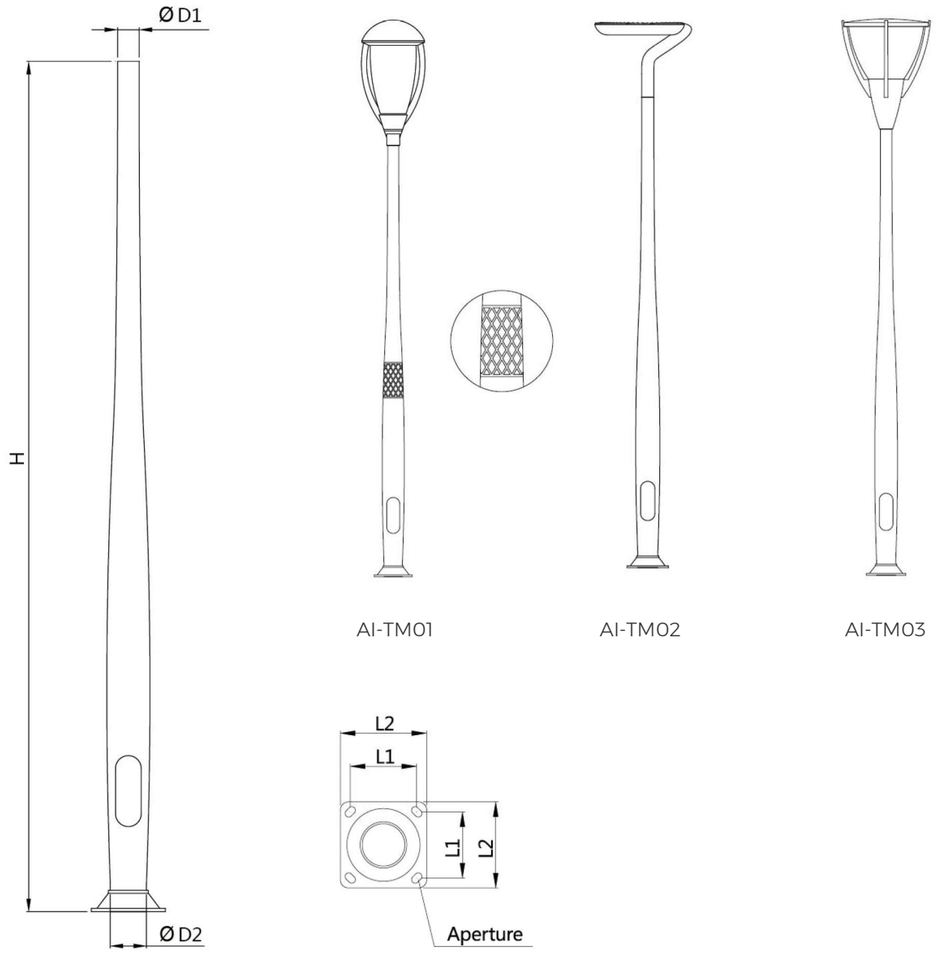


AI-TK

▪ Parameter

Item	Max OD (mm)	Wall Thickness (mm)	Height (m)	Top OD (mm)	Bottom OD (mm)	Base Plate (mm)		
			H	D1	D2	L1	L2	Aperture
AI-TK	127	3.0	2.5≤H≤4.0	76	90	200	260	22x35
	157				127			
	150	4.0			127			

Standard Spinning Series



AI-TM01

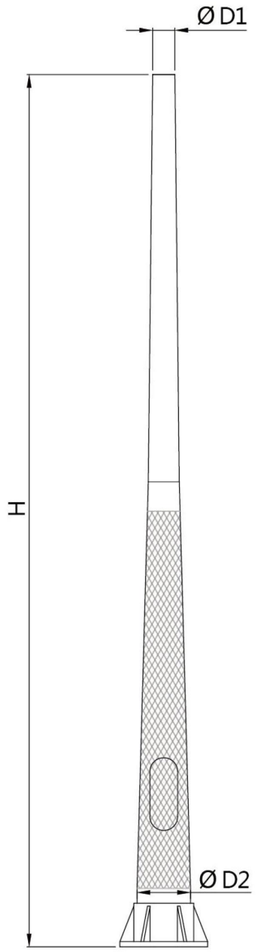
AI-TM02

AI-TM03

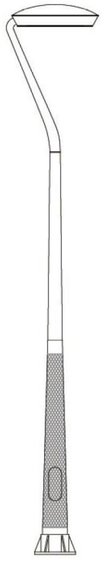
▪ Parameter

Item	Max OD (mm)	Wall Thickness (mm)	Height (m)	Top OD (mm)	Bottom OD (mm)	Base Plate (mm)		
			H	D1	D2	L1	L2	Aperture
AI-TM	127	3.0	2.5≤H≤4.0	76	90	200	260	22x35
	157				127			
	150	4.0			127			

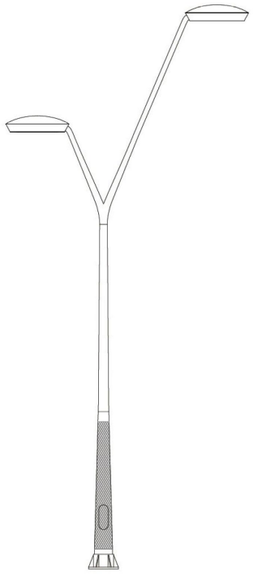
Standard Spinning Series



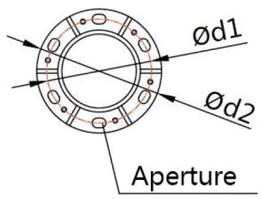
AI-TQ01



AI-TQ02



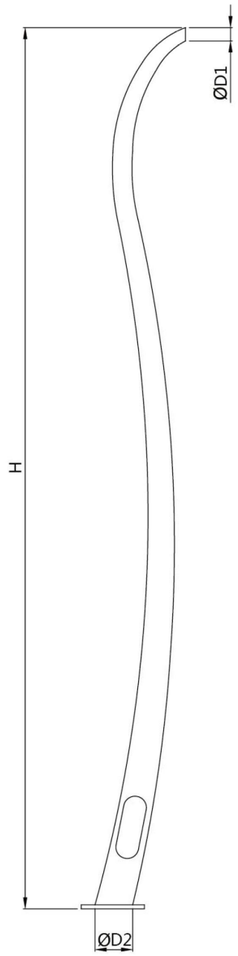
AI-TQ03

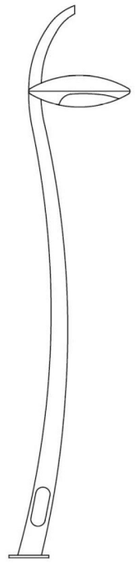


▪ Parameter

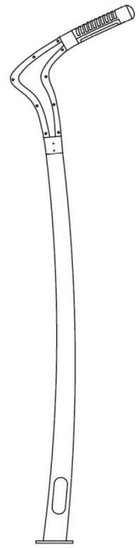
Item	Max OD (mm)	Wall Thickness (mm)	Height (m)	Top OD (mm)	Bottom OD (mm)	Base Plate (mm)		
			H	D1	D2	d1	d2	Aperture
AI-TQ01	183	3.0/4.1	2.5≤H≤4.0	76	183	260	310	24x34
AI-TQ02								
AI-TQ03			3.0≤H≤5.0					

