

WE HAVE A WORLD TO ENLIGHTEN



M·Style

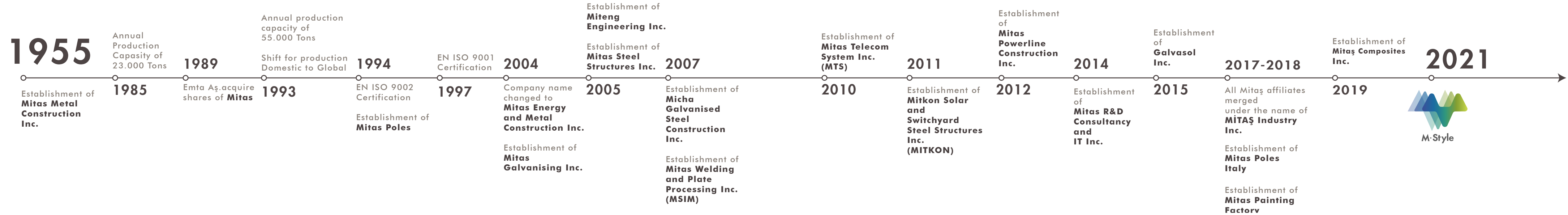




WE HAVE A WORLD TO ENLIGHTEN

WE HAVE A WORLD TO LIGHTEN





ABOUT US

Since its first production of polygonal poles in 1994, the **MİTAŞ POLES** has continuously improved its design and production capacities and included poles for energy transmission and distribution, lighting, telecommunication, aerial cable cars, advertisement, flags and signalization into its range of products in a very short span of time.

Steel poles are designed in polygonal and circular cross section as a single piece up to 12 meters in length and as multiple pieces more than 100 m in length in line with customer specifications and as per the applicable international standards. Poles are fabricated in cutting, bending and submerged arc welding machines in pole production factories and delivered as galvanized coated and/or painted as per the customer requirements.

Continuous improvements are considered in line with customer satisfaction by prioritizing the developments in respect of aesthetic appearance and easy-to-install in the design and production of poles. In addition, on-site consultancy for installment services are offered upon request of customers features.

All the production procedures from the stage of input materials to the final products are constantly inspected for compliance with the respective specifications and standards and all the required tests are carried out to ensure the best quality products. Welding procedures which are significant for the quality of products are carried out by welding operators having certificates issued as per European, Canadian and American welding standards and tested by means of nondestructive inspections.

MİTAŞ GROUP is proud of being one of the world's leading industrial brands in the production of poles, reaching great achievements such as the design and production of Turkey's longest polygonal pole (111 meters) and of Europe's widest diameter polygonal energy transmission line pole (Iceland).



Member of  MİTAŞ INDUSTRY

Whether you are looking for a decorative pole that will help your architectural project or simply extraordinary options for your city... Your research will direct you to a single address.

Pioneering the sector since 1955 with its aesthetic and innovative perspective, **MİTAŞ**; enriched its expert perspective with its brand new staff and started to serve you with its renewed brand **M-Style**. With its modern designs in which naturalness and environmental awareness are emphasized, **M-Style** will offer you solutions other than ordinary products.

M-Style, which combines modern aesthetics with natural elements; brings numerous shapes and possibilities to streets, avenues and parks with its designs. **M-Style** design team, which always prioritizes customer ideas, will delight you with lighting pole designs that will approach your project and reveal the beauty of your city.

Being an incontestable leader with its reliability and quality since its first day in the sector, **MİTAŞ** also sets an example for decorative poles with its **M-Style** brand.

Remember,

"We have a world to enlighten!"



WHY US?

Every pole under **M-Style** brand conforms to CE standards according to European Regulations and are verified by Notified Institutions.

DESIGN PROCESS

M-Style poles ensure the harmony of a city. Our priority is to produce poles suitable for the unique stance of each city. In order to achieve this, we diversified the products in our catalogue so that they can adapt to every climate. **M-Style** poles will highlight the beauty of your city.

Creating niche and bespoke products, we always keep ideas of our valued customers ahead. Because those who live in a city, know the soul of it best.

Your requests and expectations are visualized by our designers, static controls are provided by our engineering team thus the final product meets with the customer expectations.

STRENGTH CALCULATIONS

According to CE norms, structural dynamic computer analysis and static calculations are carried out for each pole designed for both customer projects and our own catalogue. To achieve your satisfaction and project requirements, products are designed in the light of data derived from calculations and cost-benefit analysis.

For each specific case (wind speed, location properties, street lamp dimensions etc.), loads on the poles are calculated and designed accordingly. **M-Style** team helps you to determine the best solution for your project by making all of these calculations aided by computer based simulations.



WIND LOADS

Each area has its own wind profile. Please inform our customer representative on what kind of any additional requirements you have (location, additional accessories etc.) to control pole calculations and design to meet your requirements.

QUALITY

Mitaş is a world brand with its expert, certified, experienced team and fully equipped mechanical, metallographic, chemical and NDT laboratories that cannot easily be found in its own sector.

PACKAGING, STORAGE AND LOGISTICS

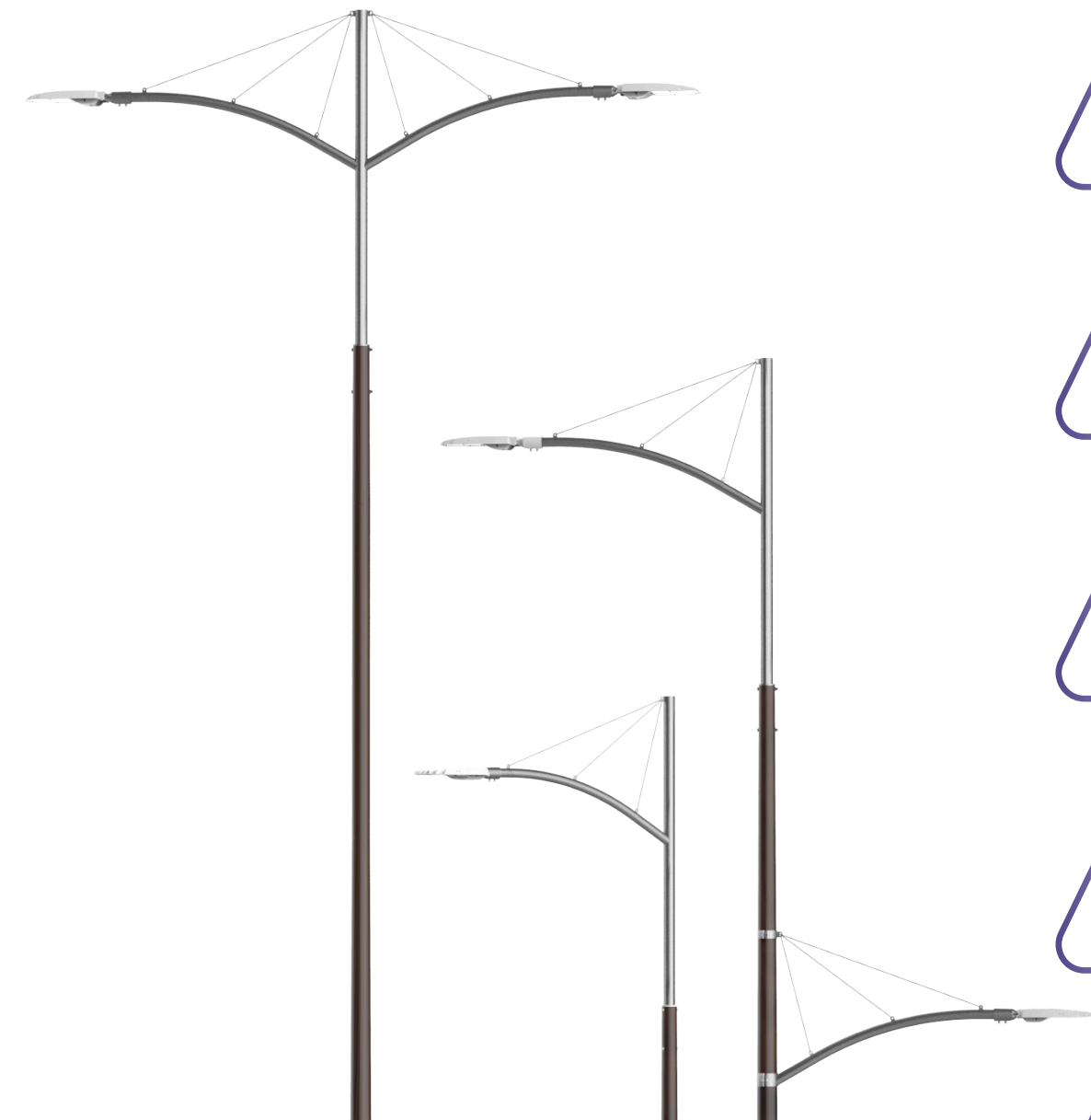
All poles produced are stored in accordance with integrated quality system transport and storage instructions and in a way that the products are not damaged, and are protected against white rust.

All packaging and shipping operations are carried out in accordance with customer specifications and integrated quality system instructions.

CONTENT



PHASELIS	VİÇE	GERMIA	HALICARNASSUS	MAÇKA	SİNOPE	ATTUDA	OLBA	İDA	HATTENA	BAKU
11-18	19-26	27-30	31-38	39-46	47-54	55-62	63-70	71-78	79-86	87-90

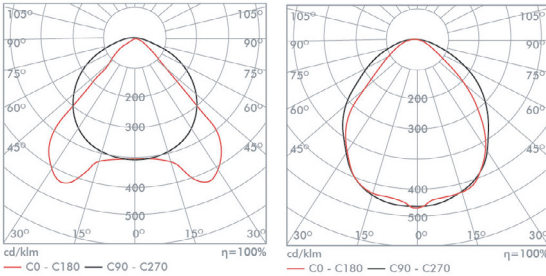


ROAD PHASELIS

The name "Phaselis" comes from an ancient city near Antalya, on the southern coast of our country "Phaselis" was the name of the famous ships of the ancient city. And these ships inspired us with their strongwind resistant sails

