



AMIRA
— *since 1991* —
ENGINEERING. MANUFACTURING. INSTALLATION
amira-industry.com



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Andrey Saramud
CEO of JSC AMIRA

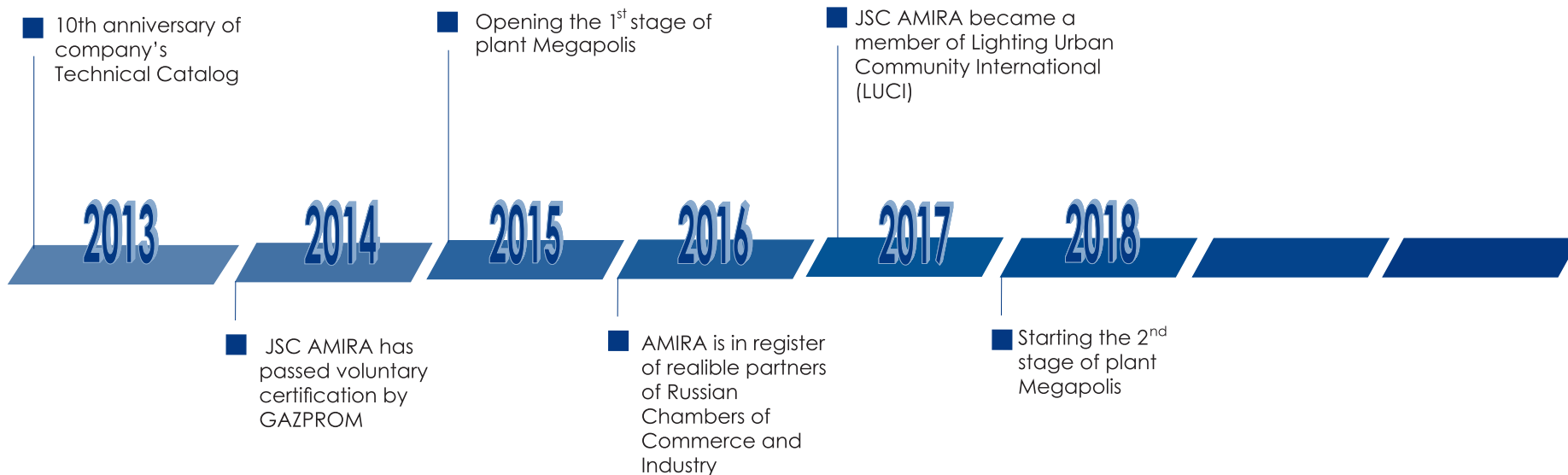
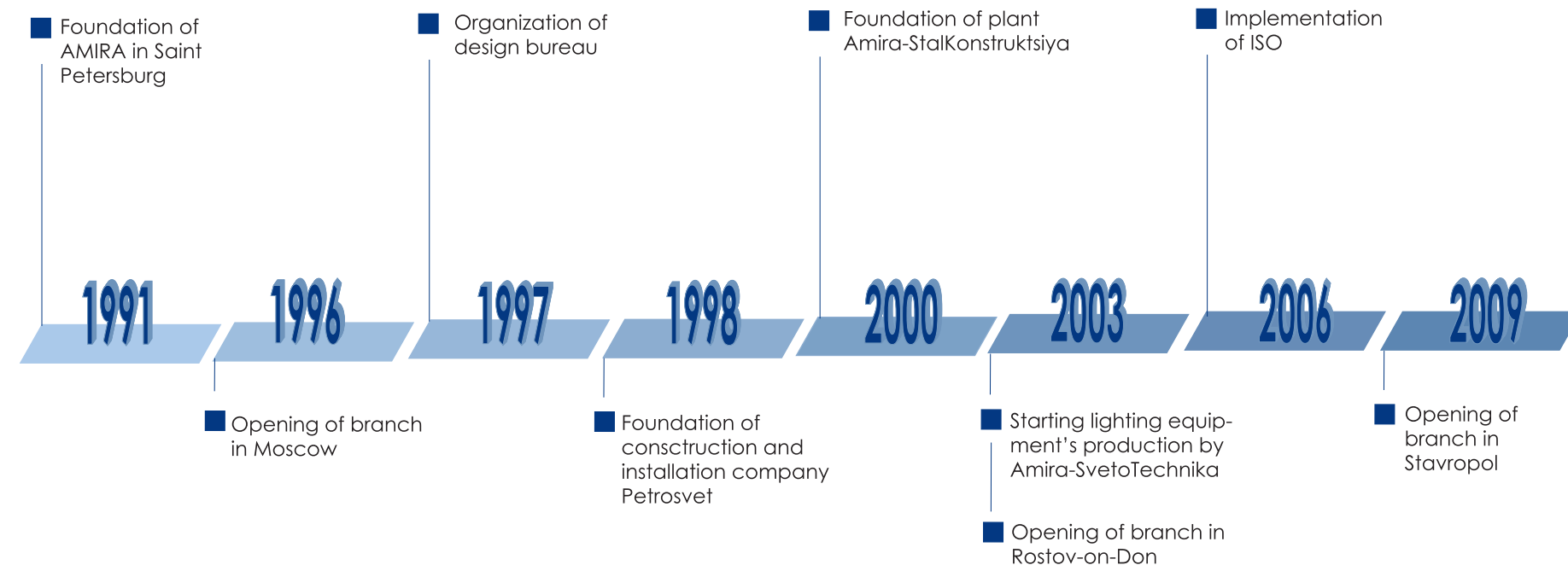
Dear friends!

Here you can find the information about the products manufactured by JSC AMIRA. Our product range includes supports and masts of illumination, fixtures and spotlights for external illumination, exclusive lighting complexes, autonomous lighting installations powered by solar and wind energy.

We are proud that we can provide the industry with reliable high-quality equipment which enhances the daily lives of millions of people. We are also proud to have been the industry leaders for more than 25 years and offer turnkey solutions to our clients.

Our industry experience helps us to execute major projects in the fields of highway and street illumination, airports and seaports, sports venues, and enterprises of oil, gas and energy complexes.

We constantly work on product improvements as to ensure that we keep satisfying the needs of our partners. In addition to the production of new equipment, our plants are also capable of conducting modifications work and tailor make existing models to the precise requirements of our clients. We are never put off from experimenting and developing new ideas and concepts.



ABOUT US



Production capacity of JSC AMIRA

■ **Amira-StalKonstruktsiya Ltd** (Saint-Petersburg, Russia) - metal structure plant. Its produces faceted lighting poles in height 3 up to 50 m. Capacity up to 30 000 pcs. per year. The steel thickness up to 8 mm.

■ **Amira-SvetoTechnika Ltd** (Saint-Petersburg, Russia) - lighting equipment plant. Its produces lamps and lighting equipment. Capacity up to 100 000 pcs. per year.

■ **Megapolis Ltd** (Leningrad region, Russia) - metal structure plant. Its produces lighting faceted and round poles in height 3 up to 105 m. Capacity up to 60 000 pcs. per year. The steel thickness up to 25mm.

■ **Petrosvet Ltd** (Saint Petersburg, Russia). Company specializing on design and installation of outdoor lighting systems and towers of overhead electric lines.

JSC AMIRA more over than 25 years are leading in the industry of projecting, engineering and installation of:

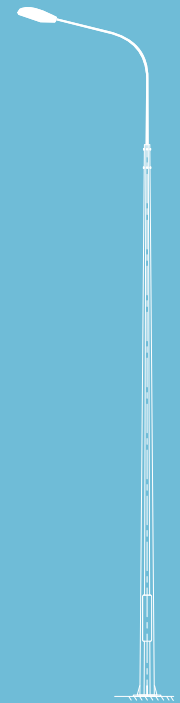
- **modern lighting systems** (lighting poles and masts, lamps and spotlights),
- lighting diverts,
- radio masts and cellular communication poles,
- flagpoles,
- towers of overhead electric lines
- etc.