Standard Spinning Series

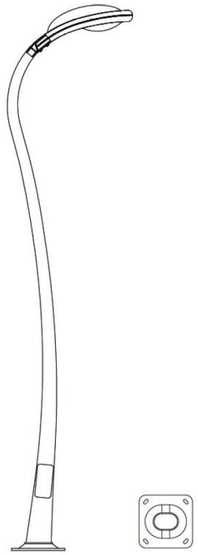




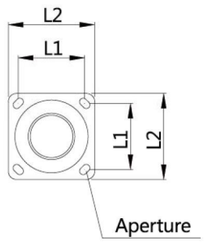
AI-TS01



AI-TS02



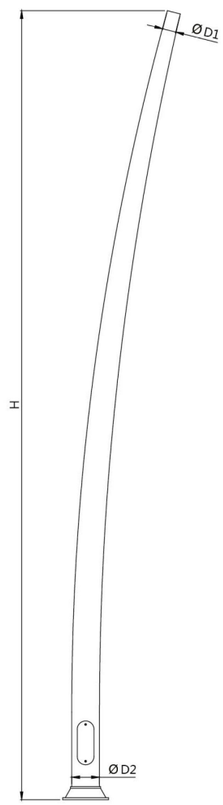
AI-TS03

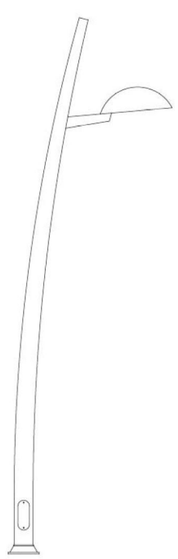


▪ Parameter

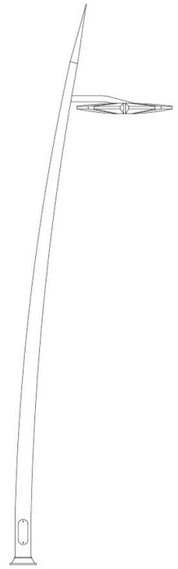
Item	Max OD (mm)	Wall Thickness (mm)	Height (m)	Top OD (mm)	Bottom OD (mm)	Base Plate (mm)		
			H	D1	D2	L1	L2	Aperture
AI-TS01	160X90	3.6	2.5≤H≤4.0	60	160X90	200	250	20X30
AI-TS02	157	3.0		89	157			
AI-TS03	175X117	4.0	3.0≤H≤5.0	68	175X117	300	400	20X48