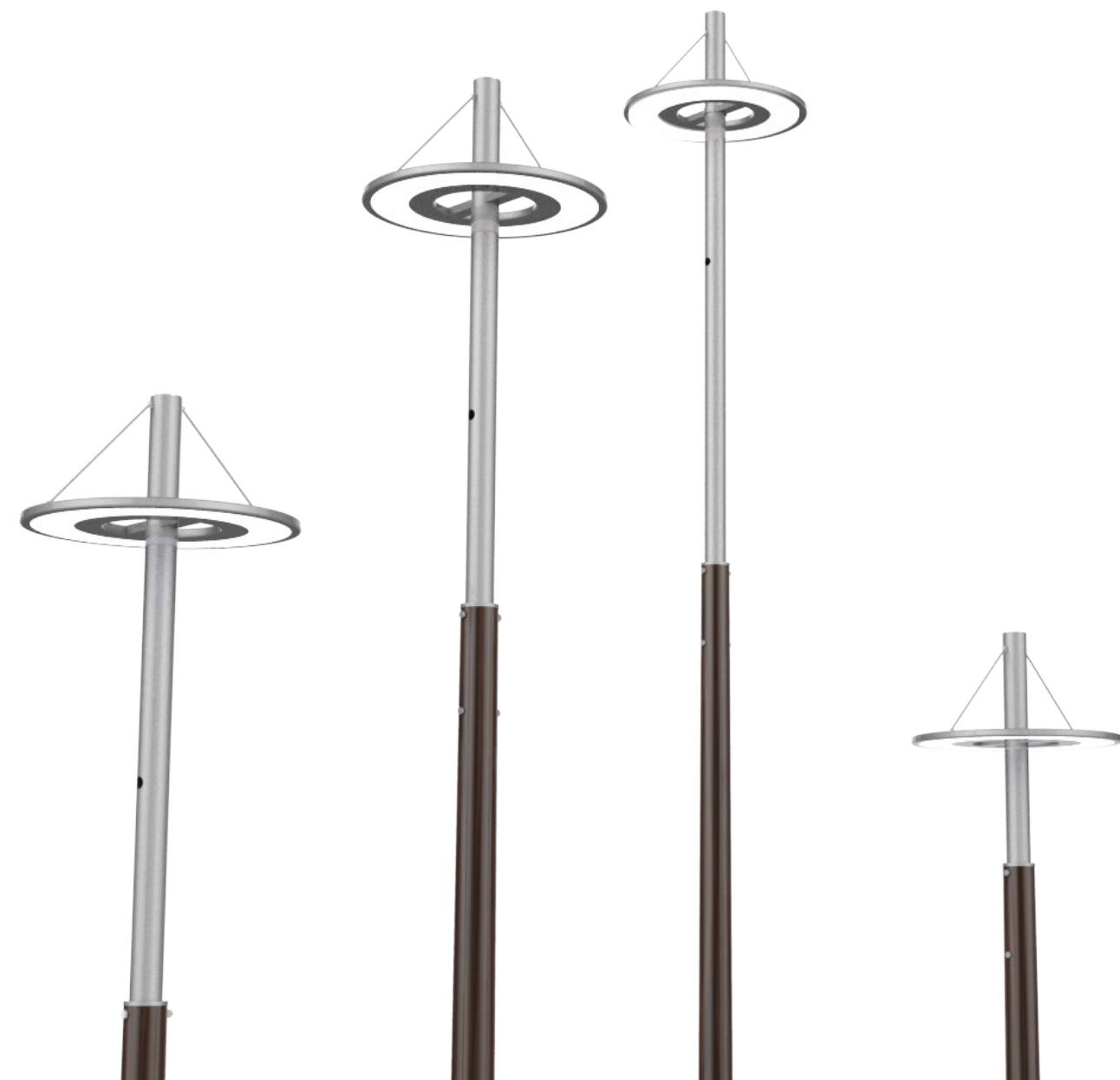
ROAD
PHASELIS

Wooden texture coated S235-S355 steel poles
Wood covered aluminium plinth concealing anchor bolts
Aesthetic design with ropes providing resistance against wind
Double arms, single arm and pedestrian arm product options
Different color and wood coating options with powder paint
Hot dip galvanised in EN ISO 1461 standart



CE TSE 220V 50-60Hz 100 W IP 66 IK 22 CB EN 60598-2-2

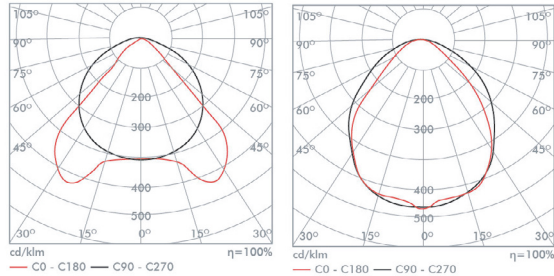


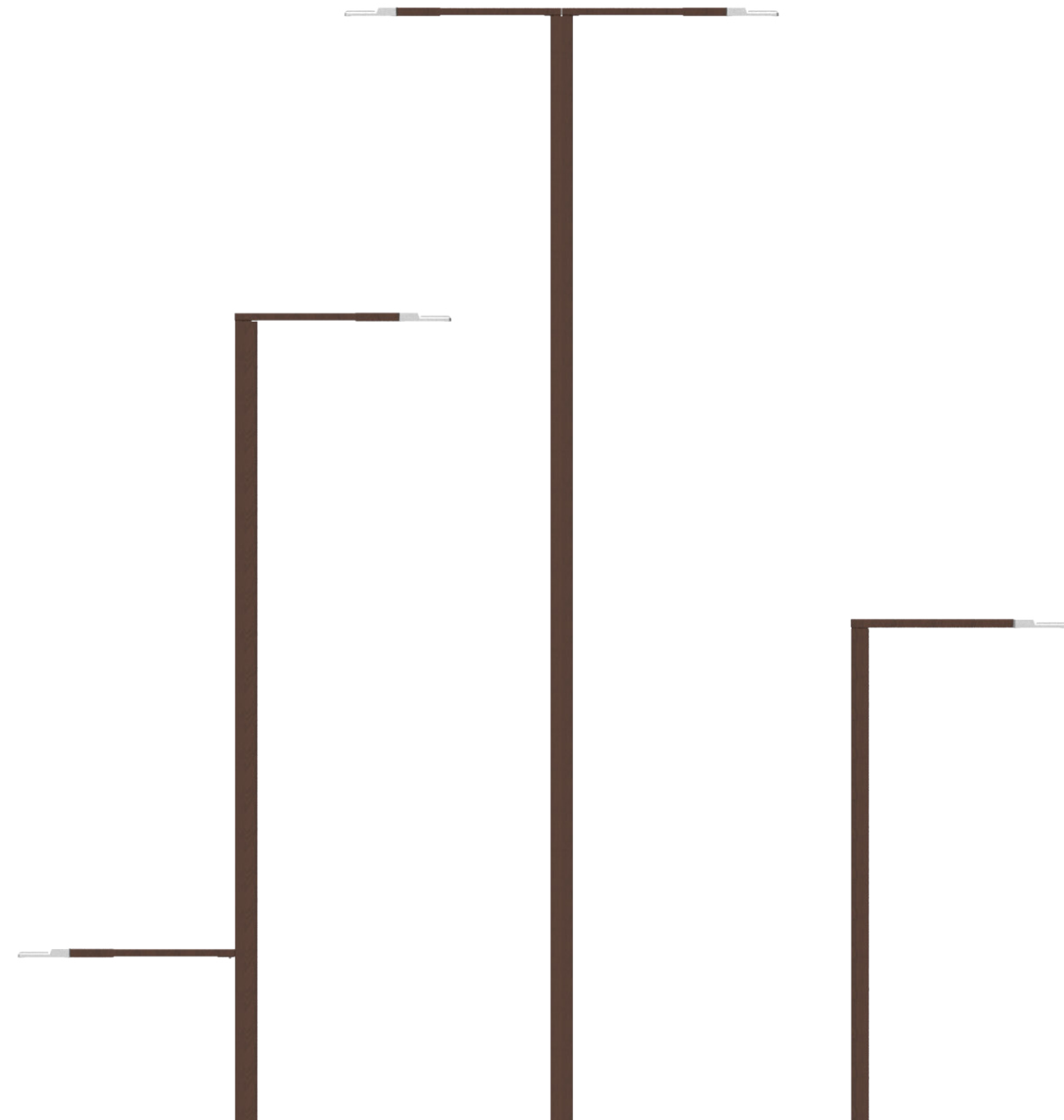


LANDSCAPES
PHASELIS

LANDSCAPES
PHASELIS

Wooden texture coated S235-S355 steel pole
Wood covered aluminium plinth concealing anchor bolts
Aesthetic design with ropes providing resistance against wind
Double arms and single arm product options
Different color and wood coating options with powder paint
Hot dip galvanised in EN ISO 1461 standart



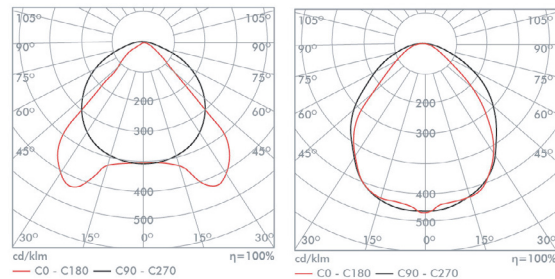


ROAD VİÇE

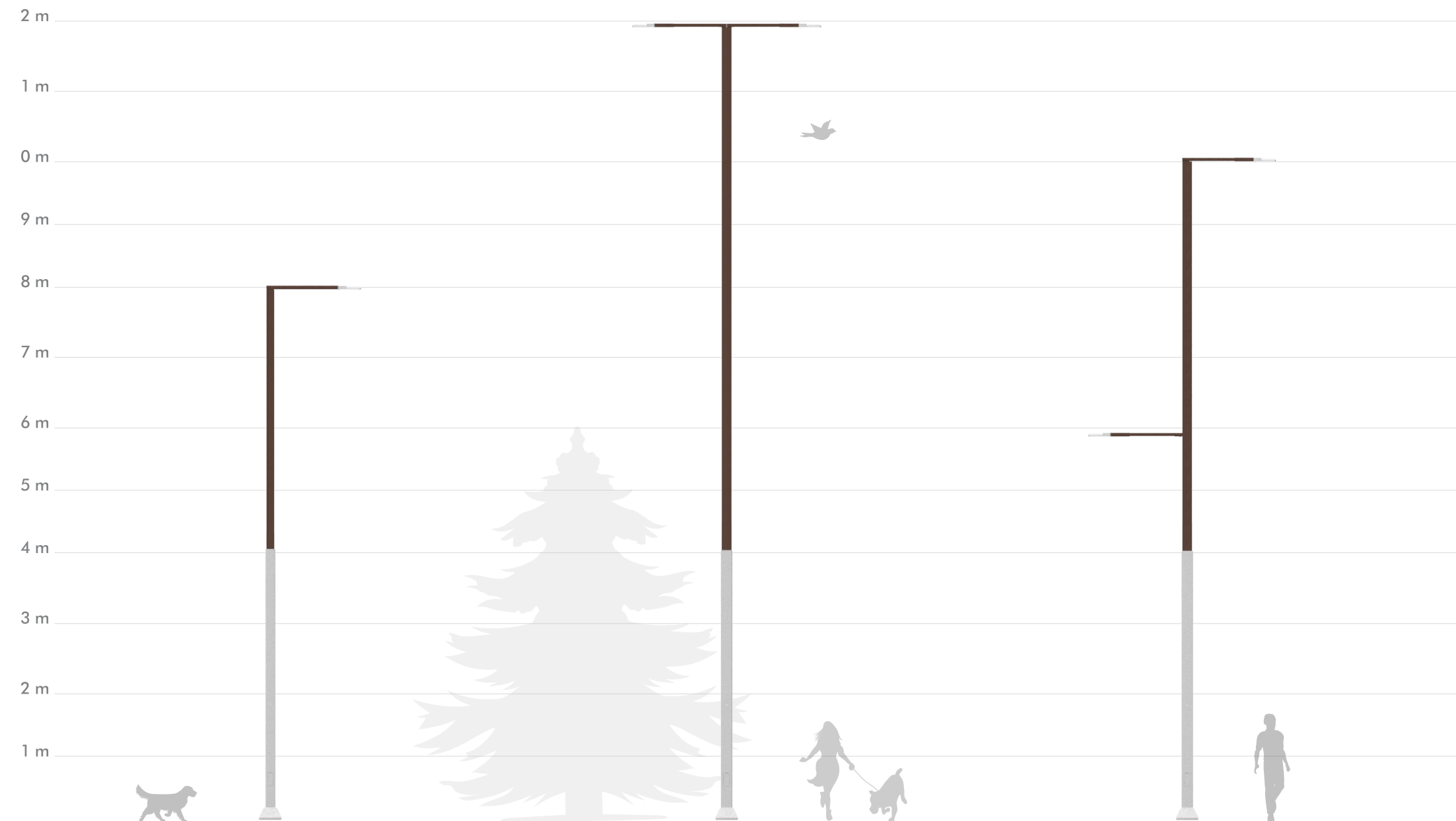
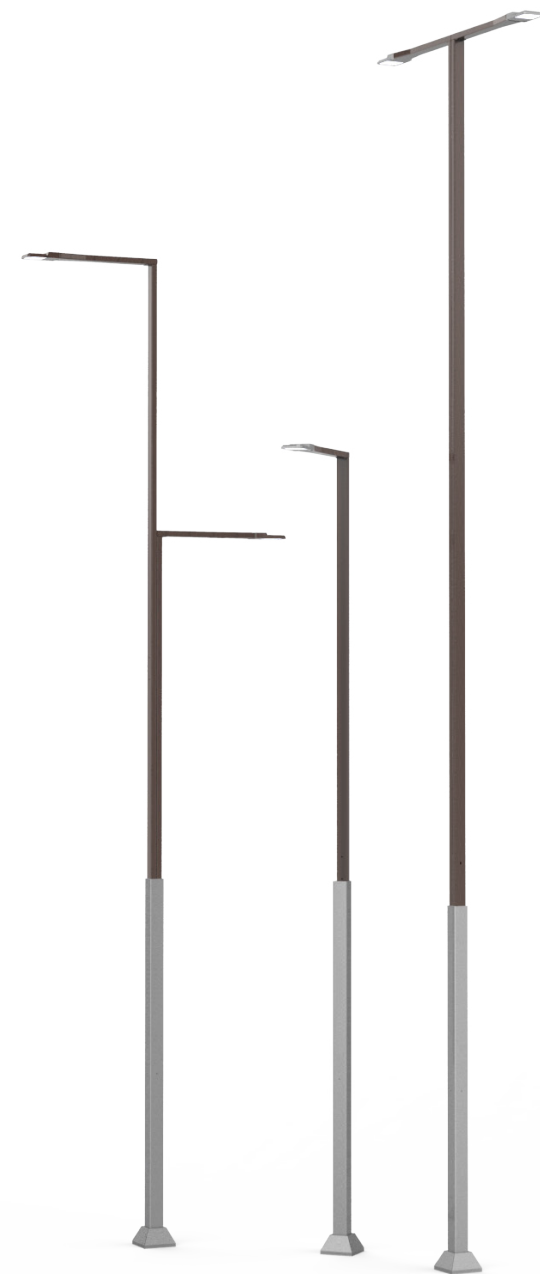
The name "Viçe" was the old name of Artvin's little district "Fındıklı". The name originally lazuri and must be written as "Vitze". We decided to name our product after this little town because it reminds us branches, just like the meaning of "Viçe".