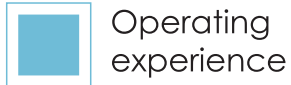
JSC AMIRA possesses an international Certificate of quality management system compliance with the regulations of the ISO standard 9001:2015.

JSC AMIRA is in the register of reliable partners for business of Russia and abroad of Russian Chamber of Commerce and Industry.



STREET LIGHTING





Operating
experience

Several objects realizing by JSC AMIRA:

Routs:

Rout M-4 "Don" (from Moscow to Krasnodar)
Rout M-8 "Cholmogory" (from Moscow to Archangelsk)
Rout M-10 "Russia" (from Moscow to Saint-Petersburg)
Rout M-5 "Ural" (from Moscow to Ekaterinburg)
Rout A-371 "Vladivostok" (from Vladivostok to Russian island)
Western high-speed diameter in Saint-Petersburg
Ring highway in Saint-Petersburg
Ring highway in Moscow
etc.

Bridges:

Bridge across the Oka river (Murom)
Bridge across the Irtysh river (Khanty Mansiysk, Ural)
Bridge across the Volga river (Ulyanowsk)
Bridge across the Angara river (Krasnoyarsk, Siberia)
Bridge across the Don river (Rostov-on-Don)
etc.

STREET LIGHTING

JSC AMIRA is one of the largest companies, specializing on projecting and manufacturing the lighting poles and lighting facilities for routes, streets and bridges.



Bridge across the Volga river
Russia

FACETED CONICAL POLES

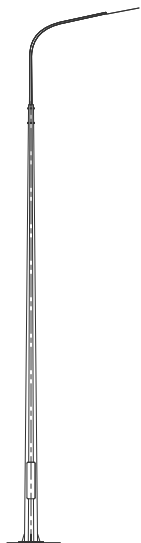
DESTINATION. STRUCTURE

Lighting of traffic avenues, traffic junctions, bridges, squares, yards, parks, parking areas, etc.

Poles are manufactured of steel sheets by bending with one longitudinal weld, they are protected from corrosion by hot galvanizing.

This type of coating is not decorative, but only functional.

Corrosion resistance warranty is at least 25 years. All the fasteners are galvanized.



ADVANTAGES

- Easy installation and maintenance
- Low weight and aesthetic appearance
- Long service life
- High corrosion resistance of the coating, including for marine climate
- The possibility of making the poles by individual parameters





The Bridge across the Irtysh river
Ural, Russia

MAIN CHARACTERISTICS

Height	3-16 m
Wind district	I - VII
Climatik version	II ² , II ⁴
Anticorrosion coating	Hot galvanizing



Khramtsov Anatoliy, Director of
"Electromagnetical" (Russia, Ural)

|| JSC AMIRA is our main partner in the most complex projects. Among them — the lighting of the bridge across the Irtysh river in Khanty-Mansiysk, lighting the main highways of Western Siberia. In addition, together we solve the "routine" tasks on the reconstruction of outdoor street and interior lighting of the cities of Khanty-Mansiysk, Tyumen, Tobolsk and other cities. High quality of products and professionalism of employees — that's the main thing that distinguishes brand "AMIRA" among other partners. Thanks to our joint work in Khanty-Mansiysk it became more comfortable and brighter. We hope for further successful cooperation".

ROUND CONICAL POLES

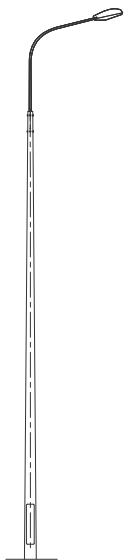
DESTINATION. STRUCTURE

Lighting of traffic avenues, traffic junctions, bridges, squares, yards, parks, parking areas, etc.

Poles are manufactured of steel sheets by bending with one longitudinal weld. They are round in cross section. The poles are protected from corrosion by hot galvanizing.

This type of coating is not decorative, but only functional.

Corrosion resistance warranty is at least 25 years. All the fasteners are galvanized.



ADVANTAGES

- Easy installation and maintenance
- Low weight and aesthetic appearance
- Long service life
- High corrosion resistance of the coating, including for marine climate
- The possibility of making the poles by individual parameters





The Boulevard ring
Moscow, Russia

MAIN CHARACTERISTICS

Height	3-16 m
Wind district	I - VII
Climatik version	II ² , II ⁴
Anticorrosion coating	Hot galvanizing



The Program
“My street”

“My street” - is a great project of development in modern history of Moscow. The main idea of the program becomes the creation of a comfortable environment and making Moscow more comfortable for citizens and guests of the City.

As part of the program more than 60 streets were reconstructed and get new lighting, many facades were renovated.

FACETED HEAVY DUTY POLES

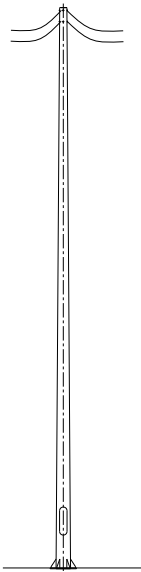
DESTINATION. STRUCTURE

Reinforced poles are intended for installation of lighting fixtures, flood lights, above-ground suspension of outdoor lighting cables: arrangement of low-voltage power transmission lines VL-0.4 kV.

Poles are manufactured of steel sheets by bending with one longitudinal weld. They

are round in cross section. The poles are protected from corrosion by hot galvanizing. This type of coating is not decorative, but only functional.

Corrosion resistance warranty is at least 25 years. All the fasteners are galvanized.



ADVANTAGES

- Easy installation and maintenance
- Low weight and aesthetic appearance
- Long service life
- High corrosion resistance of the coating, including for marine climate
- The possibility of making the poles by individual parameters





Route A155 «Cherkessk-Dombay»
Caucasus, Russia

MAIN CHARACTERISTICS

Height	9-13 m
Wind district	I - VII
Climatik version	II ² , II ⁴
Anticorrosion coating	Hot galvanizing



Ministry of Transport
of Rostov Region

“ “ Ministry of transport of Rostov region expresses its attitude to the employees of JSC AMIRA for long-term and fruitful cooperation in implementation of the program of electric lighting of highways.

All installed lighting poles by “AMIRA” meets the technical requirements, reliable, easy in operating and have positive feedback from operating and installation organizations”.

FACETED CONICAL HEAVY DUTY POLES OF THE OVERHEAD CONTACT NETWORK

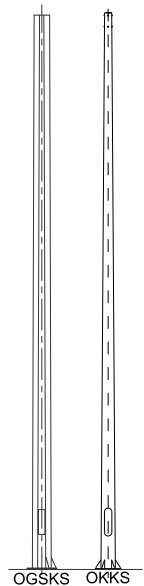
DESTINATION. STRUCTURE

For construction of the city electrical transport overhead contact system, as well as for functional lighting of motor roads and junctions.

Poles are manufactured of steel sheets by bending with one longitudinal weld. They are round in cross section. The poles are protected from

corrosion by hot galvanizing. This type of coating is not decorative, but only functional.

Corrosion resistance warranty is at least 25 years. All the fasteners are galvanized.