Standard Spinning Series

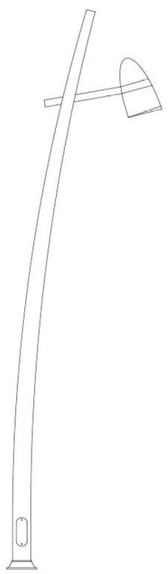




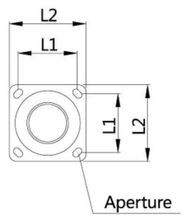
AI-TY01



AI-TY02



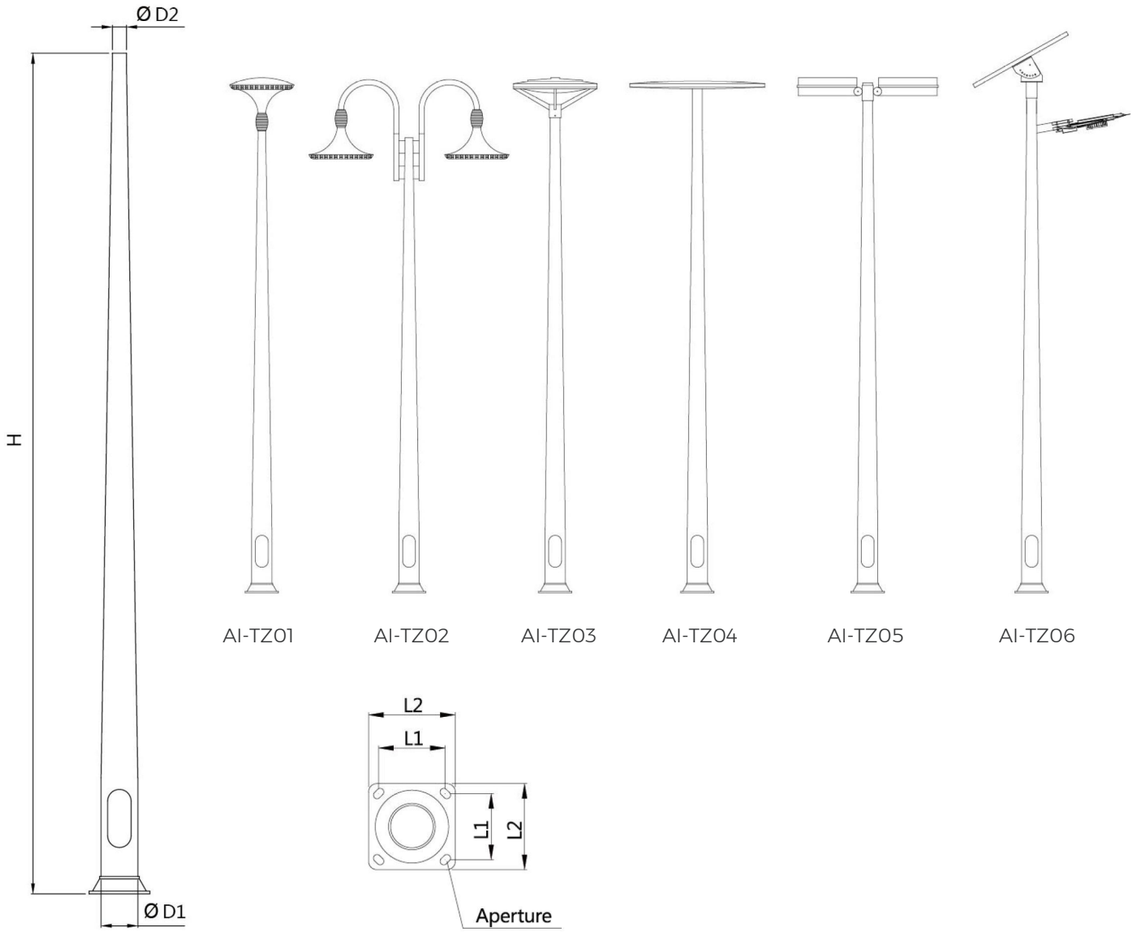
AI-TY03



▪ Parameter

Item	Max OD (mm)	Wall Thickness (mm)	Height (m)	Top OD (mm)	Bottom OD (mm)	Base Plate (mm)		
			H	D1	D2	L1	L2	Aperture
AI-TY01	127	3.0	2.5≤H≤3.5	76	127	200	260	22X35
	157		4.0≤H≤4.5		157			
	150	4.0			150			
AI-TY02	157	3.0	4.0≤H≤6.0		157			
	150	4.0			150			
AI-TY03	127	3.0	4.0≤H≤4.5		127			
	157		4.0≤H≤6.0		157			
	150	4.0			150			

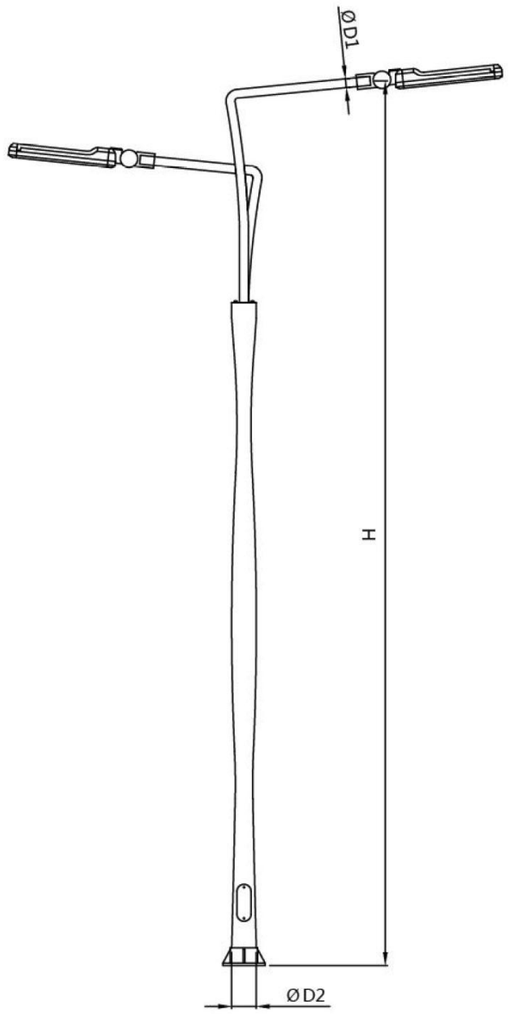
Standard Spinning Series



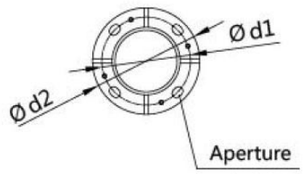
▪ Parameter

Item	Max OD (mm)	Wall Thickness (mm)	Height (m)	Top OD (mm)	Bottom OD (mm)	Base Plate (mm)		
			H	D1	D2	L1	L2	Aperture
AI-TZ01 AI-TZ03 AI-TZ04 AI-TZ05 AI-TZ06	127	3.0	2.5≤H≤4.0	76	127	200	260	22x35
	157				157			
	150	4.0			150			
AI-TZ02	127	3.0	4.0≤H≤5.0		127			
	157		5.0≤H≤6.0		157			
	150	4.0			150			

Standard Spinning Series



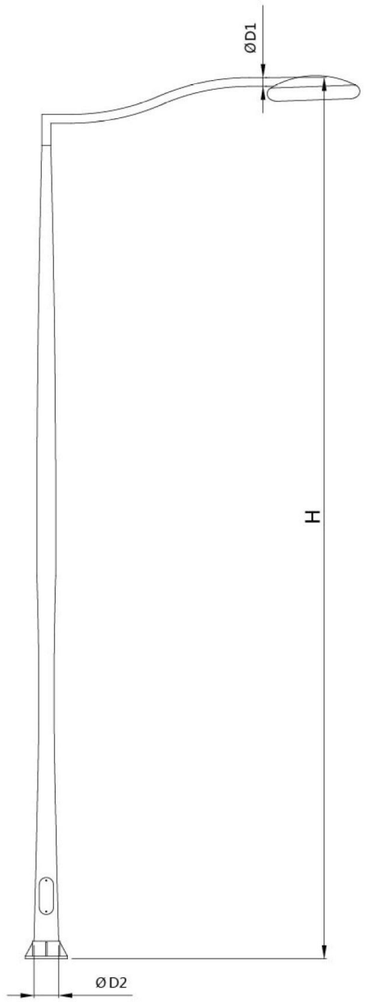
AI-LB



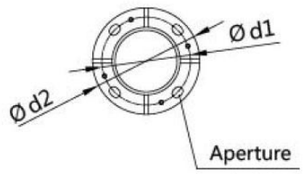
▪ Parameter

Item	Max OD (mm)	Wall Thickness (mm)	Height (m)	Top OD (mm)	Bottom OD (mm)	Base Plate (mm)		
			H	D1	D2	d1	d2	Aperture
AI-LB	166	3.5	6.0≤H≤10.0	60	166	240	290	24x34