VICE ROAD

Wooden texture coated S235-S355 steel profiles
 Wood covered aluminium plinth concealing anchor bolts
 Aesthetic and powerful design
 Double arms, single arm and pedestrian arm product options
 Different color and wood coating options with powder paint
 Hot dip galvanised in EN ISO 1461 standart



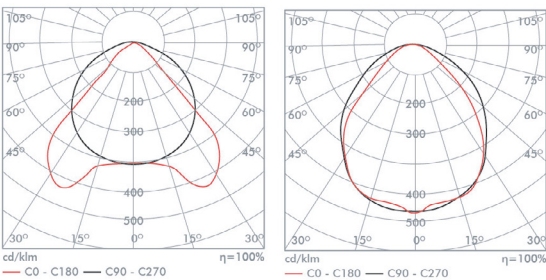
CE TSE 220V 50-60Hz 100 W IP 66 IK 22 CB EN 60598-2-2 ENEC



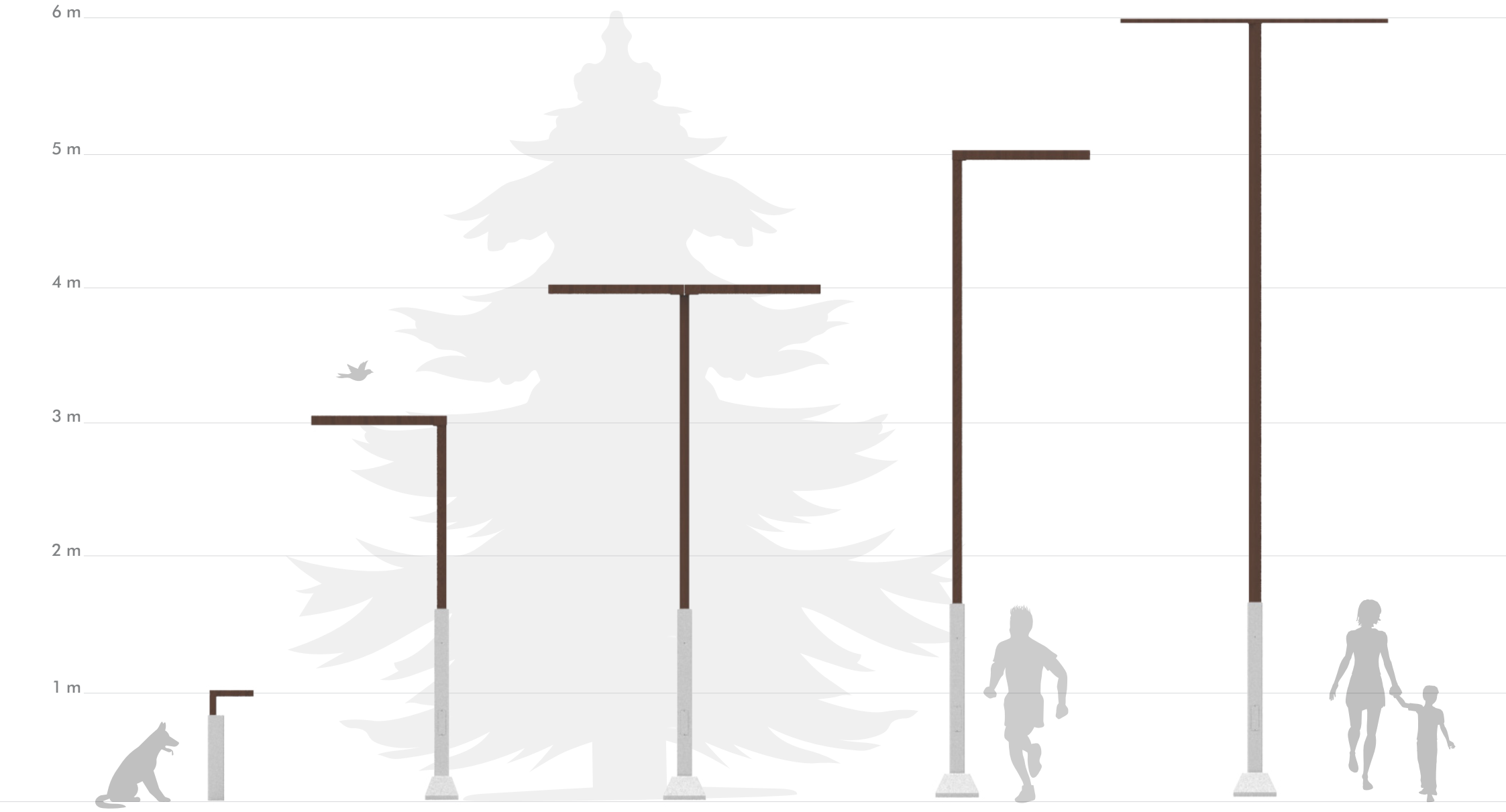


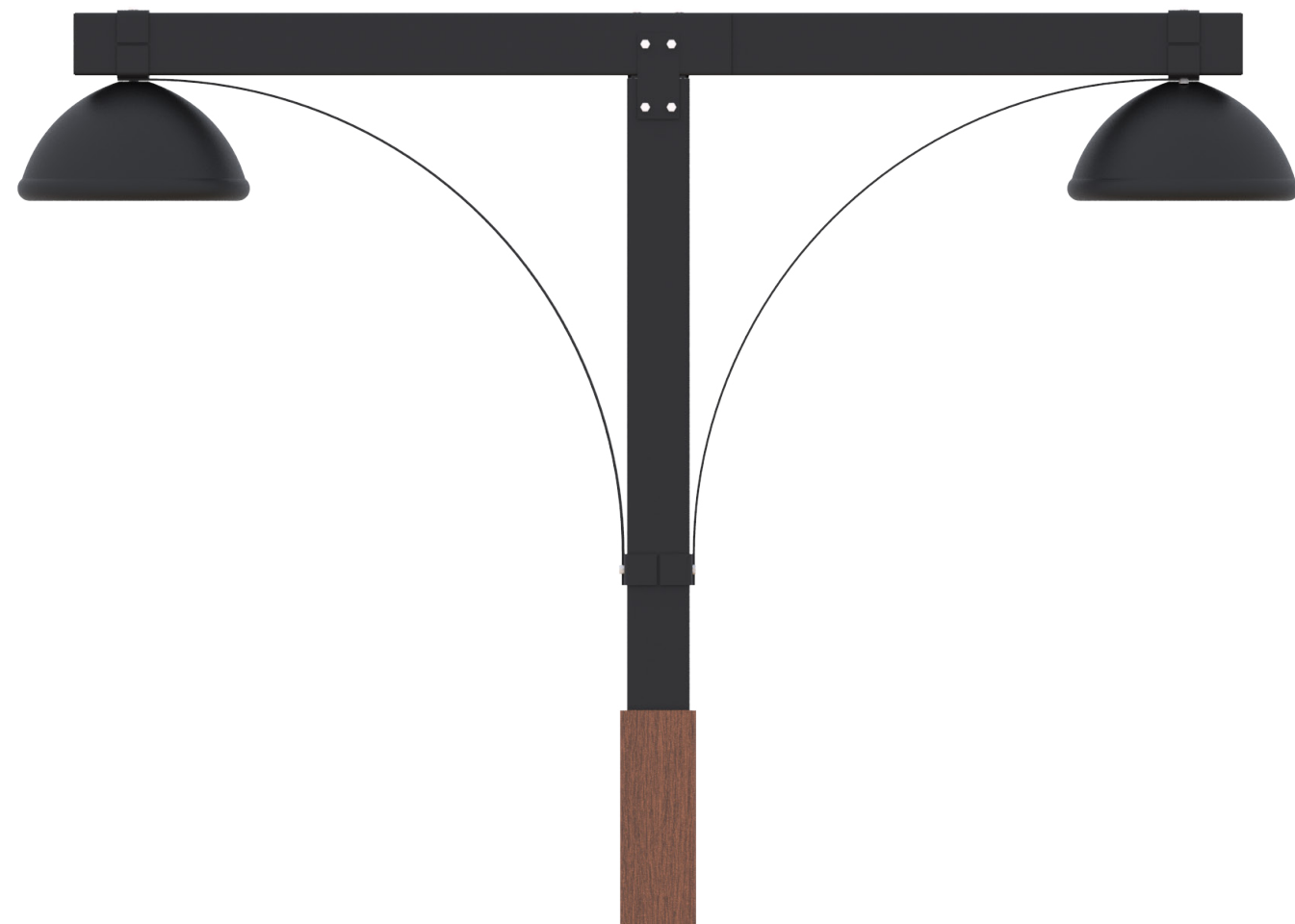
VICE LANDSCAPE

Wooden texture coated S235-S355 steel profiles
Wood covered aluminium plinth concealing anchor bolts
Aesthetic and powerful design
Double arms, single arm and pedestrian arm product options
Different color and wood coating options with powder paint
Hot dip galvanised in EN ISO 1461 standart



CE TSE 220V 50-60Hz 100 W IP 66 IK 22 CB EN 60598-2-2



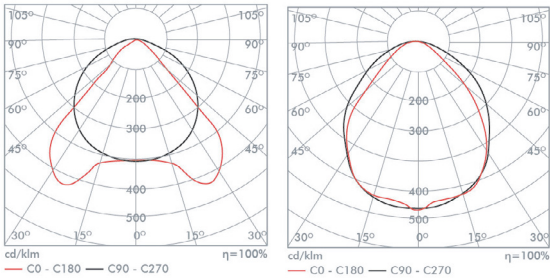


LANDSCAPES GERMIA

The name "Germia" was the old name of our little district called "Safranbolu". Safranbolu is famous with its wooden houses. We called our products "Germia" because of these houses.