ADVANTAGES

- Easy installation and maintenance
- Low weight and aesthetic appearance
- Long service life
- High corrosion resistance of the coating, including for marine climate
- The possibility of making the poles by individual parameters





MAIN CHARACTERISTICS

Height	9-13 m
Wind district	I - VII
Climatik version	II ² , II ⁴
Anticorrosion coating	Hot galvanizing

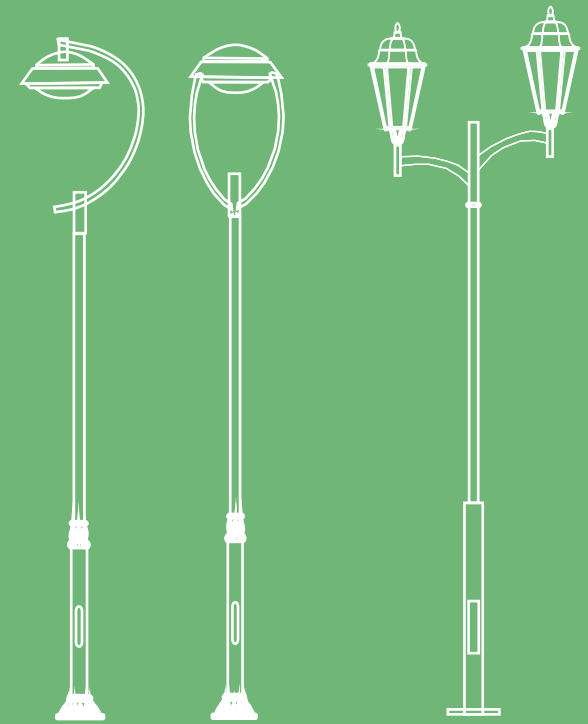


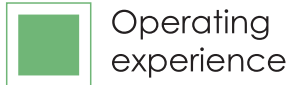
High speed tram line

It is the first high speed tram line in Saint-Petersburg which was built in cooperation of private investors and city government. For that project JSC AMIRA has projecting and manufacturing special faceted conical heavy duty poles. You can noticed that poles are designed looking like sheep's masts.

High speed tram line for trams by Stadler Rail AG (Swiss)
Saint-Petersburg, Russia

GARDEN & PARK LIGHTING





Operating
experience

Several objects realizing by JSC AMIRA:

Streets, boulevards, parks and squares:

Nevskiy prospect (Saint-Petersburg)

Ligovskiy prospect (Saint-Petersburg)

Griboyedov canal embankment (Saint-Petersburg)

Volga river embankment (Astrakhan)

Piear (Suhum, Abkhazia)

Gorky park (Moscow)

Aleksandrowsky garden (Saint-Petersburg)

Public garden (Ivanovo)

Heroes alley (Orenburg region)

Boulevard ring (Moscow)

Boulevard "Festivalny" (Kazan)

Skolkovo (Moscow)

etc.

GARDEN AND PARK LIGHTING

JSC AMIRA can suggest large assortment of decorative poles for functional and decorative lighting of parks, embankments, boulevards, squares and alleys.



Boulevard Festivalny, Kazan (Russia)
This boulevard was reconstructed specially for
FIFA World Cup Russia 2018

DECORATIVE POLES

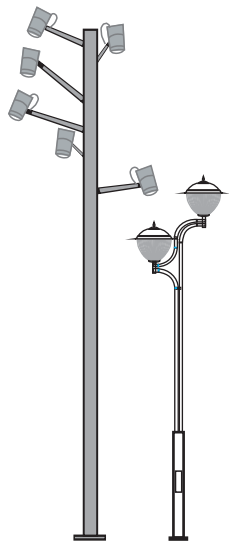
DESTINATION. STRUCTURE

Functional and decorative lighting of parks, embankments, alleys, boulevards, public gardens, cottage villages, squares, pedestrian areas, etc.

Poles are manufactured of steel sheets by bending with one longitudinal weld. They are round in cross section. The

poles are protected from corrosion by hot galvanizing. This type of coating is not decorative, but only functional. The poles has a lacquer coating.

Corrosion resistance warranty is at least 25 years. All the fasteners are galvanized.



ADVANTAGES

- Easy installation and maintenance
- Low weight and aesthetic appearance
- Long service life
- High corrosion resistance of the coating, including for marine climate
- The possibility of making the poles by individual parameters





Innovative complex SKOLKOVO
Moscow, Russia

MAIN CHARACTERISTICS

Height	3 - 6 m
Wind district	I - VII
Climatik version	II ² , II ⁴
Anticorrosion coating	Hot galvanizing



In addition to mass production, a full range of services company AMIRA, allows the group to offer customers modifications to existing models for their individual needs, and to develop, if necessary, exclusive technical solutions. For example, for lighting an innovative complex in SKOLKOVO 70 unique tree like poles were used. Each pole was developed in design bureau of JSC AMIRA.

LIGHTING COMPLEXES

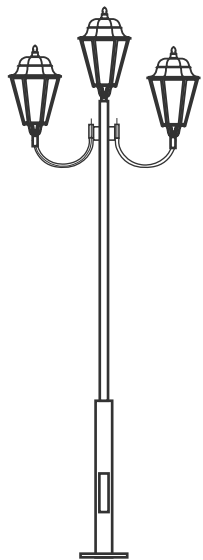
DESTINATION. STRUCTURE

Decorative lighting complex used for decorative street lighting of parks, public gardens, boulevards, alleys, squares, embankments, pedestrian areas, etc.

The pole is treated by the hot galvanizing method from outside and from inside, which ensures a long service life of

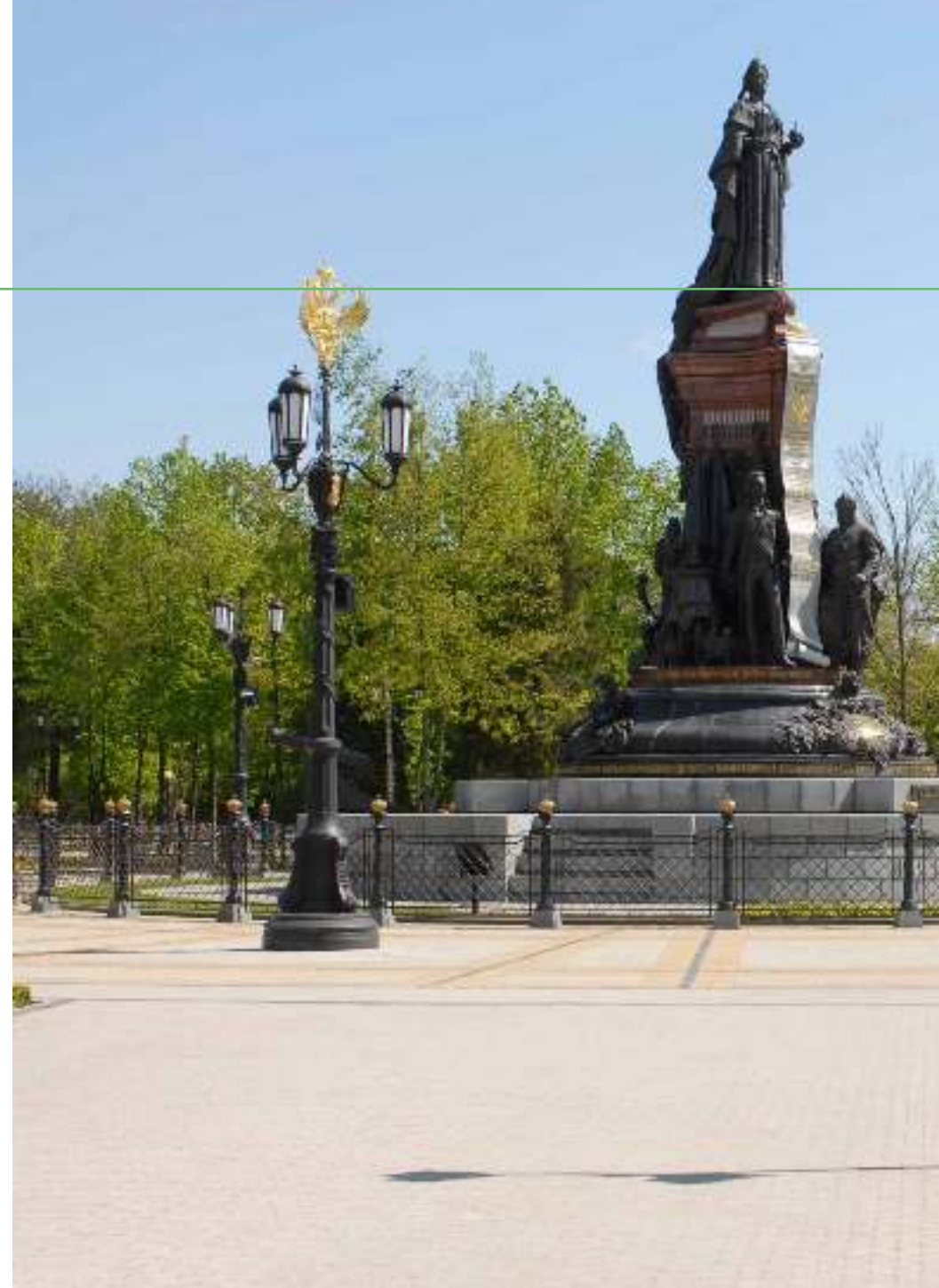
the complex. This type of coating is not decorative, but only functional.