Standard Spinning Series



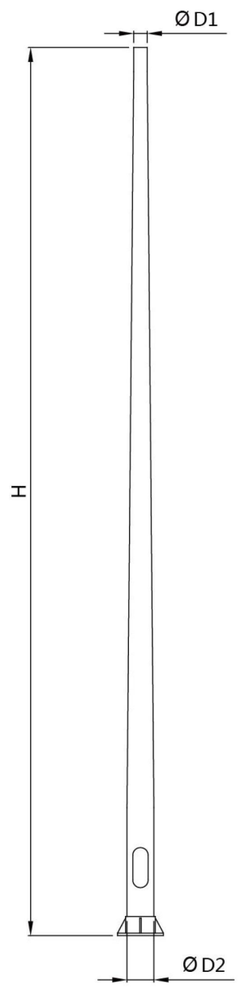
AI-LC

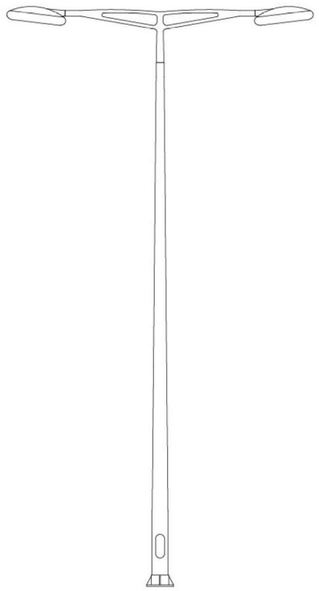


▪ Parameter

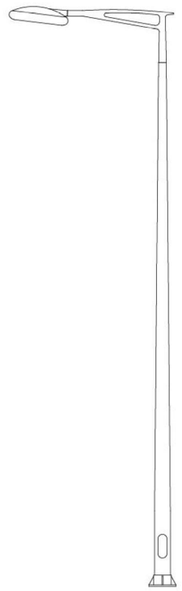
Item	Max OD (mm)	Wall Thickness (mm)	Height (m)	Top OD (mm)	Bottom OD (mm)	Base Plate (mm)		
			H	D1	D2	d1	d2	Aperture
AI-LC	166	3.5	6.0≤H≤10.0	60	166	240	290	24x34

Standard Spinning Series

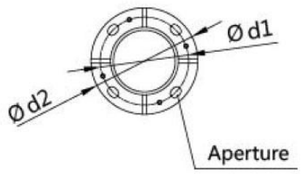




AI-LD01



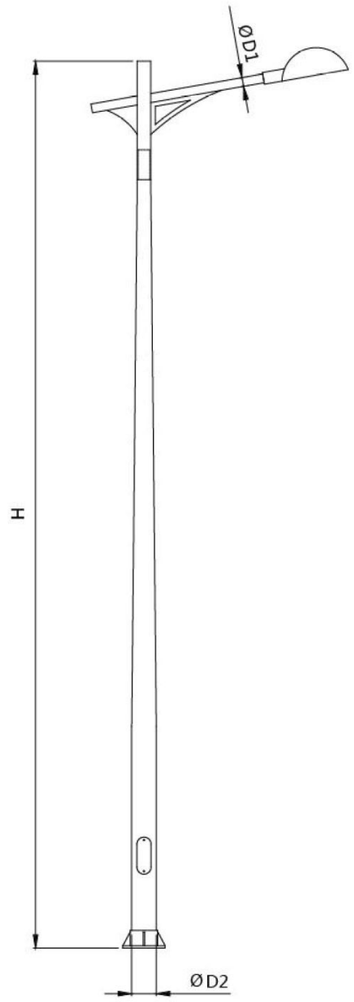
AI-LD02



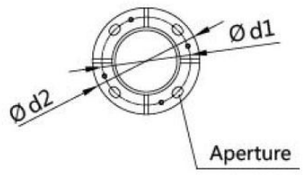
▪ Parameter

Item	Max OD (mm)	Wall Thickness (mm)	Height (m)	Top OD (mm)	Bottom OD (mm)	Base Plate (mm)		
			H	D1	D2	d1	d2	Aperture
AI-LD	166	3.5	6.0≤H≤10.0	85	166	240	290	24x34

Standard Spinning Series



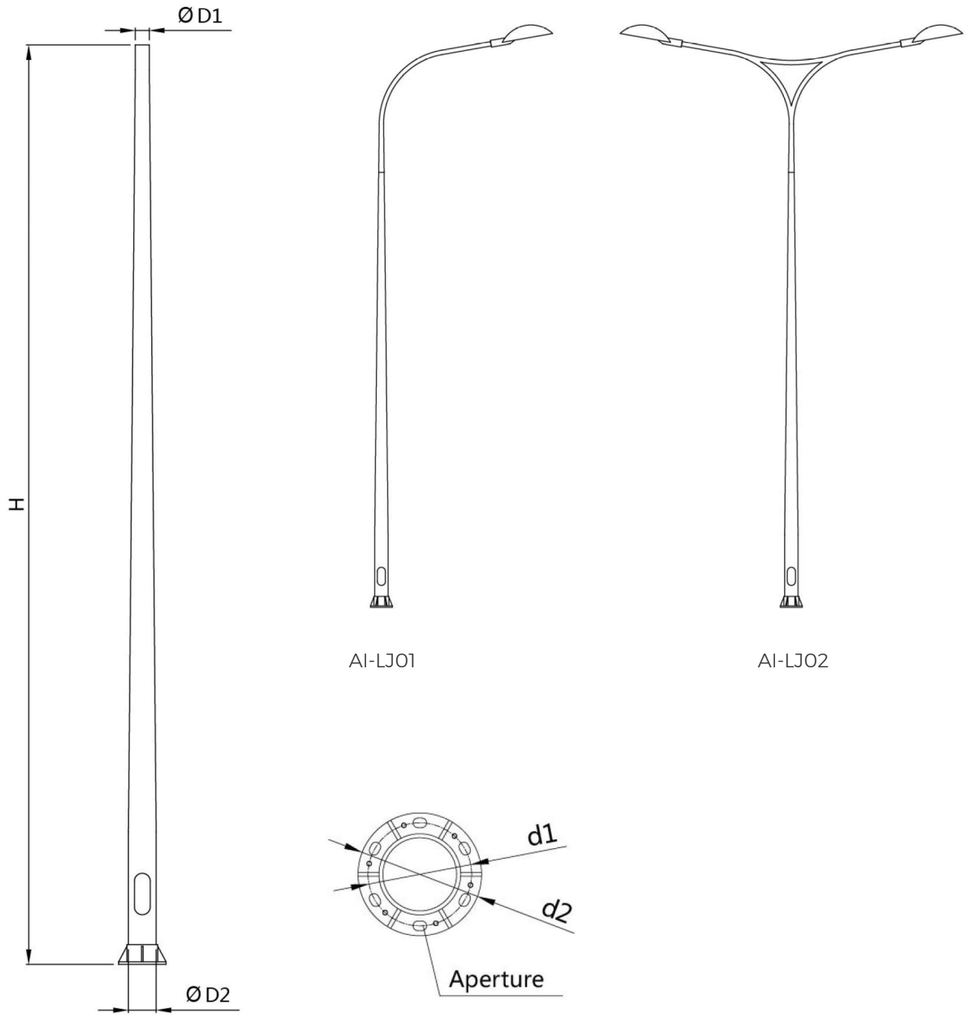
AI-LF



▪ Parameter

Item	Max OD (mm)	Wall Thickness (mm)	Height (m)	Top OD (mm)	Bottom OD (mm)	Base Plate (mm)		
			H	D1	D2	d1	d2	Aperture
AI-LF	166	3.5	6.0≤H≤10.0	60	166	240	290	24x34