LANDSCAPES
GERMIA

Wooden texture coated S235-S355 steel profiles
Wood covered aluminium plinth concealing anchor bolts
Aesthetic and powerful design
Double arms and single arm product options
Different color and wood coating options with powder paint
Hot dip galvanised in EN ISO 1461 standart



CE TSE 220V 50-60Hz 100 W IP 66 IK 22 CB EN 60598-2-2



6 m

5 m

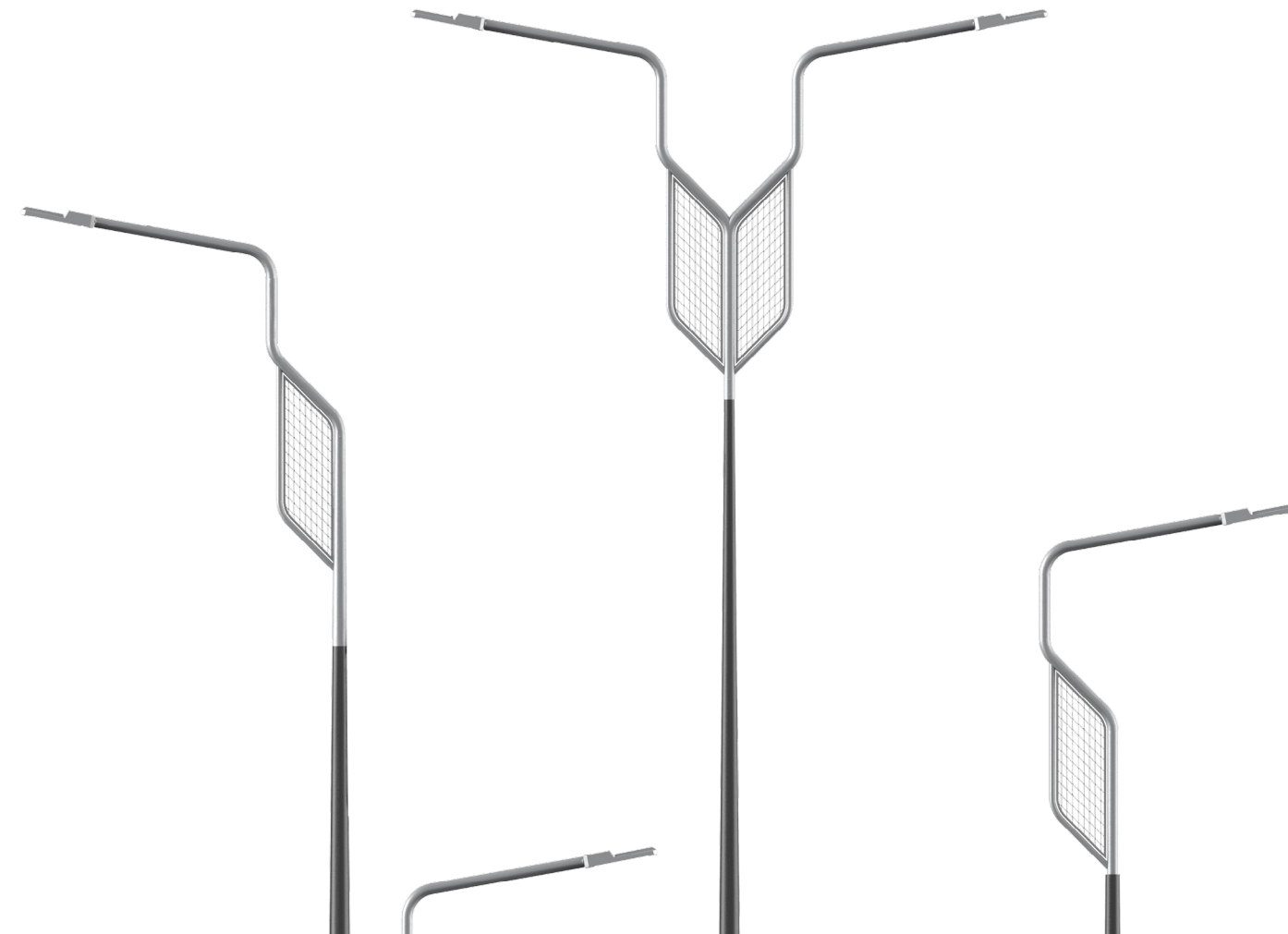
4 m

3 m

2 m

1 m

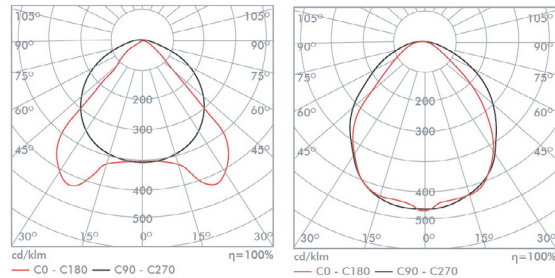




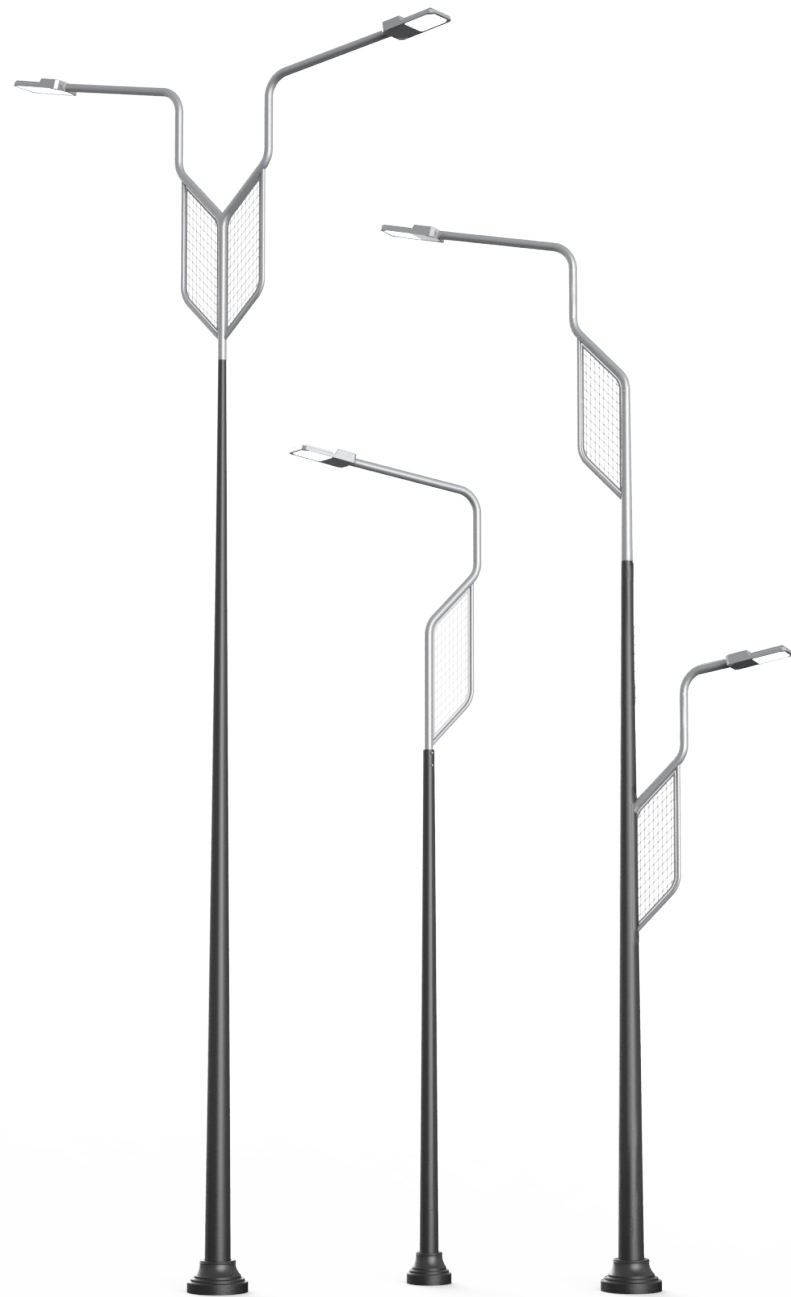
ROAD
HALICARNASSUS
The name "Halicarnassus" comes from an ancient city near our charming town, Bodrum. Citizens who make a living by hanging their fish in nets and drying them have also been our inspiration

ROAD
HALICARNASSUS

S235-S355 steel poles
Aluminium plinth concealing anchor bolts
Aesthetic design
Double arms, single arm and pedestrian arm product options
Different color and wood coating options with powder paint
Hot dip galvanised in EN ISO 1461 standart