Corrosion resistance warranty is at least 25 years. All the fasteners are galvanized.



ADVANTAGES

- Easy installation and maintenance
- Low weight and aesthetic appearance
- The possibility of installation of any standing lighting fixture
- Long service life
- High corrosion resistance of the coating, including for marine climate
- The possibility of making the poles by individual parameters





Catherine public gardens
Krasnodar, Russia

MAIN CHARACTERISTICS

Height	3 - 4,5 m
Wind district	I - VII
Climatik version	II ² , II ⁴
Anticorrosion coating	Hot galvanizing



Some types of decorative lighting complexes



REFLECTED LIGHTING COMPLEX

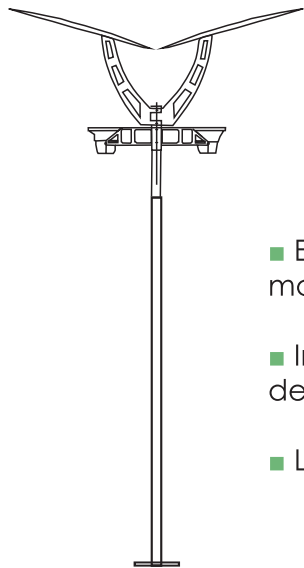
DESTINATION. STRUCTURE

Functional and decorative lighting of mini-parks, parks, boulevards, pedestrian areas, etc.

Poles are manufactured of steel sheets by bending with one longitudinal weld. They are round in cross section. The poles are protected from corrosion by hot galvanizing.

This type of coating is not decorative, but only functional.

Corrosion resistance warranty is at least 25 years. All the fasteners are galvanized.



ADVANTAGES

- Easy installation and maintenance
- Individual modern design
- Long service life
- High corrosion resistance of the coating, including for marine climate
- The possibility of making the poles by individual parameters

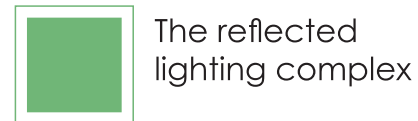




Gorky park
Moscow

MAIN CHARACTERISTICS

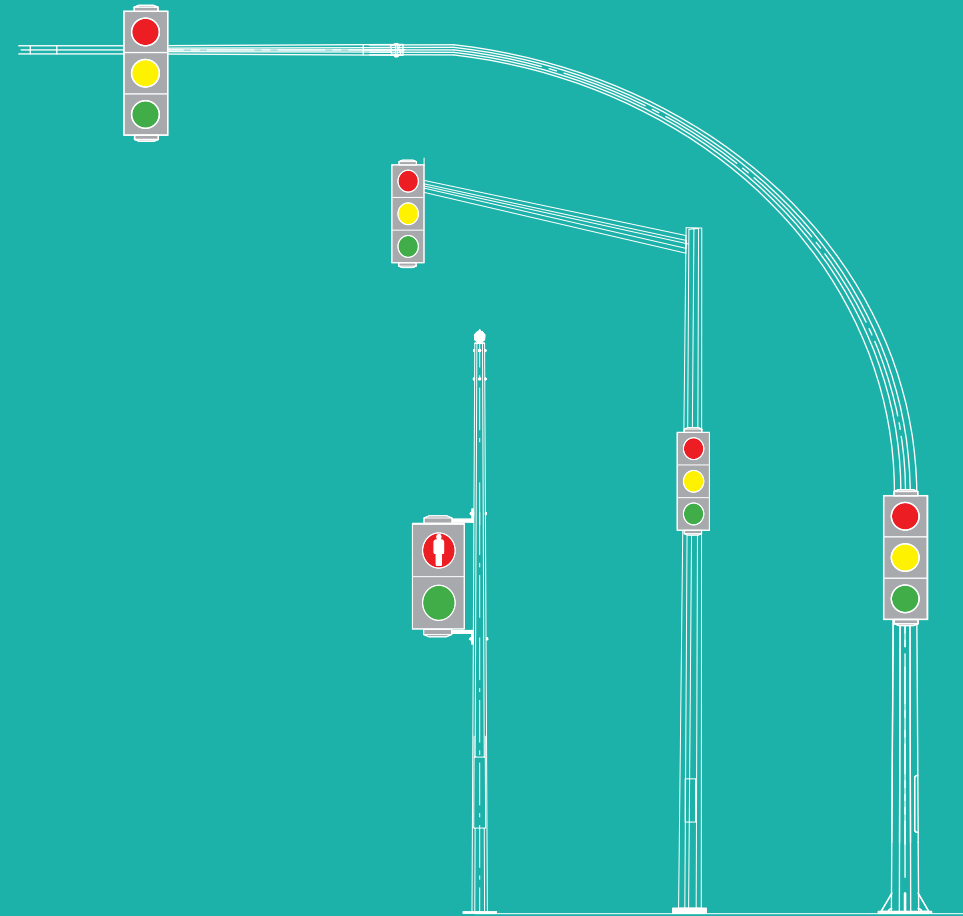
Height	4 -6 m
Wind district	I - VII
Climatik version	II ₂ , II ₄
Anticorrosion coating	Hot galvanizing

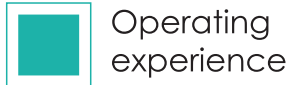


The reflected
lighting complex

The modern complex of the reflected light (KOS) with a decorative reflector and a searchlight allows to create a unique perception of the lighting area of parks, alleys, embankments, gardens, playgrounds, Parking and recreation, cottage villages, shopping and entertainment centers. High efficiency of light flux distribution with low power consumption, a variety of options for the height and power of lighting devices-spotlights

TRANSPORT INFRASTRUCTURE





Operating
experience

Several objects realizing by JSC AMIRA:

International airports in:

Moscow "Sheremetyevo", "Vnukovo", Domodedovo"

Saint-Petersburg "Pulkovo"

Ekaterinburg "Koltsovo"

Rostov-on-Don "Platov" (was build specially for FIFA World Cup Russia 2018)

Adler "Sochi" (was reconstructed for XXII Winter Olympic Games in Russia 2014)

Chukotka «Anadyr»

Kuril Islands «Iturup»

Cosmodrome «Vostochny»

See passenger port in Saint-Petersburg «Marine Facade»

Seaport in Azov

Seaport «Hazar» in Turkmeniya

Traffic signal poles by AMIRA installing in Surgut, Kazan, Novorossiysk, etc.

LIGHTING OF TRANSPORT INFRASTRUCTURE

Design bureau by JSC AMIRA develops lighting complexes which includes not only traffic signal poles but lighting fixtures for safety pedestrian crossings.

You can see branding high masts, lighting poles and lighting fixtures at many Russian airports, seaports and train stations.