Standard Spinning Series



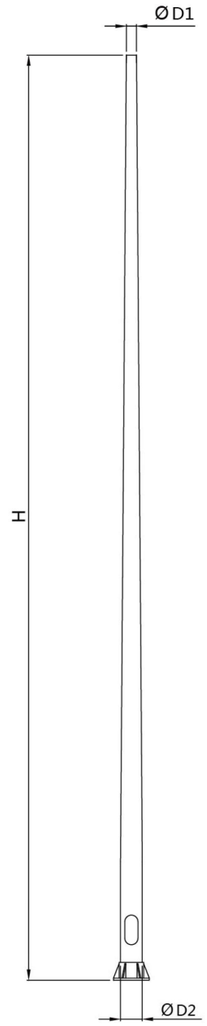
AI-LJ01

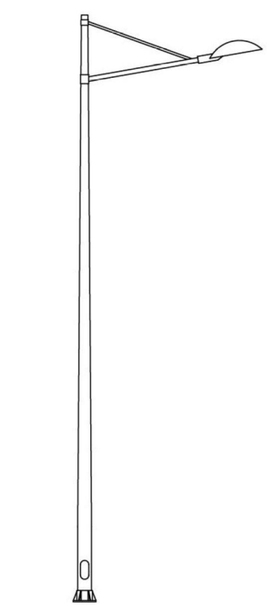
AI-LJ02

▪ Parameter

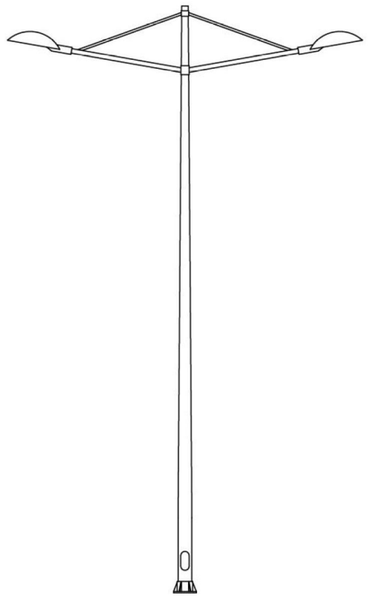
Item	Max OD (mm)	Wall Thickness (mm)	Height (m)	Top OD (mm)	Bottom OD (mm)	Base Plate (mm)		
			H	D1	D2	d1	d2	Aperture
AI-LJ	183	4.1	8.0≤H≤10.0	60	183	260	310	24x34

Standard Spinning Series

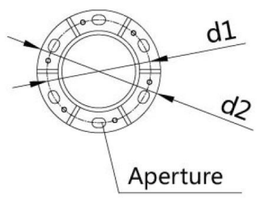




AI-LK01



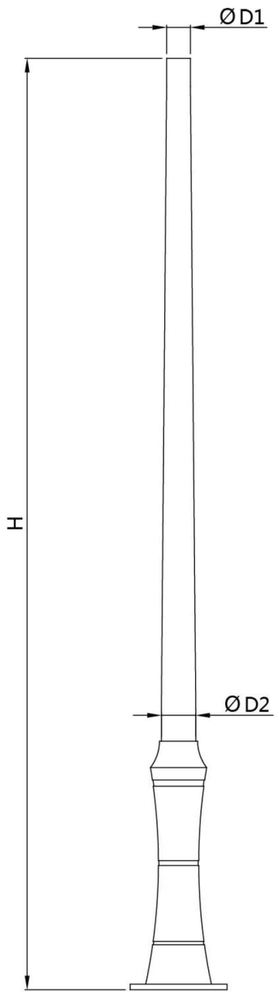
AI-LK02

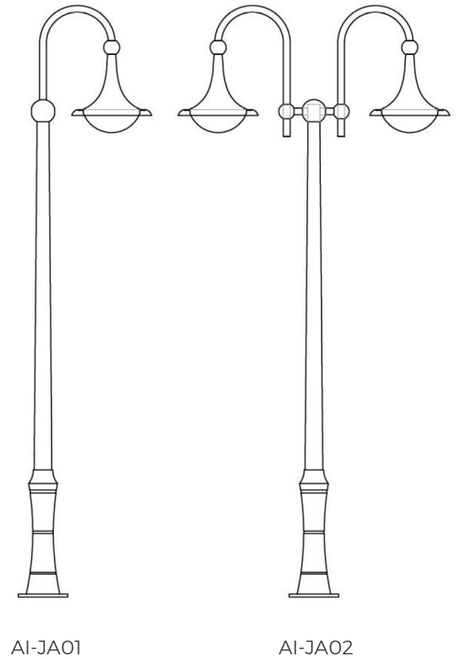


▪ Parameter

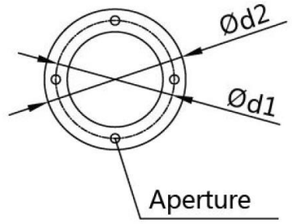
Item	Max OD (mm)	Wall Thickness (mm)	Height (m)	Top OD (mm)	Bottom OD (mm)	Base Plate (mm)		
			H	D1	D2	d1	d2	Aperture
AI-LK	183	4.1	10.0≤H≤12.0	60	183	260	310	24x34