CE TSE 220V 50-60Hz 100 W IP 66 IK 22 CB EN 60598-2-2

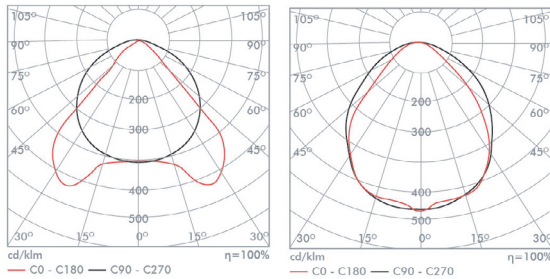




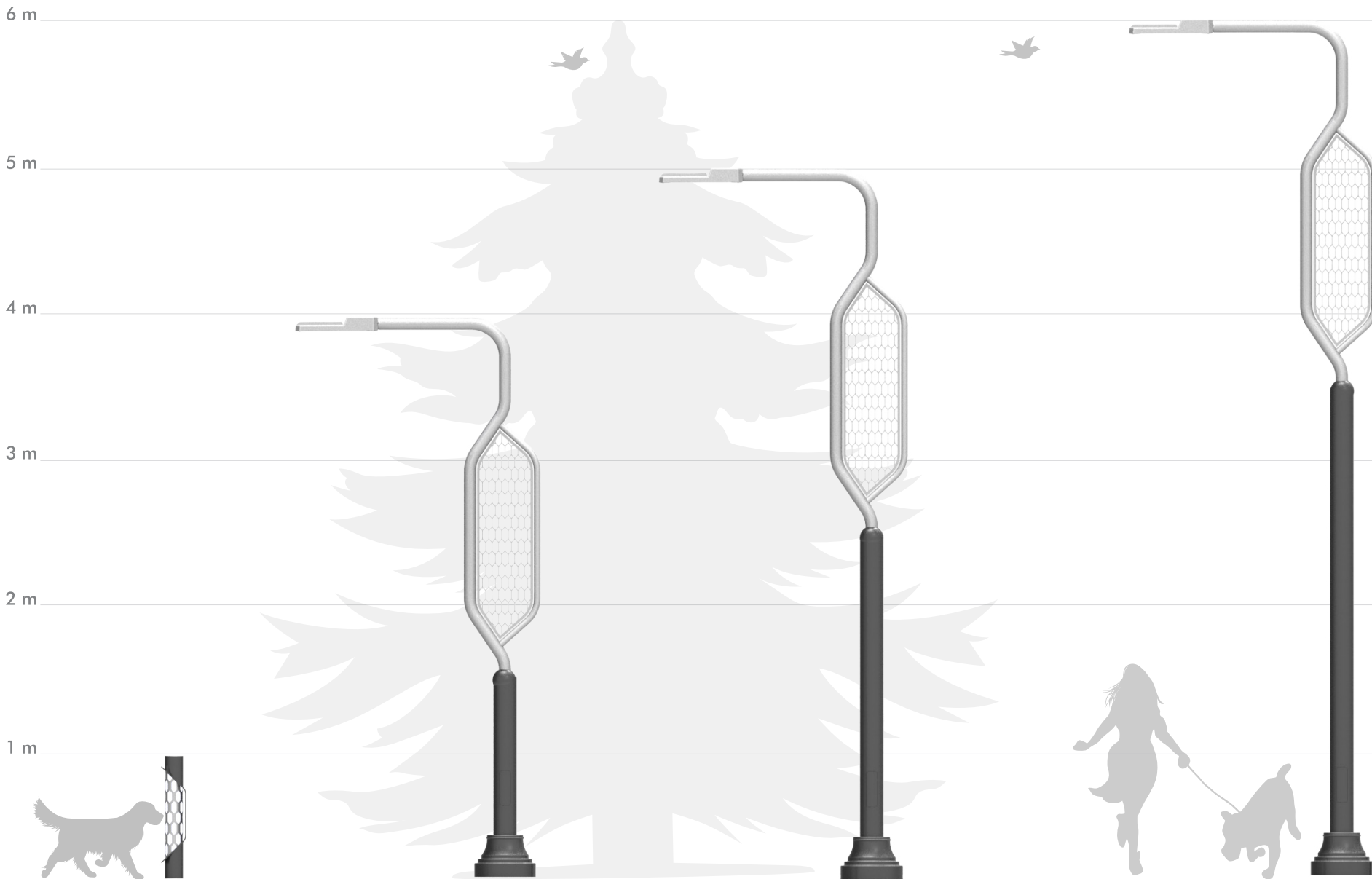
LANDSCAPE
HALICARNASSUS

LANDSCAPE
HALICARNASSUS

S235-S355 steel pole
Aluminium plinth concealing anchor bolts
Aesthetic design
Double arms and single arm product options
Different color and wood coating options with powder paint
Hot dip galvanised in EN ISO 1461 standart



CE TSE  220V 50-60Hz 100 W IP 66 IK 22 CB EN 60598-2-2 

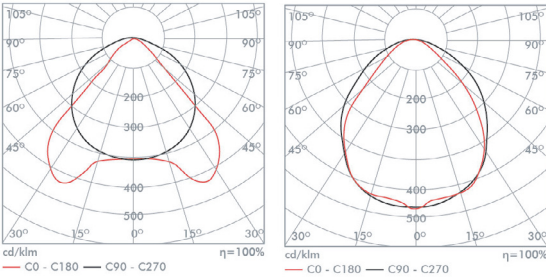
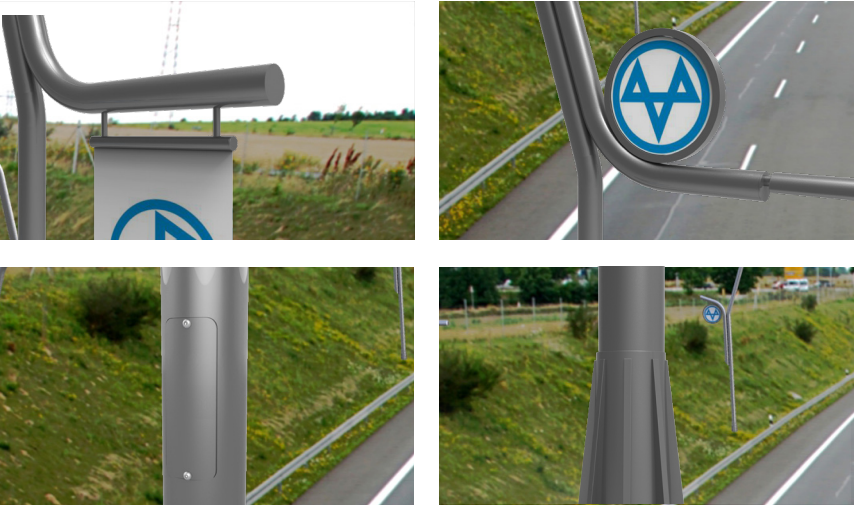




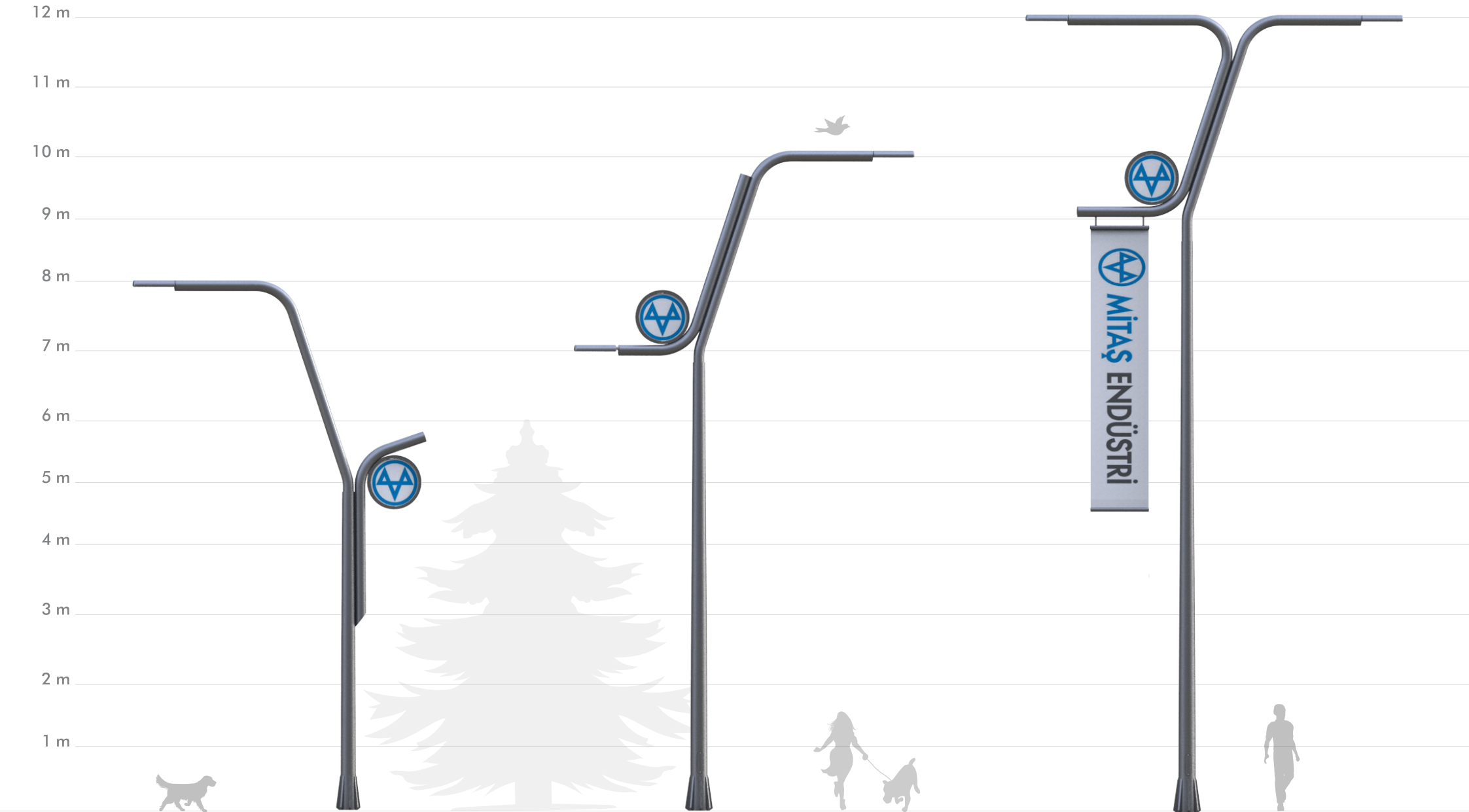
ROAD
MAÇKA
"Maçka" is a town and district of Trabzon Province in the Black Sea region of Turkey. The name derived from the medieval Greek Matzouka, which means big baton.

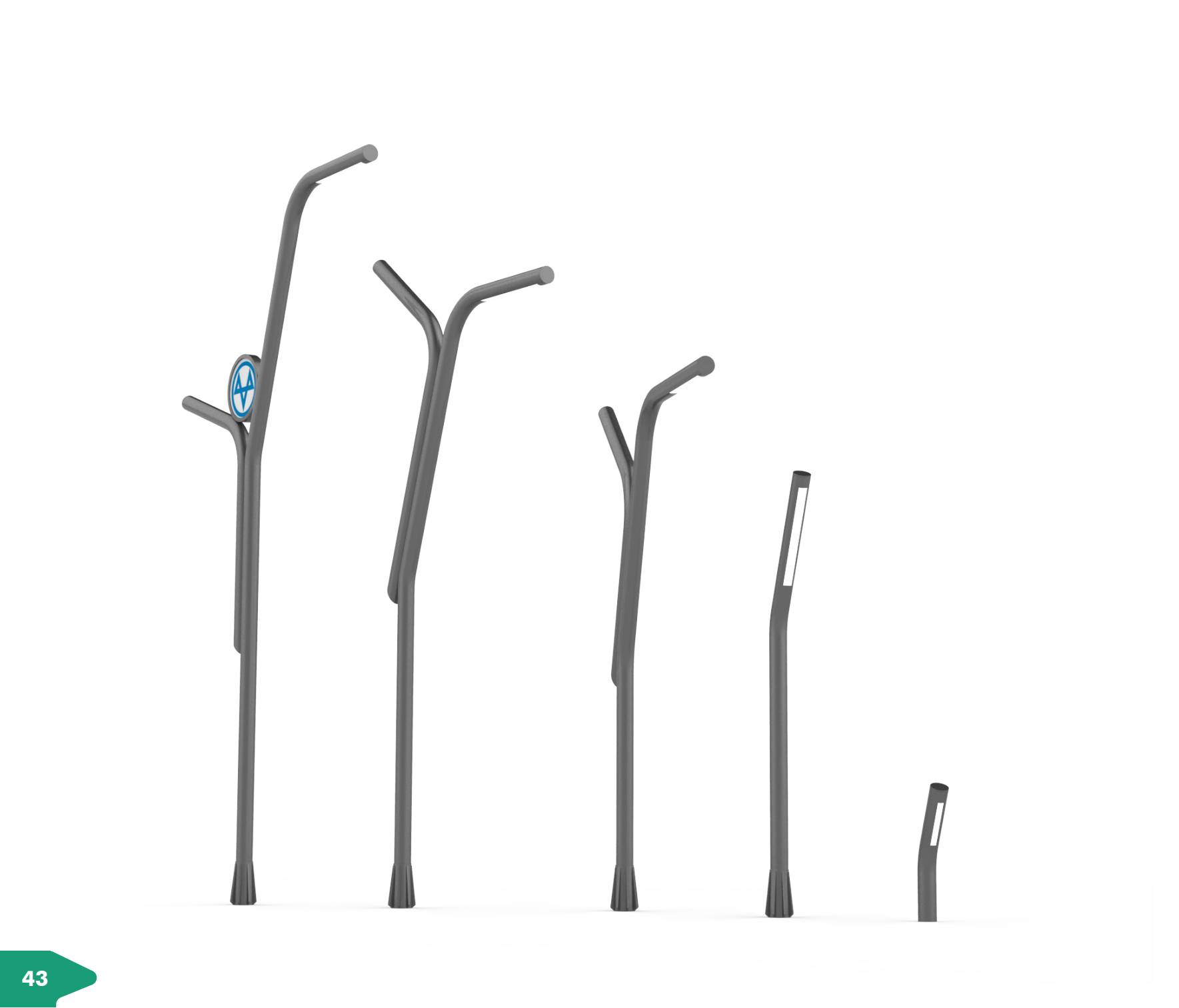
ROAD
MAKKA

S235-S355 steel poles
Aluminium plinth concealing anchor bolts
Aesthetic design
Double arms, single arm and pedestrian arm product options
Different color and wood coating options with powder paint
Hot dip galvanised in EN ISO 1461 standart