International airport
Sochi, Russia

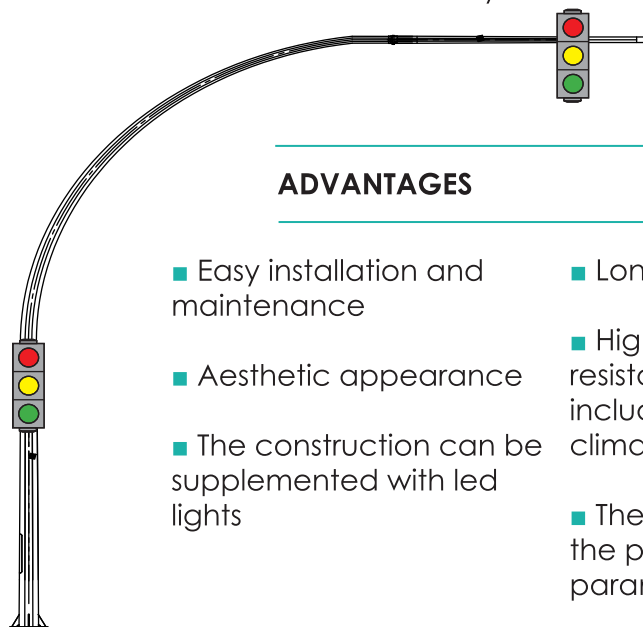
TRAFFIC SIGNAL POLES

DESTINATION. STRUCTURE

For installation of flash equipment and information traffic signs in the streets and main roads. Poles have both standard execution, rated for regular operating conditions, and individual execution, with account of special climatic conditions and order requirements.

Poles for flash equipment are made on the basis of faceted

conic lighting poles. They are manufactured of sheet steel by the bending method with one longitudinal weld seam, protected from corrosion by the hot galvanizing method. This type of coating is not decorative and is of extremely functional nature. The guarantee for corrosion resistance makes at least 25 years.



ADVANTAGES

- Easy installation and maintenance
- Aesthetic appearance
- The construction can be supplemented with led lights
- Long service life
- High corrosion resistance of the coating, including for marine climate
- The possibility of making the poles by individual parameters





Traffic signal pole on Pushkin street
Kazan, Russia

MAIN CHARACTERISTICS

Height	6 - 8 m
The flight console	3,5 - 11 m
Wind district	I - VII
Climatik version	II ₂ , II ₄
Anticorrosion coating	Hot galvanizing

 Experimental pedestrian crossing in Kazan, Russia

New project of pedestrian crossing was invented by Deputy chief architect in Kazan. The project includes unique bent traffic signal pole and lighting fixtures which illuminate the pedestrian crossing when people start to move on it. Never before poles for lighting equipment have been made bent. Construction bureau by JSC AMIRA has constructed the pole consisting of only one section without any additional details. Megapolis Ltd has produced this unique pole.

MULTI FUNCTIONAL LIGHTING COMPLEX BASED ON HIGH MAST WITH MOBILE CROWN

DESTINATION. STRUCTURE

Multi functional lighting complex is designed to solve the problems of lighting of objects of different heights. Its good for lighting industrial areas and open spaces, airports, seaports, etc. The complex consist of high mast with mobile crown and - lighting protector. The poles are protected from corrosion

by hot galvanizing. This type of coating is not decorative, but only functional.

Corrosion resistance warranty is at least 25 years. All the fasteners are galvanized.



ADVANTAGES

- Easy installation and maintenance
- No special equipment is required for maintenance
- Long service life and safe maintenance
- High corrosion resistance of the coating, including for marine climate
- The possibility of making the poles by individual parameters





MAIN CHARACTERISTICS

Height	14 - 80 m
Wind district	I - VII
Climatik version	II ² , II ⁴
Anticorrosion coating	Hot galvanizing

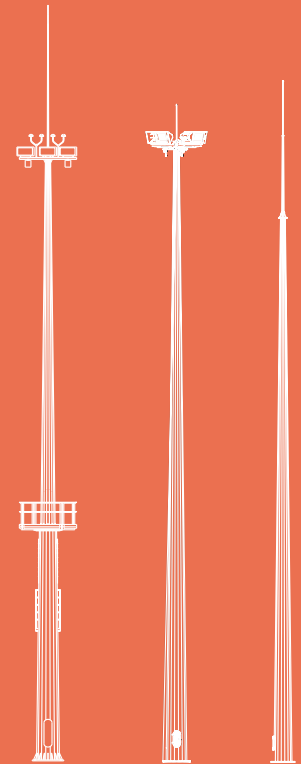


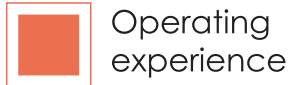
Multi functional complexes

The idea of creating a combined complexes came to specialists of design bureau of JSC AMIRA when they did projects that require lighting at different levels. As a rule, objects for lighting were difficult to install so our customers wanted to use a minimum of designs. So we have created one combined high mast pole that can be equipped with lamps for lighting space at different levels and which is served without special equipment (due to the mobil crown).

Airport of Nizhnewartowsk
Russia

INDUSTRIAL LIGHTING & LIGHTING OF OPEN SPACE





Operating
experience

Products by JSC AMIRA have been installed on:

Gas-pipe «Nord Stream» and «Russia-Turkey», Gazprom (Russia)
Thermokarst field in Yamalo Nenets Autonomous district (Russia)
Afipsky refinery and Ilinsky refinery (Krasnodarsky region, Russia)
Omsky refinery (Siberia, Russia)
Atyrau refinery (Kazakhstan)

Yarudeyskoye field (Arctic zone, Russia)
The pir «Udachny» (Yakutia, Russia)
Verkhne-Munskoye field (Yakutia, Russia)

Compressor station «Baydaratzkaya» (Gazprom, Russia)
Compressor station «Sheksninskaya» (Gazprom, Russia)

Oil pumping station JSC KazTransOil (Kazakhstan)
Main gas pipeline «Power of Siberia» (Gazprom)

Fuel-filling complex in Pulkovo airport (Saint-Petersburg, Russia)

etc.

INDUSTRIAL LIGHTING AND LIGHTING OF OPEN SPACE

JSC AMIRA have been projecting, manufacturing and installing lighting equipment on industrial facilities, including oil and gas industry as well as open areas.



Oil pump station of JSC «KazTransOil»
Kazakhstan

FACETED LIGHTING PROTECTORS

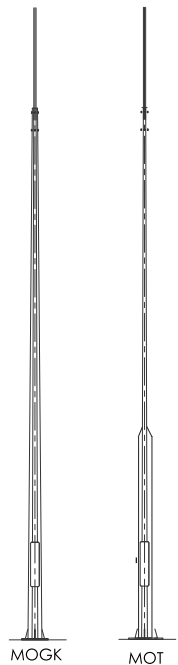
DESTINATION. STRUCTURE

For saving buildings from thunderbolts.

The poles are manufactured on base of faceted conical poles and roud conical poles. They are protected from corrosion by hot galvanizing .

This type of coating is not decorative, but only functional.

Corrosion resistance warranty is 25 years.



ADVANTAGES

- Easy installation and maintenance
- High corrosion resistance of the coating, including for marine climate
- Long service life
- The possibility of combining with light fittings





Thermokarst oil and gas field
The Arctic zone, Russia

MAIN CHARACTERISTICS

Height	5 - 90 m
Wind district	I - VII
Climatik version	II ² , II ⁴
Anticorrosion coating	Hot galvanizing



Operating experience

J SC AMIRA manufactures the lighting protectors for different objectives: protection of industrial plant and stations, buildings, gas stations and so on.

At present, the highest lighting protector which was manufactured by AMIRA is 90-meters! It is installed in the Tyumen region.

HIGH MASTS WITH STATIONARY CROWN

DESTINATION. STRUCTURE

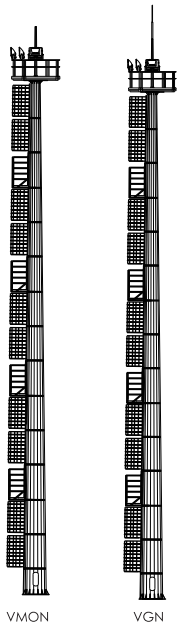
Lighting of vast areas, squares, airports, ports, railway stations (marshalling yards), car parking areas, industrial territories.