European Style Series

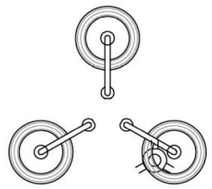




AI-JA01 AI-JA02 AI-JA03



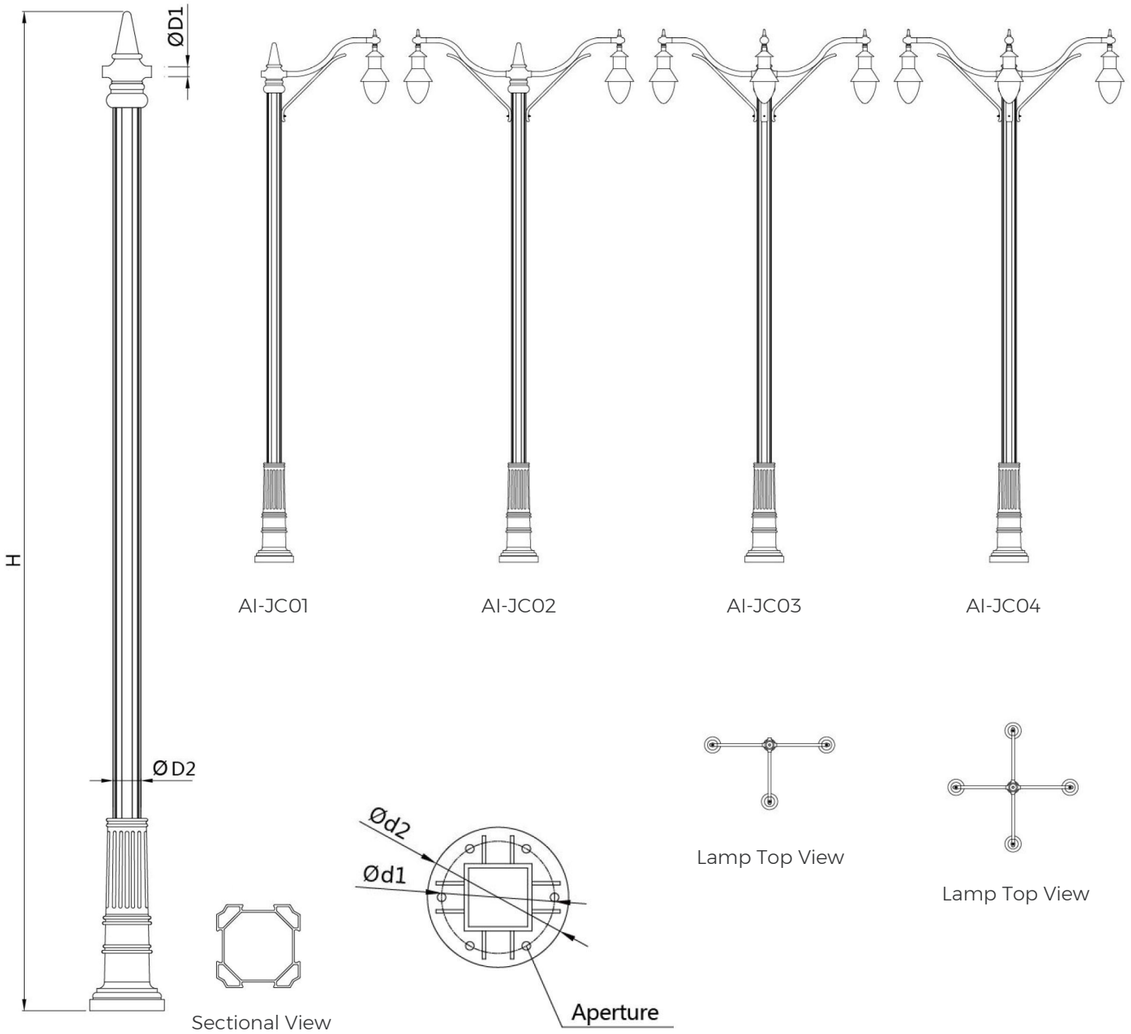
Lamp Top View



▪ Parameter

Item	Max OD (mm)	Wall Thickness (mm)	Height (m)	Top OD (mm)	Bottom OD (mm)	Base Plate (mm)		
			H	D1	D2	d1	d2	Aperture
AI-JA	100	3.0	2.5≤H≤4.0	76	100	260	310	Φ22

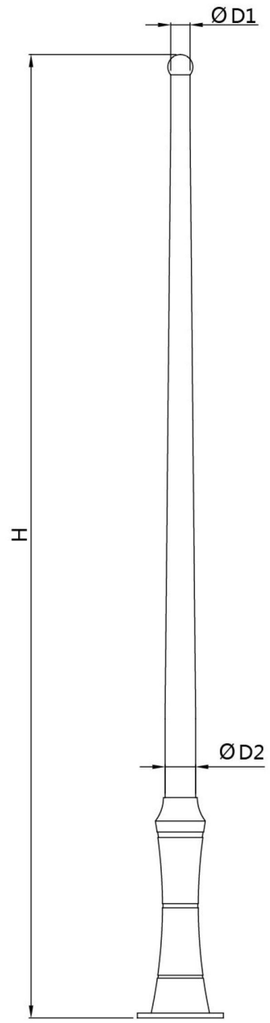
European Style Series

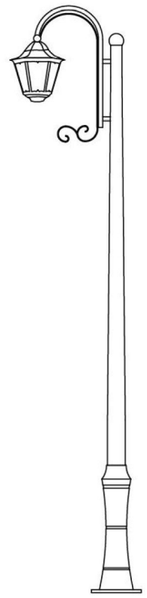


▪ Parameter

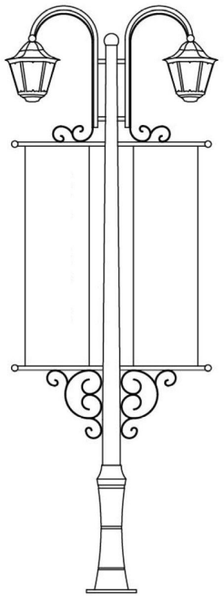
Item	Max OD (mm)	Wall Thickness (mm)	Height (m)	Top OD (mm)	Bottom OD (mm)	Base Plate (mm)		
			H	D1	D2	d1	d2	Aperture
AI-JC	216	5.0	8.0≤H≤10.0	60	216	320	400	Φ24