CE TSE 220V 50-60Hz 100 W IP 66 IK 22 CB EN 60598-2-2

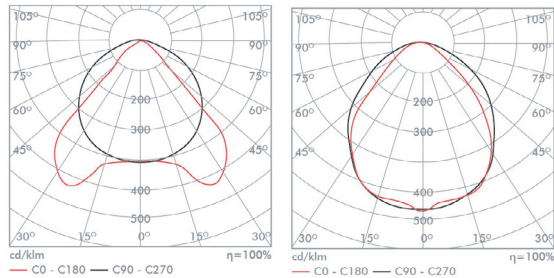




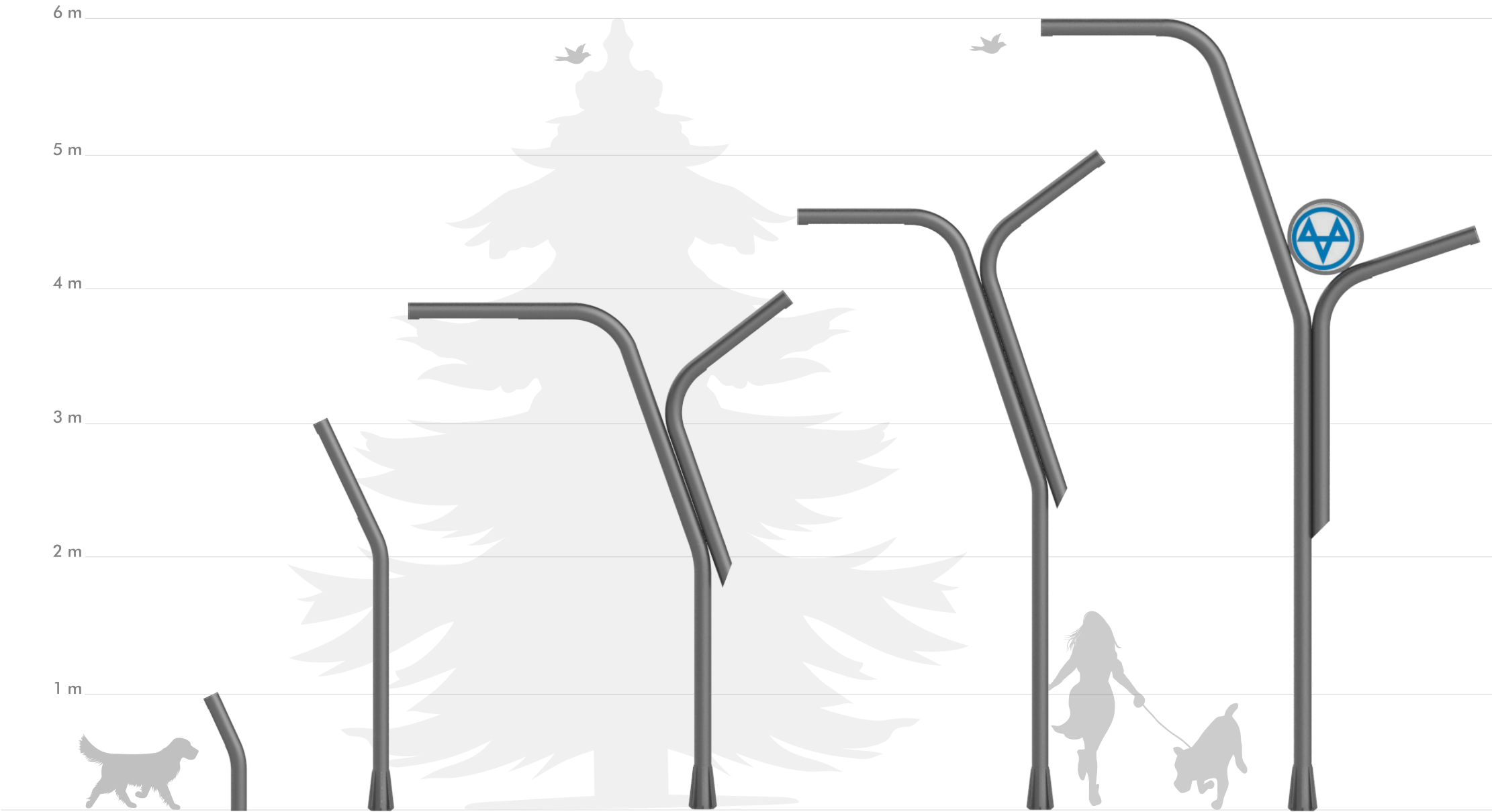
LANDSCAPE
MACKA

LANDSCAPE
MACKA

S235-S355 steel poles
Aluminium plinth concealing anchor bolts
Aesthetic design
Double arms and single arm product options
Different color and wood coating options with powder paint
Hot dip galvanised in EN ISO 1461 standart



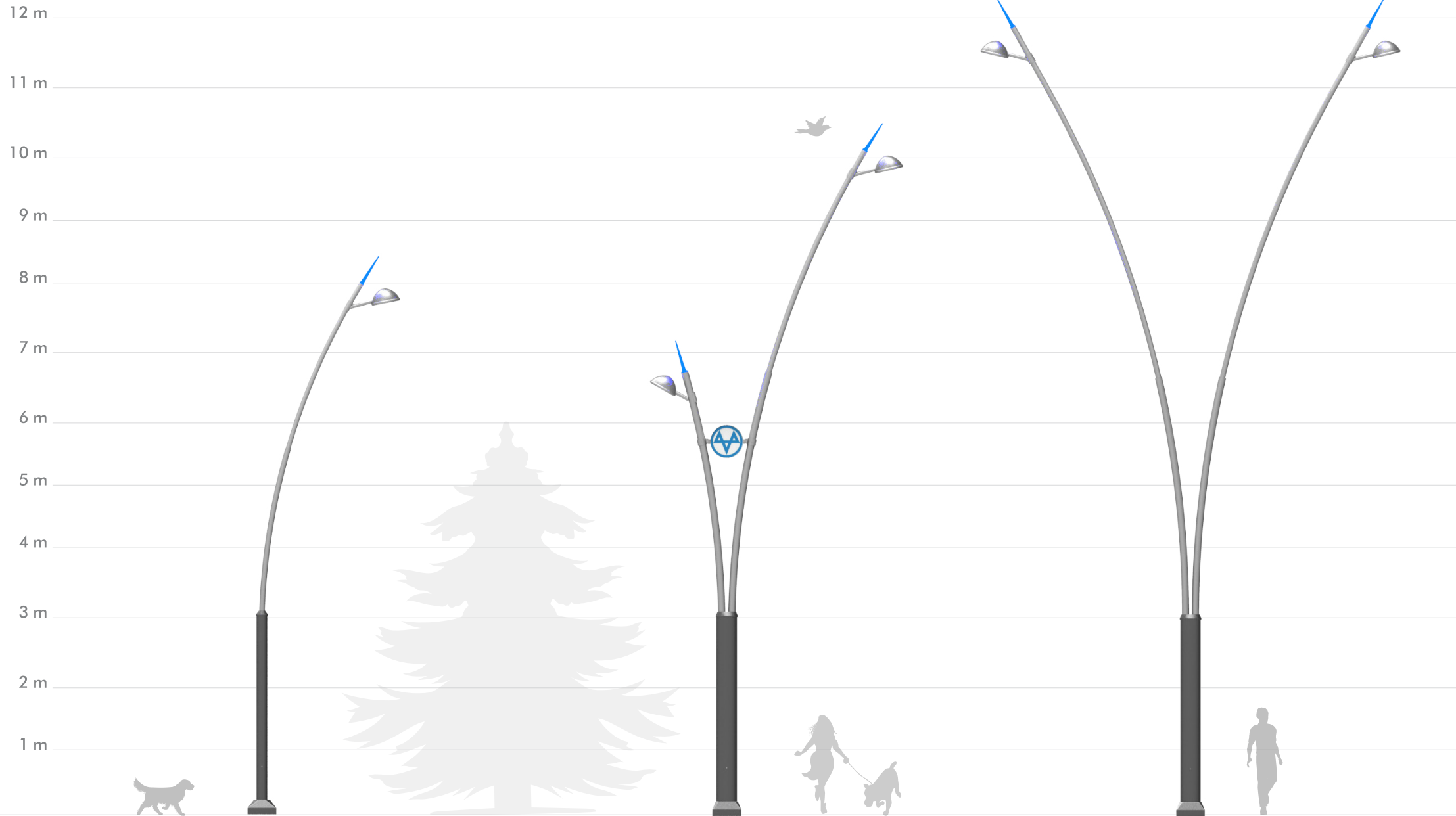
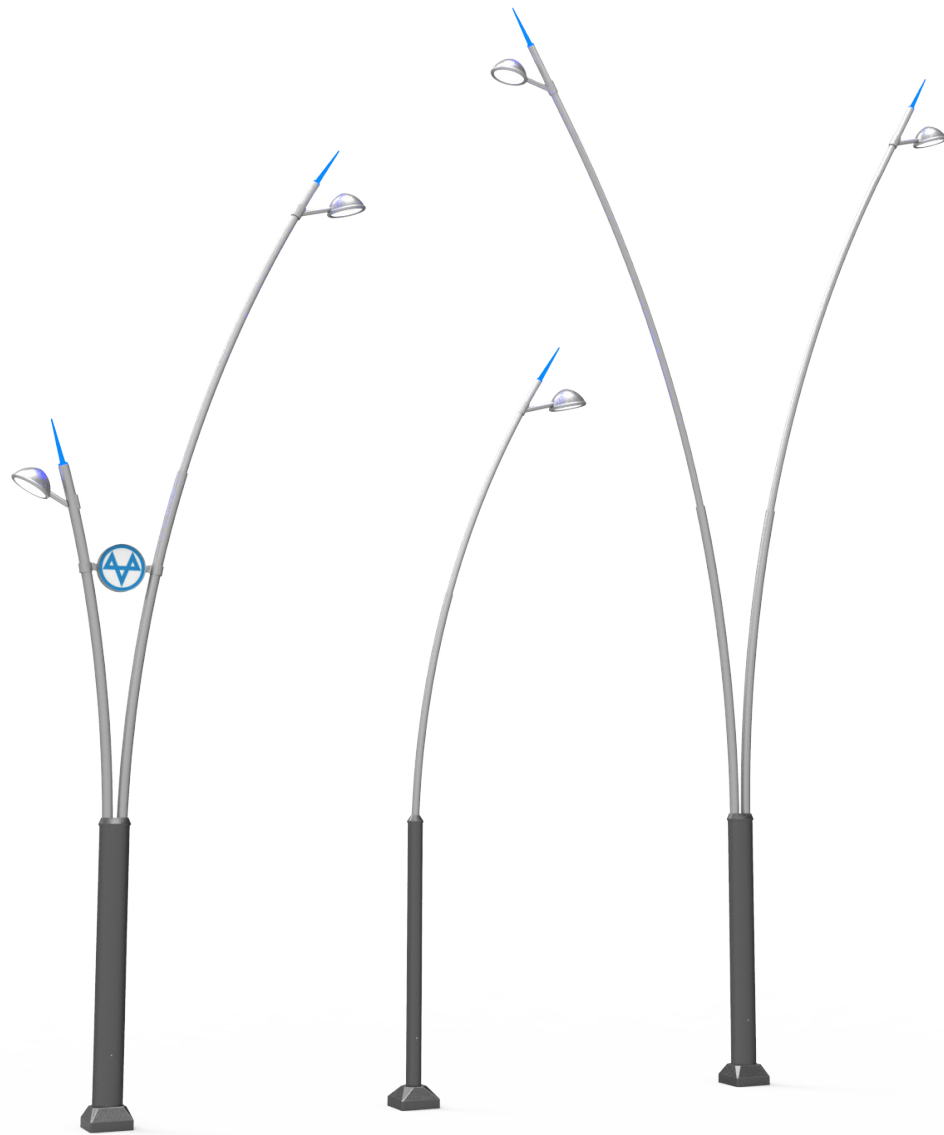
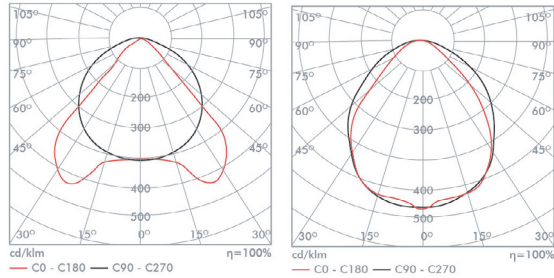
CE TSE 220V 50-60Hz 100 W IP 66 IK 22 CB EN 60598-2-2