Poles are manufactured of steel sheets by bending with one, two or three longitudinal welds, they are protected from corrosion by hot galvanizing.

This type of coating is not decorative, but only functional.

Corrosion resistance warranty is 25 years.

Following customer's request paint-and-varnish coating is available.



ADVANTAGES

- Easy installation and maintenance
- Large selection of areas for installation of lighting equipment
- Long service life
- No special equipment is required for maintenance of lighting fixtures
- High corrosion resistance of the coating, including for marine climate





photo by YamalGazInvest

MAIN CHARACTERISTICS

Height	11-58 m
The load on the service platform	up to 600 kilos
Wind district	I - VII
Climatik version	II2, II4
Anticorrosion coating	Hot galvanizing



Operating experience

The equipment of JSC AMIRA is successfully operated at compressor stations of gas pipelines: Nord stream, Russia-Turkey, Bovanenkovo-Ukhta, at gas production, gas transportation and gas distribution enterprises and other facilities of JSC Gazprom.

Compressor station Baydaratskaya
The Nord Stream, Gazprom, Russia

HIGH MASTS WITH MOBILE CROWN

DESTINATION. STRUCTURE

Lighting of vast areas, industrial territories, with limited access for servicing, warehouses, airports and seaports, ski slopes and sport facilities.

Poles are manufactured of steel sheets by bending with one, two or three longitudinal welds, they are protected from corrosion by hot

galvanizing. This type of coating is not decorative, but only functional.

Corrosion resistance warranty is 25 years.

Following customer's request paint-and-varnish coating is available.



ADVANTAGES

- Easy installation and maintenance
- Low weight and aesthetic appearance
- Long service life
- High corrosion resistance of the coating, including for marine climate
- The possibility of making the poles by individual parameters





Oil pump station of JSC "KazTransOil
Republic of Kazakhstan

MAIN CHARACTERISTICS

Height	14-50 m
Wind district	I - VII
Climatik version	II ² , II ⁴
Anticorrosion coating	Hot galvanizing



Operating
experience

The equipment of JSC AMIRA is successfully operated at compressor stations of gas pipelines: Nord stream, Russia-Turkey, Bovanenkovo-Ukhta, at gas production, gas transportation and gas distribution enterprises and other facilities of JSC Gazprom.

MOBILE LIGHTING UNIT FOR EMERGENCY WORK

DESTINATION. STRUCTURE

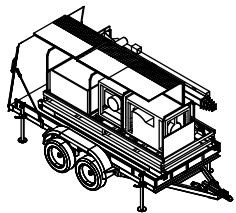
Lighting of workplace during rescue operations, construction and other types of work

Standart unit consist of a trailer with wheels, a diesel generator, a telescopic mast, with winches, led lamps, a protective metal casing.

All components are protected from corrosion by hot galvanizing.

Corrosion resistance warranty is 25 years.

The design can be supplemented depending on the customer's wishes



ADVANTAGES

- It can be used at any time of the year both in unheated rooms and outdoor
- Long-term work in offline mode
- Long service life
- High corrosion resistance of the coating, including for marine climate
- The possibility of making unit based on customer wishes





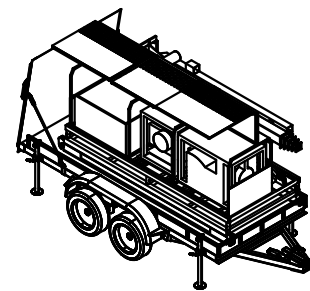
**Mobile lighting unit
with placement on trailer**

MAIN CHARACTERISTICS

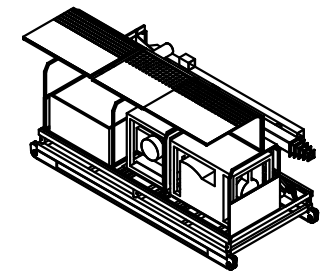
Overall dimensions	4691 x 2110 x 2347 mm
Height of telescopic mast	9 - 12 m
Power of power sources	5 - 11 kW
Illuminated area	1 500 - 2 500 sq.m
Average illumination	> 40 lx
The average time for deployment	15 min



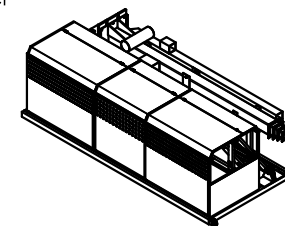
The types of the kit supplies
multifunctional unit



with placement on trailer

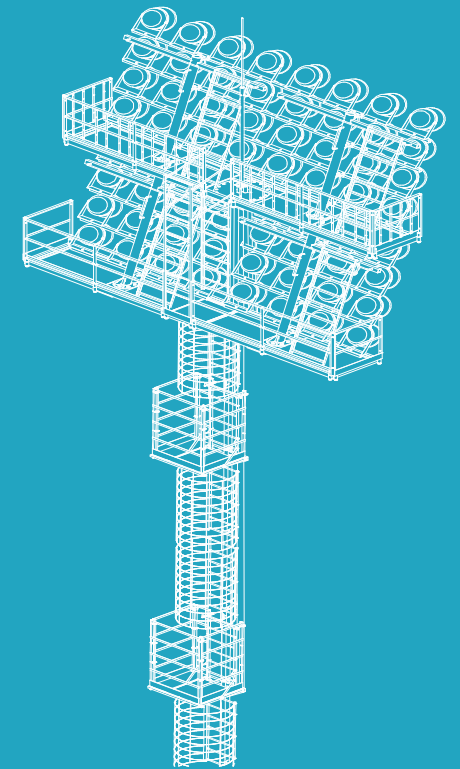


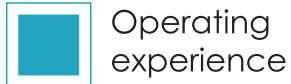
with accommodation on a
sledge-drag harrows



with placement
on the cradle

LIGHTING OF SPORTS FACILITIES





Operating
experience

Products by JSC AMIRA are installing on

Manja International Circuit (Amman, Jordan)
«Moscow Raceway» (the circuit for Formula 1, Superbike and DTM)

Stadiums:

«Saint-Petersburg Arena» for FIFA Confederations Cup Russia 2017
and FIFA World Cup Russia 2018 (Saint-Petersburg, Russia)
«Rostov Arena» and «Ahmat Arena» for FIFA World Cup Russia
2018 (Rostov-on-Don and Grozny, Russia)

“Rosa Khutor” ski resort (Olympic Sochi 2014, Russia)
Biatlon center «Raubichi» (Minsk region, Belarus)
Center of winter sports «Perk of Siberia» (Tumen region, Russia)
Ski complex (Sakhalin, Russia)
Ski complex «Tubing park» (Moscow region, Russia)

Training field of the football team «Dynamo» (Moscow, Russia)
Training field of the football team «Zenit» (Saint-Petersburg, Russia)

etc.

LIGHTING OF SPORTS FACILITIES

JSC AMIRA has equipped hundreds of objects with lighting equipment including facilities of XXII Winter Olympic Games in Russia (2014) and FIFA World Cup Russia 2018.



Stadium “Saint-Petersburg Arena”
Saint-Petersburg, Russia

STADIUM HIGH MASTS WITH STATIONARY CROWN

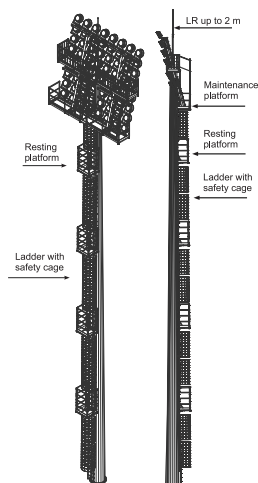
DESTINATION. STRUCTURE

Lighting of sports facilities, stadiums, ski slopes, playgrounds, vast open areas etc.