European Style Series

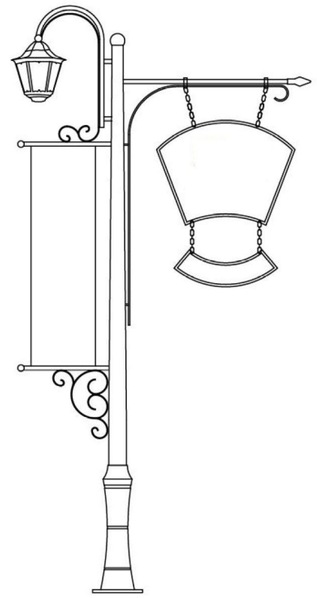




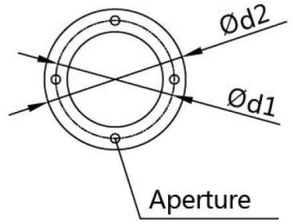
AI-JE01



AI-JE02



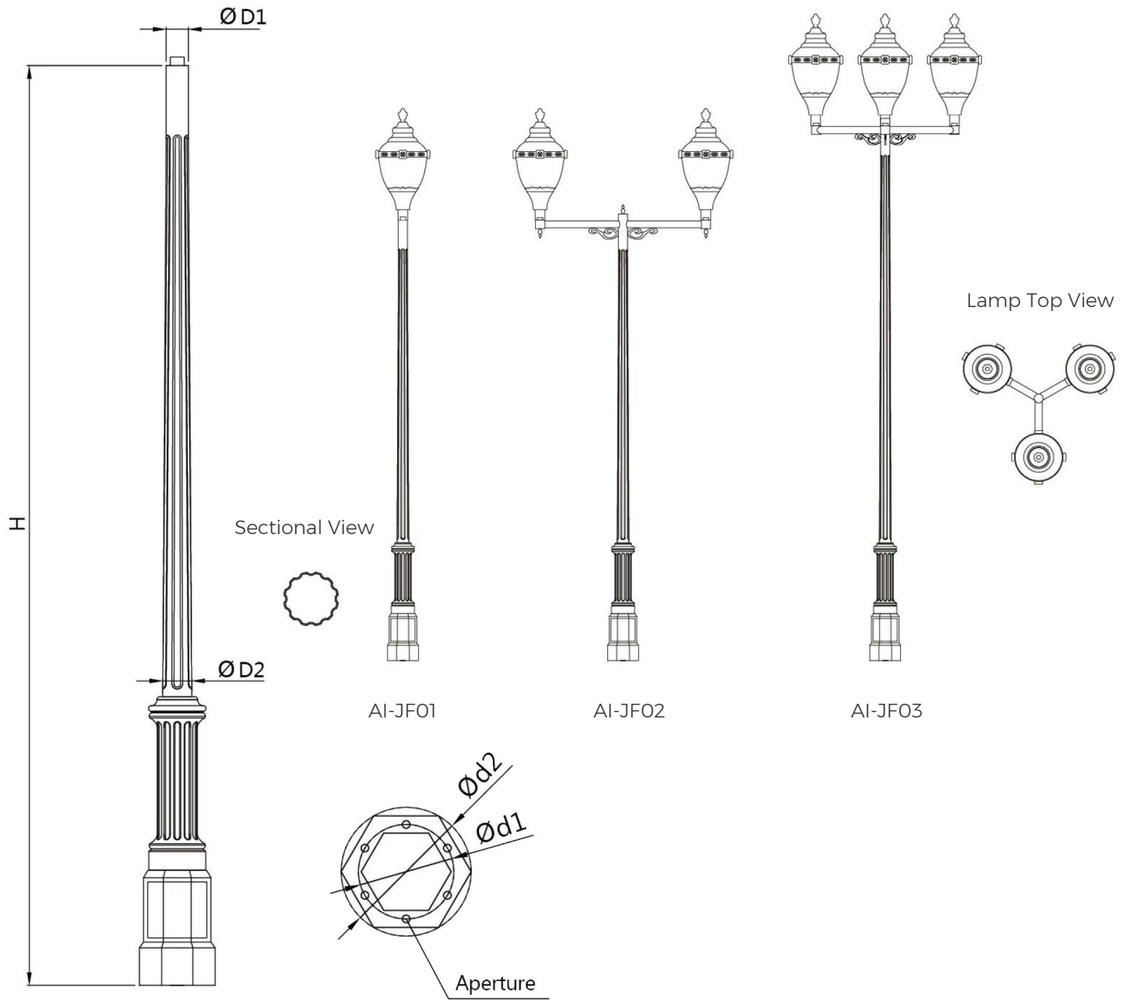
AI-JE03



▪ Parameter

Item	Max OD (mm)	Wall Thickness (mm)	Height (m)	Top OD (mm)	Bottom OD (mm)	Base Plate (mm)		
			H	D1	D2	d1	d2	Aperture
AI-JE	100	3.0	2.5≤H≤4.0	76	100	260	310	Φ22

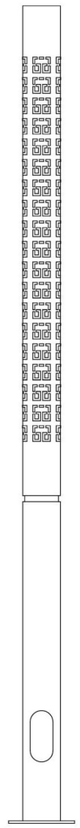
European Style Series

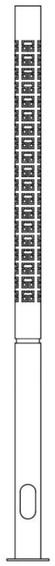


▪ Parameter

Item	Max OD (mm)	Wall Thickness (mm)	Height (m)	Top OD (mm)	Bottom OD (mm)	Base Plate (mm)		
			H	D1	D2	d1	d2	Aperture
AI-JF01	103	3.0	3.0≤H≤4.5	80	103	275	375	Φ22
AI-JF02								
AI-JF03	128		5.0≤H≤6.0		128			

Engraving Series

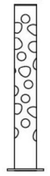




AI-GA01

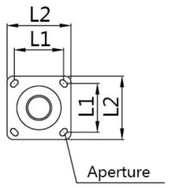
AI-GA02

AI-GA03



AI-GA04

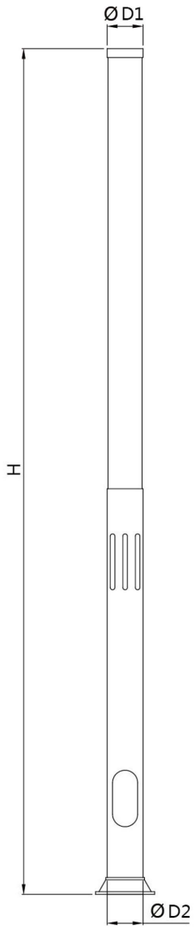
AI-GA05

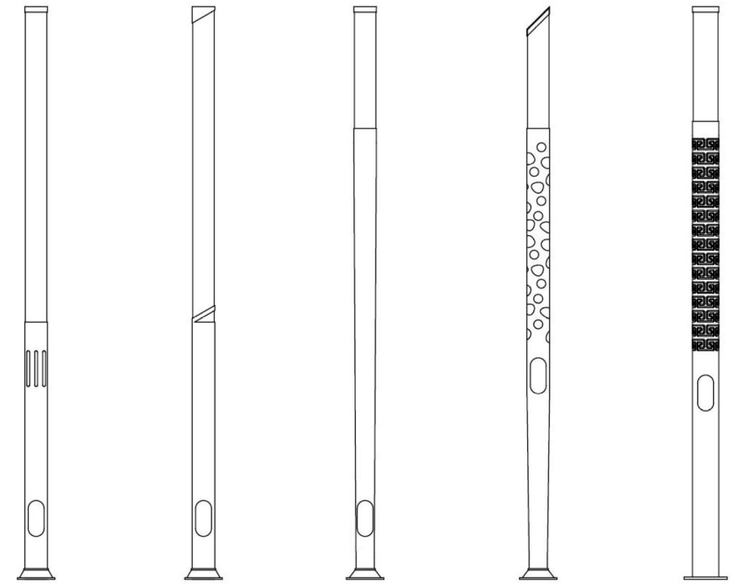


▪ Parameter

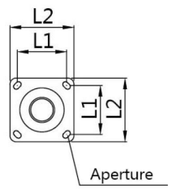
Item	Max OD (mm)	Wall Thickness (mm)	Height (m)	Top OD (mm)	Bottom OD (mm)	Base Plate (mm)		
			H	D1	D2	L1	L2	Aperture
AI-GA01	183	4.1	3.0≤H≤5.0	183	183	184	320	22x35
	210	5.0		210	210	205	350	
AI-GA02 AI-GA03	127	3.0	3.0≤H≤4.0	127	127	200	260	
	157			157	157			
AI-GA04	127		0.5≤H≤1.2	127	127			
	157			157	157			
AI-GA05	183	4.1	0.36	183	183	184	320	