S\NOPE ROAD

S235-S355 steel poles
Aluminium plinth concealing anchor bolts
Aesthetic design
Double arms, single arm and pedestrian arm product options
Different color and wood coating options with powder paint
Hot dip galvanised in EN ISO 1461 standart

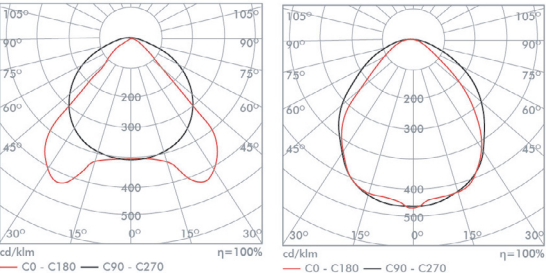




LANDSCAPE
SINOPE

S\NOPE LANDSCAPE

S235-S355 steel metal pole
Aluminium plinth concealing anchor bolts
Aesthetic design
Double arms and single arm product options
Different color and wood coating options with powder paint
Hot dip galvanised in EN ISO 1461 standart



CE TSE 220V 50-60Hz 100 W IP 66 IK 22 CB EN 60598-2-2



6 m

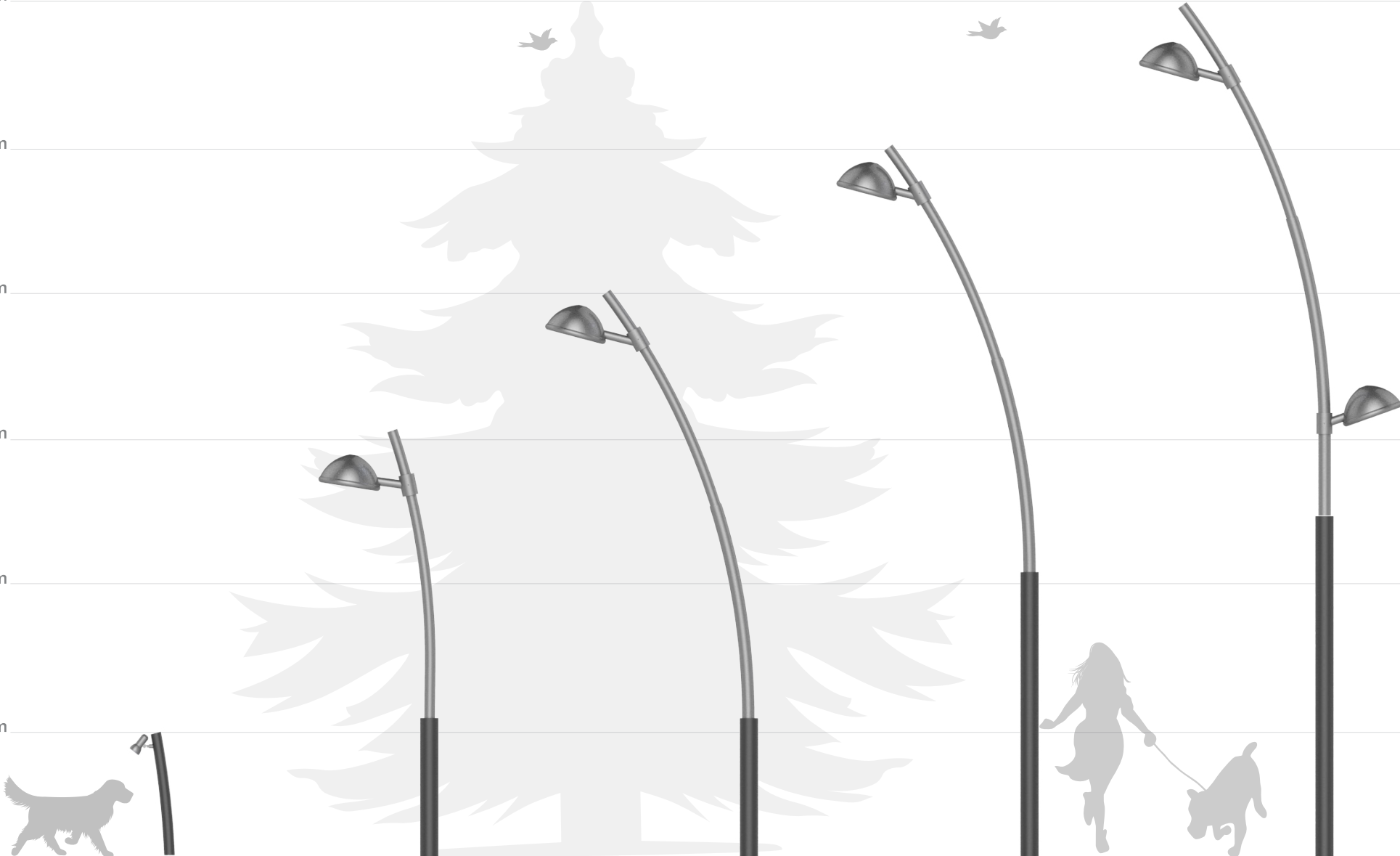
5 m

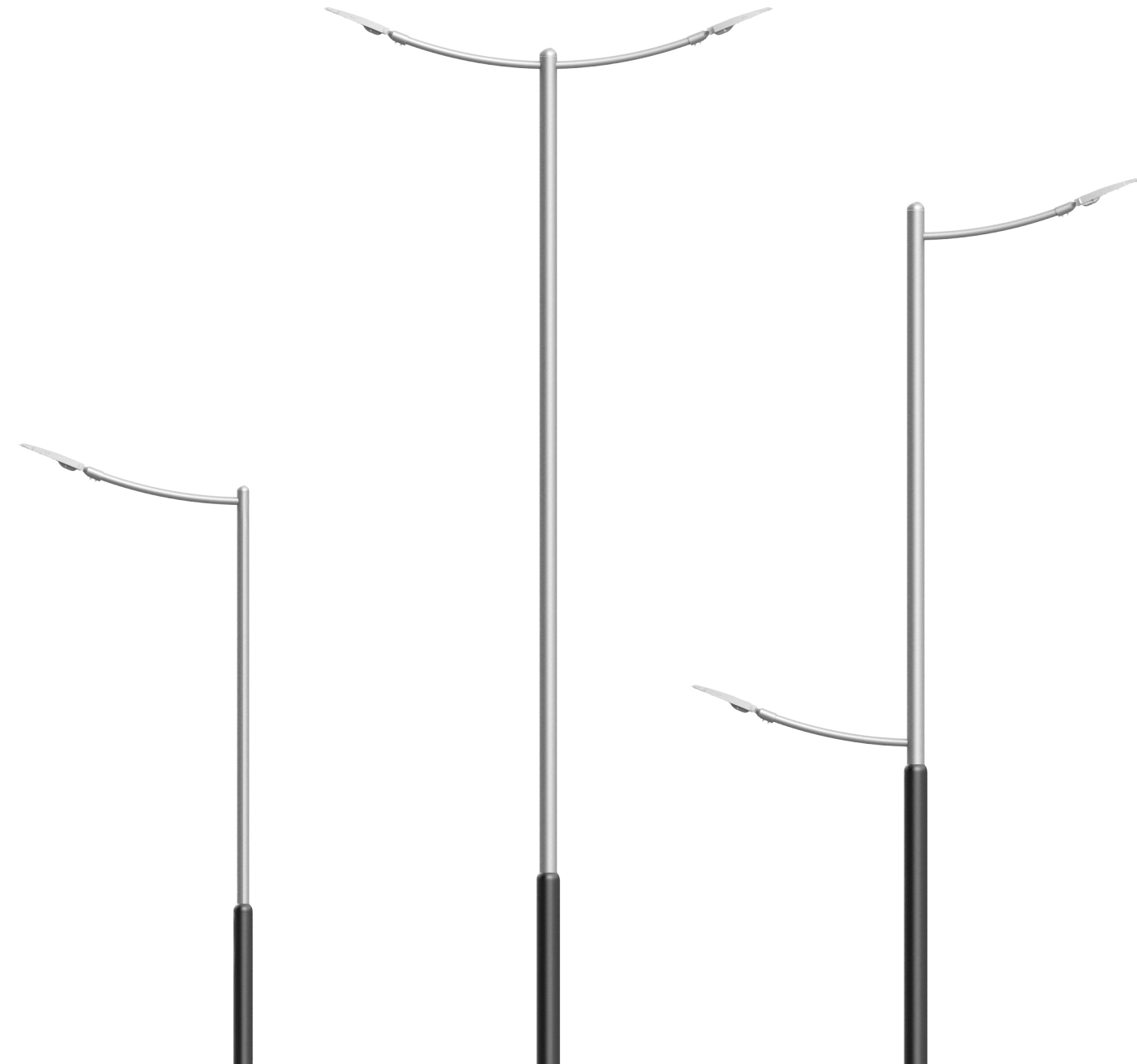
4 m

3 m

2 m

1 m



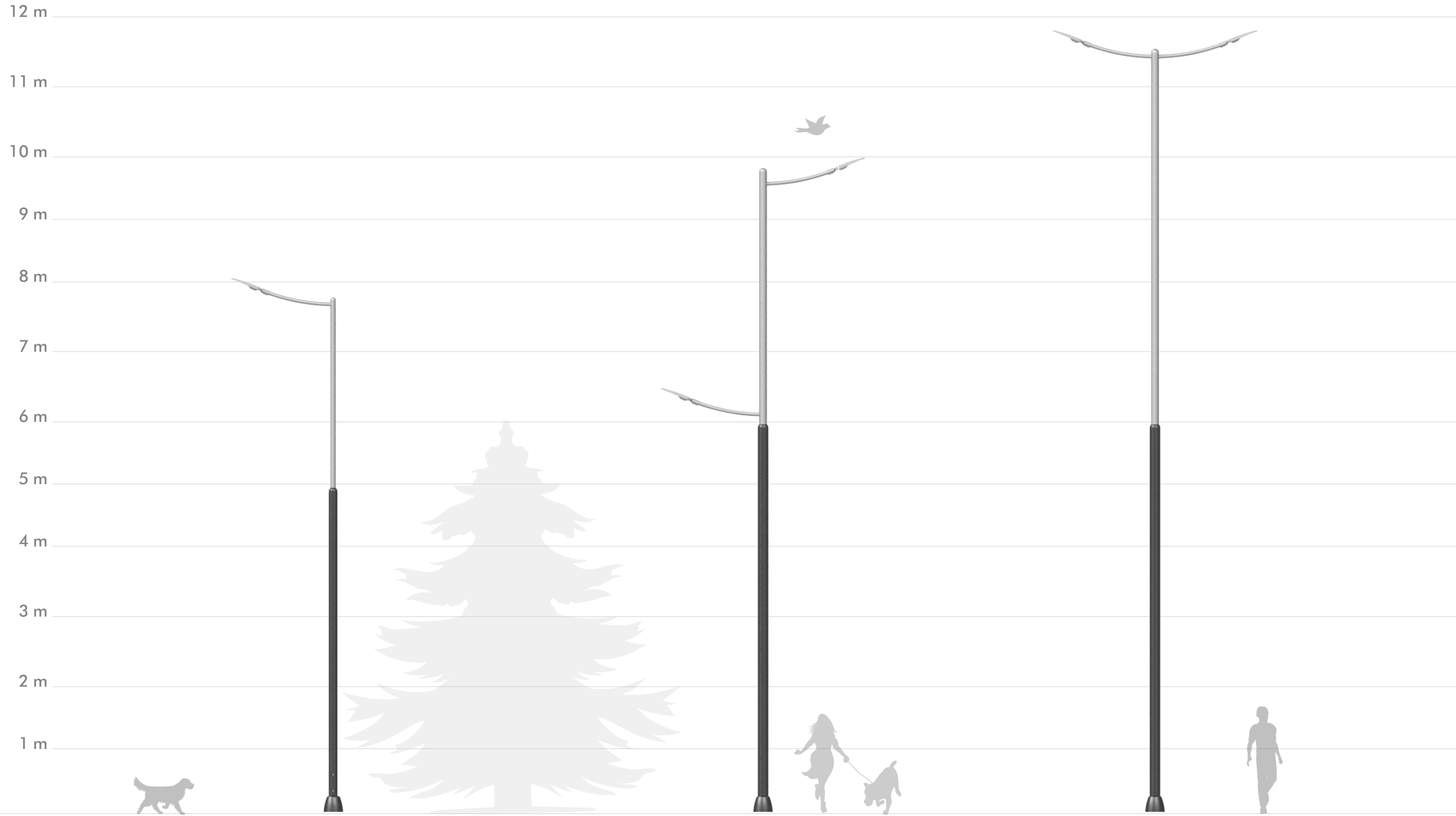
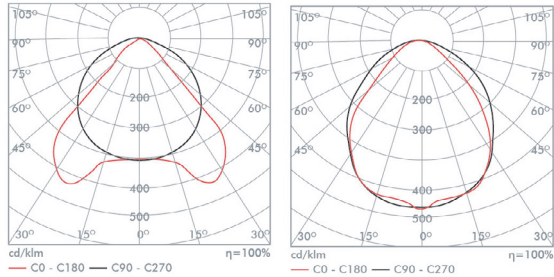
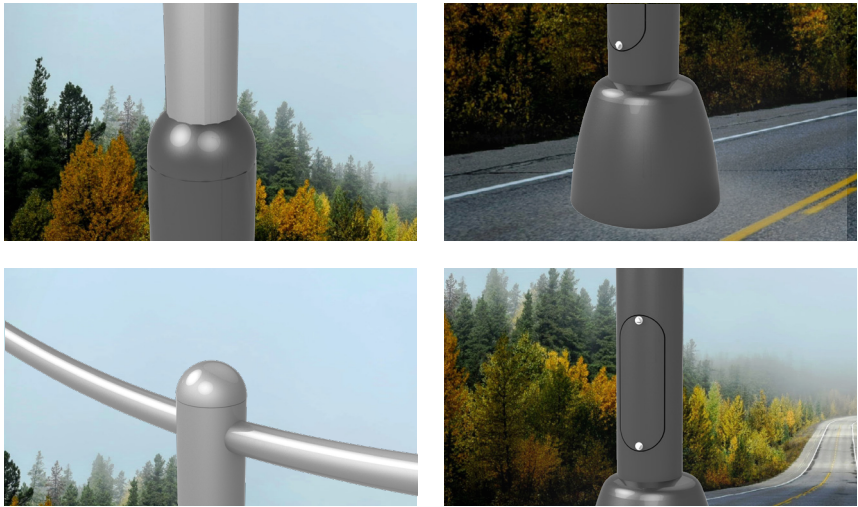


ROAD
ATTUDA

The name "Attuda" comes from an ancient city near our beautiful city Denizli. This city, which enables the establishment of economic and cultural ties between the cities around it, has also inspired us.

ROAD
ATTUDA

S235-S355 steel poles