Poles are manufactured of steel sheets by bending with one, two or three longitudinal welds, they are protected from corrosion by hot galvanizing. The pole consists on two or

more sections for installation of lighting equipment. There are three types of pole: with stairs and fence, with stairs and safety cable, without stairs.

Corrosion resistance warranty is 25 years.



ADVANTAGES

- Easy installation and maintenance
- Large selection of areas for installation of lighting equipment.
- Long service life
- High corrosion resistance of the coating, including for marine climate
- No special equipment is required for maintenance





Biathlon center "Raubichi"
Belarus

MAIN CHARACTERISTICS

Height	16 - 60 m
Number of floodlights	8 - 70 pcs
Wind district	I - VII
Climatik version	II ₂ , II ₄
Anticorrosion coating	Hot galvanizing



Operating experience

The production by AMIRA are supplied at the facilities built and reconstructed to XXII Winter Olympic Games in Russia (2014), FIFA Confederations Cup Russia (2017) and FIFA World Cup Russia (2018)

FACETED CONICAL FOLDING POLES

DESTINATION. STRUCTURE

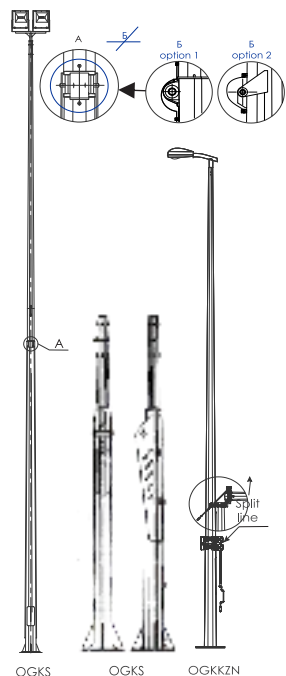
Installation in areas which are difficult to access for installation and maintenance of lighting playgrounds, pedestrian areas, alleys, parks etc.

The pole consists of two parts connected by a power lock. A special tool is using for overturning. The weight of tool allows you to carry it

manually.

Poles are manufactured of steel sheets by bending with one, two or three longitudinal welds, they are protected from corrosion by hot galvanizing.

Corrosion resistance warranty is 25 years.



ADVANTAGES

- Easy installation and maintenance
- Possibility of safe maintenance of lighting devices without the use of special equipment
- Long service life
- High corrosion resistance of the coating, including for marine climate
- The possibility of painting in any color on the table RAL





Ski complex
Vologda, Russia

MAIN CHARACTERISTICS

Height of OGKKZN	3 - 8 m
Height of OGKS	6 - 25 m
Wind district	I - VII
Climatik version	II ₂ , II ₄
Anticorrosion coating	Hot galvanizing



Many ski slopes are equipped by AMIRA's faceted conical folding poles. In Russia JSC AMIRA was first to propose the use of such lighting poles. They are comfortable and safe for use and maintenance of lighting devices without the use of special equipment.

FLAGPOLES

DESTINATION. STRUCTURE

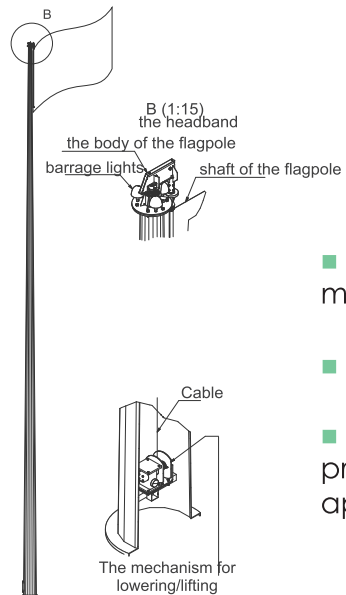
Flagpole is intended for demonstration of flags, standards and insignia to attract attention to the status of the object, event or celebration.

Flagpoles are manufactured with height up to 105 meters. Inside the flagpole is vandal-proof mechanism for lowering/lifting the flag. The

cable inside the mechanism is closed from environmental influences.

The flagpoles with height up to 12 meters consists of one section; up to 15 meters consists of two or more sections.

Corrosion resistance warranty is 25 years.



ADVANTAGES

- Easy installation and maintenance
- Long service life
- Modern design
- Anti-vandal hidden inside the support mechanism of the lowering/lifting
- Preservation of presentable appearance





The highest flagpole of North-West of Russia
Megapolis Ltd, Leningrad region, Russia

MAIN CHARACTERISTICS

Height	6 - 105 m
Type	faceted, round, conical
Wind district	I - VII
Climatik version	II ₂ , II ₄
Anticorrosion coating	Hot galvanizing



Operating experience

One of the first product which was manufactured by new plant of JSC AMIRA - Megapolis Ltd. It is the highest flagpole in the North-West of Russia. It has been installed on the territory of the plant. The height of pole is 50 meters. JSC AMIRA has tested the technology of assembly and installation of such a high structure. At present the company work on installation of poles with height up to 105 meters!

RADIO MASTS. CELLULAR COMMUNICATION POLE

DESTINATION. STRUCTURE

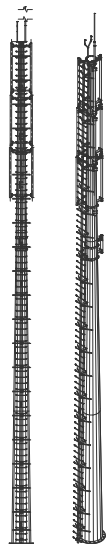
That type of poles are designed for installation of radio repeaters for various purposes to provide stable coverage and antennas, in particular PPC, panel antennas WSDMA, GSM

The poles can be manufactured in tower version and mast version
For laying and fastening of

antenna cables in the construction a cable channel is provided in the form of strips attached on one side to the stairs.

All construction is protected from corrosion by hot galvanizing.

Corrosion resistance warranty is 25 years.



ADVANTAGES

- Easy installation and maintenance
- Small dimensions of the foundation
- The installation doesn't require additional fixing stretch marks
- The installation in populated areas
- Long service life
- Compact and aesthetic design



Cellular pole of Megafon
Valaam Iceland, Russia



Cellular pole of Akvafon
Abrkhaziya

MAIN CHARACTERISTICS

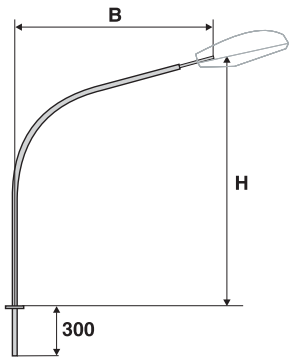
Height	16 - 50 m
The type	tower version, mast version
Wind district	I - VII
Climatik version	II ₂ , II ₄
Anticorrosion coating	Hot galvanizing



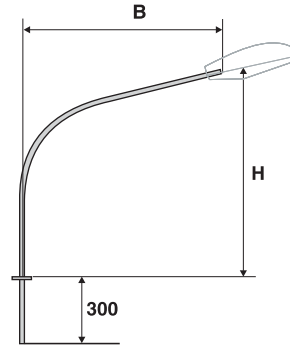
The advantages
of the masts

Minimum land allocation requirements for the installation of faceted high-mast poles allow mobile operators to place base stations among the buildings of residential areas and other limited spaces.