Engraving Series





AI-GB01 AI-GB02 AI-GB03 AI-GB04 AI-GB05



▪ Parameter

Item	Max OD (mm)	Wall Thickness (mm)	Height (m)	Top OD (mm)	Bottom OD (mm)	Base Plate (mm)		
			H	D1	D2	L1	L2	Aperture
AI-GB01	127	3.0	3.0≤H≤4.0	127	127	200	260	22x35
AI-GB02	157			157	157			
AI-GB03	127			127	90			
AI-GB04	157			157	127			
AI-GB05	183	4.1		183	183	184	320	

Lawn Lamp Series

AI-CC

AI-CD

AI-CE

AI-CF

AI-CG

AI-CH

AI-CI

AI-CK

AI-CL

AI-CM

AI-CN

GLOBAL PROJECTS

EXPO 2010 SHANGHAI CHINA

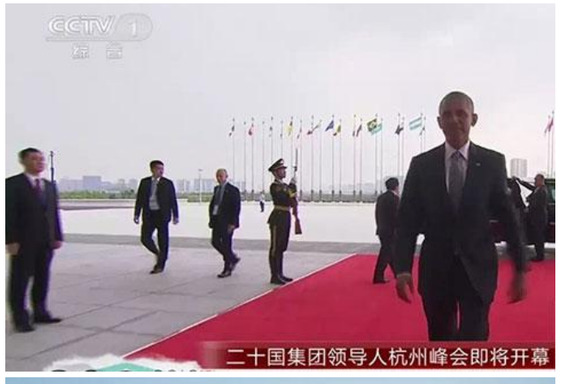
2010

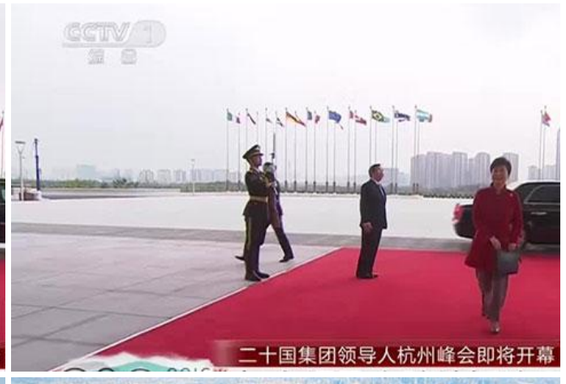
Expo Shanghai China

G20 2016 CHINA

2016

G20 Hangzhou Summit





2008 Beijing Summer Olympics

Boao Forum For Asia

Atlantis The Palm, Dubai

Laos National Convention Centre

The 2017 BRICS Xiamen Summit

The 2010 Singapore Youth Olympic Games

African Union Conference Center

Dalian Davos International Conference Center

Shenzhen 2011 Summer Universiade

The 9th China International Garden Expo

Ajman University in Dubai

Marina Beach Square UAE

Kuntai Royal Hotel Beijing

Ausotel Dayu Beijing

Oriental Bay International Hotel in Beijing

Beijing Jinhai International Business Hotel

Crowne Plaza Hotel Lake Malaren Shanghai

Intercontinental Shanghai Puxi Hotel

The Office of the GovHK in Beijing

Embassy of the Republic of Korea in China

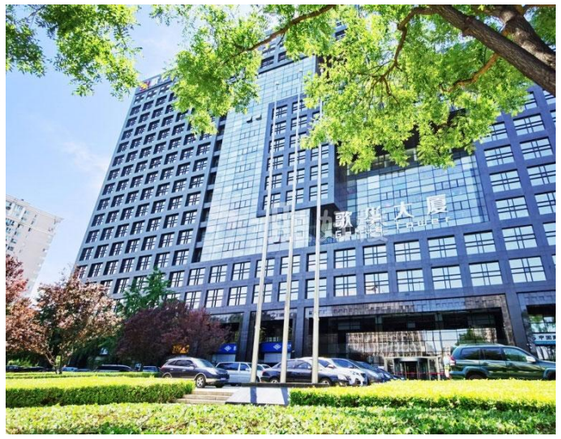
JW Marriott Hotel Beijing

The Westin Beijing Chaoyang

Beijing Supreme People's Court

Ministry of Human Resources and Social Security

China CYTS Tours Building in Beijing



Beijing Gehua Tower

Volvo Asia Pacific Headquarters

China Potevio Corporation Building in Beijing

The New Poly Plaza in Beijing

LG Twin Towers in Beijing

Beijing Singolym Technology Company

Advanced Business Park in Beijing

Beijing Capital International Airport

China National Offshore Oil Corporation in Beijing

Wuxi City Government Square

Beijing People's Education Press

Sinohydro Corporation in Beijing

China Electronics Plaza in Beijing

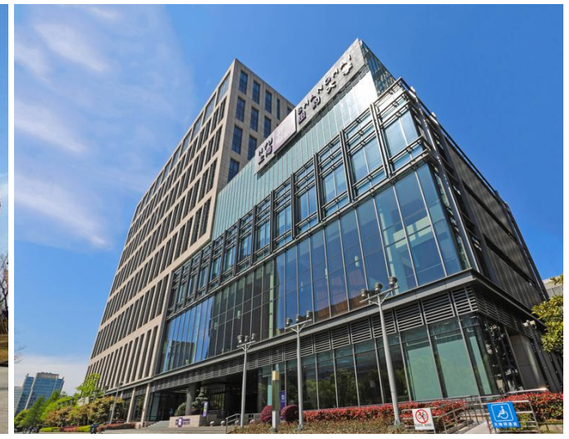
Xinjiang Asia-Europe Expo

Jiangsu Kunshan Stadium

China Mobile Communications Corporation

Capital Development Building in Beijing

Jiangsu Wuxi Chinawood



New York University Shanghai

TEDA Times Center in Beijing

Ningbo Hefeng Creative Plaza

Central University of Finance and Economics

Beijing Institute of Technology