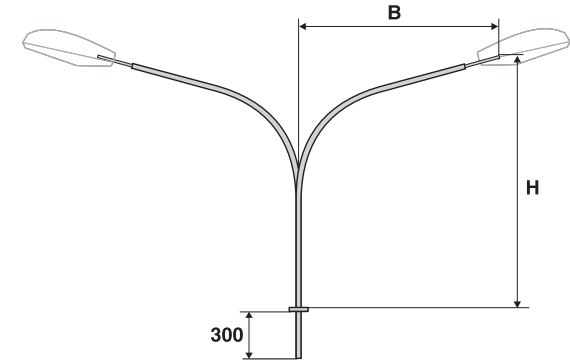
BRACKETS



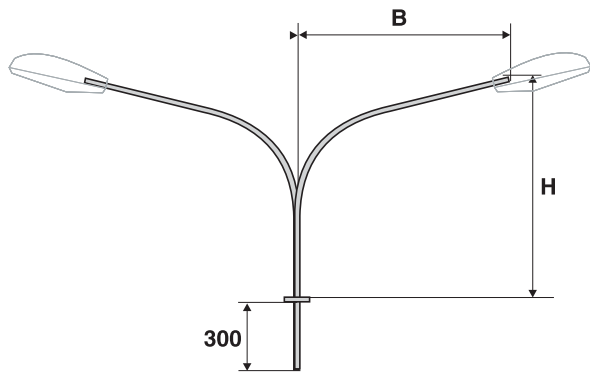
K1 H-B-C-X



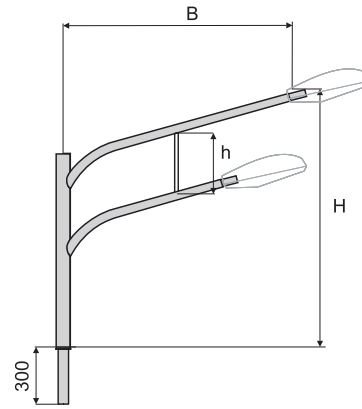
K2 H-B-C-X



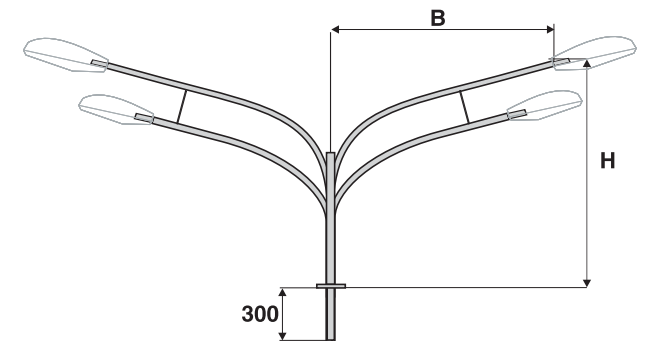
K3 H-B-C-X



K4 H-B-C-X

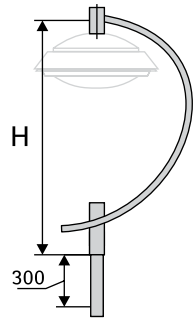


K8 H-B-C-X

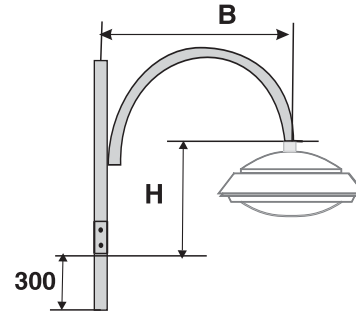


K10 H-B-C-X

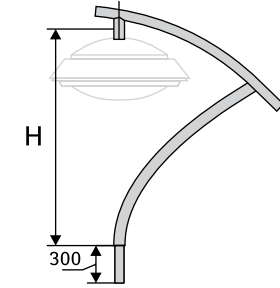
Full range of products you can see on the website amira-industry.com



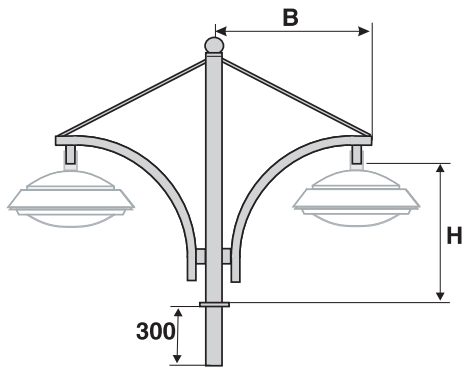
K101 H-B-C-X



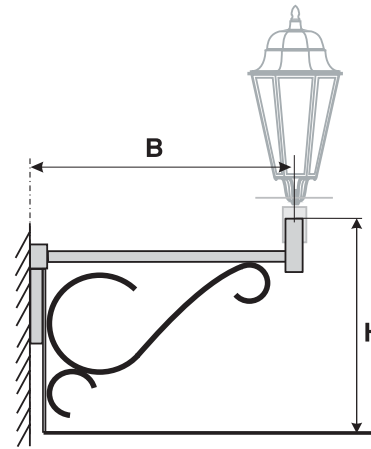
K15 H-B-C-X



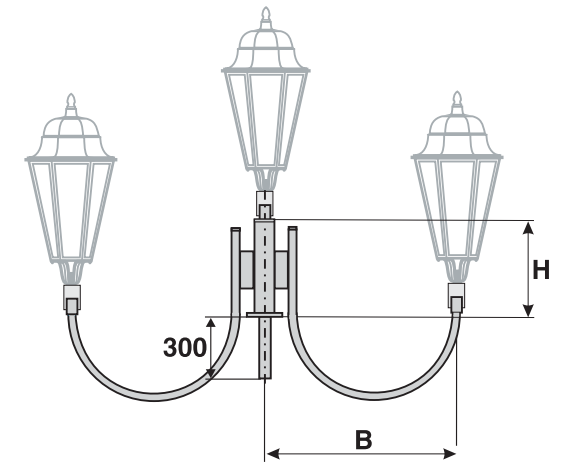
K103 H-B-C-X



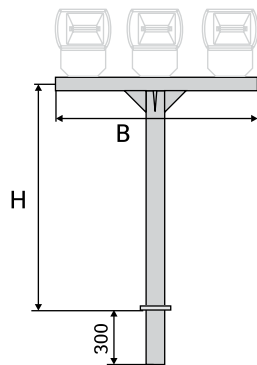
K46 H-B-C-X



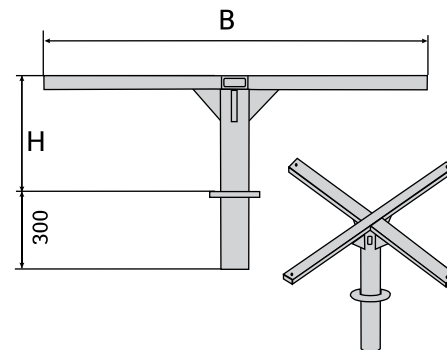
K36 H-B-C-X



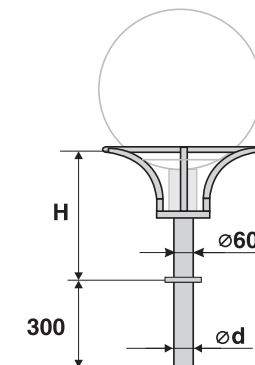
K33 H-B-C-X



K61 H-B-C-X



K63 H-B-C-X



K54 H-B-C-X

LIGHTING EQUIPMENT



Series 22 "UFO"

Type of light source gas-discharge / led

Rated power, W up 100 to 400



Series 15 "Aleksandrowsky garden"

Type of light source gas-discharge / led

Rated power, W up 70 to 150



Series 20 M «Avenue»

Type of light source gas-discharge / led

Rated power, W up 70 to 400



Series 09

Type of light source gas-discharge

Rated power, W up 70 to 200



Series 33

Type of light source gas-discharge

Rated power, W up 70 to 150



Series 30 M

Type of light source gas-discharge

Rated power, W up 70 to 250

Full range of products you can see on the website amira-industry.com



Series 22 «UFO»

Type of light source gas-discharge / led

Rated power, W up 100 to 400



Series 24

Type of light source gas-discharge / led

Rated power, W up 70 to 250



Series META

Type of light source led

Rated power, W 150



Series 50N

Type of light source gas-discharge

Rated power, W up 150 to 400



Series 61 M LED

Type of light source led

Rated power, W up 40 to 150



Series MA 70

Type of light source gas-discharge

Rated power, W 70



Series MA 240/480/720

Type of light source led

Rated power, W up 240 to 720



Series MAHA

Type of light source led

Rated power, W up 200 to 600



Series SUFA-A

Type of light source led

Rated power, W up 200 to 800



Megapolis Ltd (JSC AMIRA)



Megapolis Ltd (JSC AMIRA)



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