Aluminium plinth concealing anchor bolts
Aesthetic design
Double arms, single arm and pedestrian arm product options
Different color and wood coating options with powder paint
Hot dip galvanised in EN ISO 1461 standart

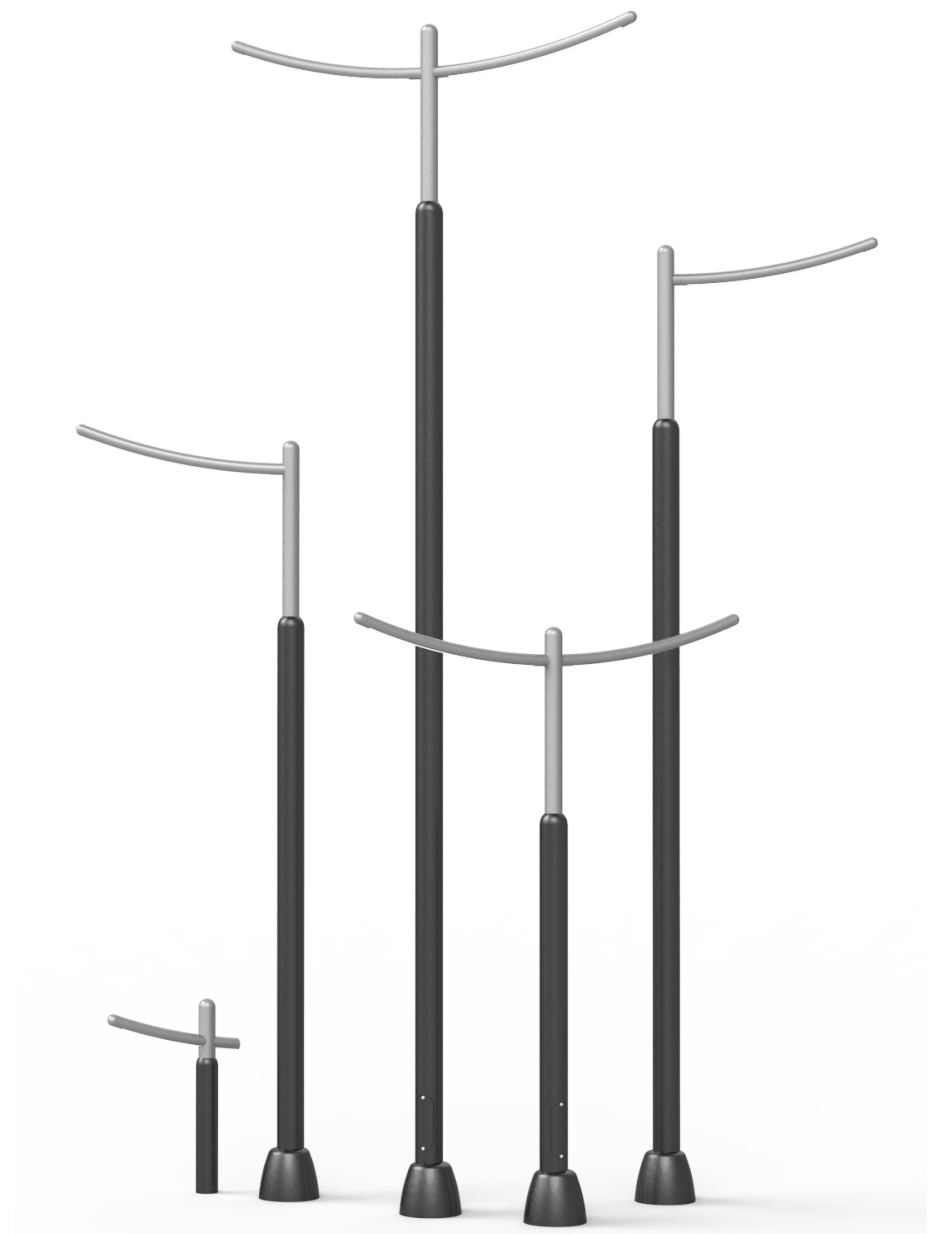
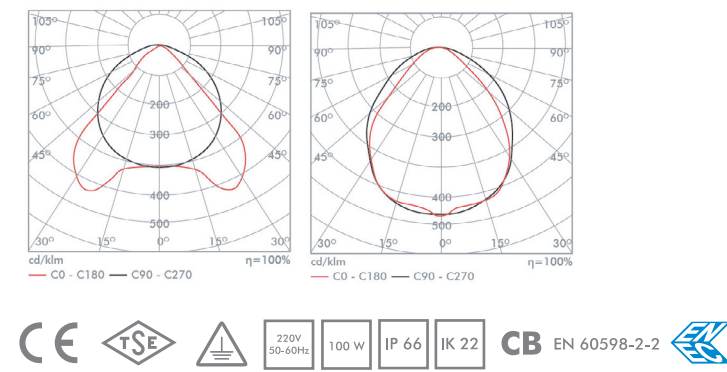




LANDSCAPE
ATTUDA

LANDSCAPE
ATTUDA

S235-S355 steel poles
Aluminium plinth concealing anchor bolts
Aesthetic design
Double arms and single arm product options
Different color and wood coating options with powder paint
Hot dip galvanised in EN ISO 1461 standart





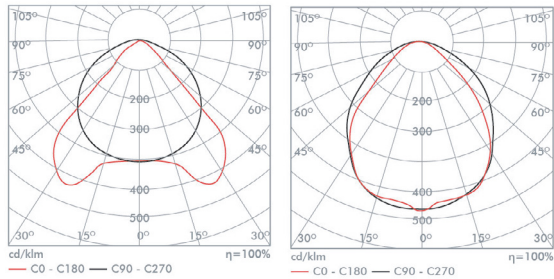
ROAD
OLBA

The name "Olba" comes from an ancient city near our dreamy city Mersin. This city inspired us with different cultural elements in every layer of its ruins.

ROAD

OLBA

S235-S355 steel poles
Wood covered aluminium plinth concealing anchor bolts
Aesthetic design
Double arms, single arm and pedestrian arm product options
Different color and wood coating options with powder paint
Hot dip galvanised in EN ISO 1461 standart



CE TSE 220V 50-60Hz 100 W IP 66 IK 22 CB EN 60598-2-2

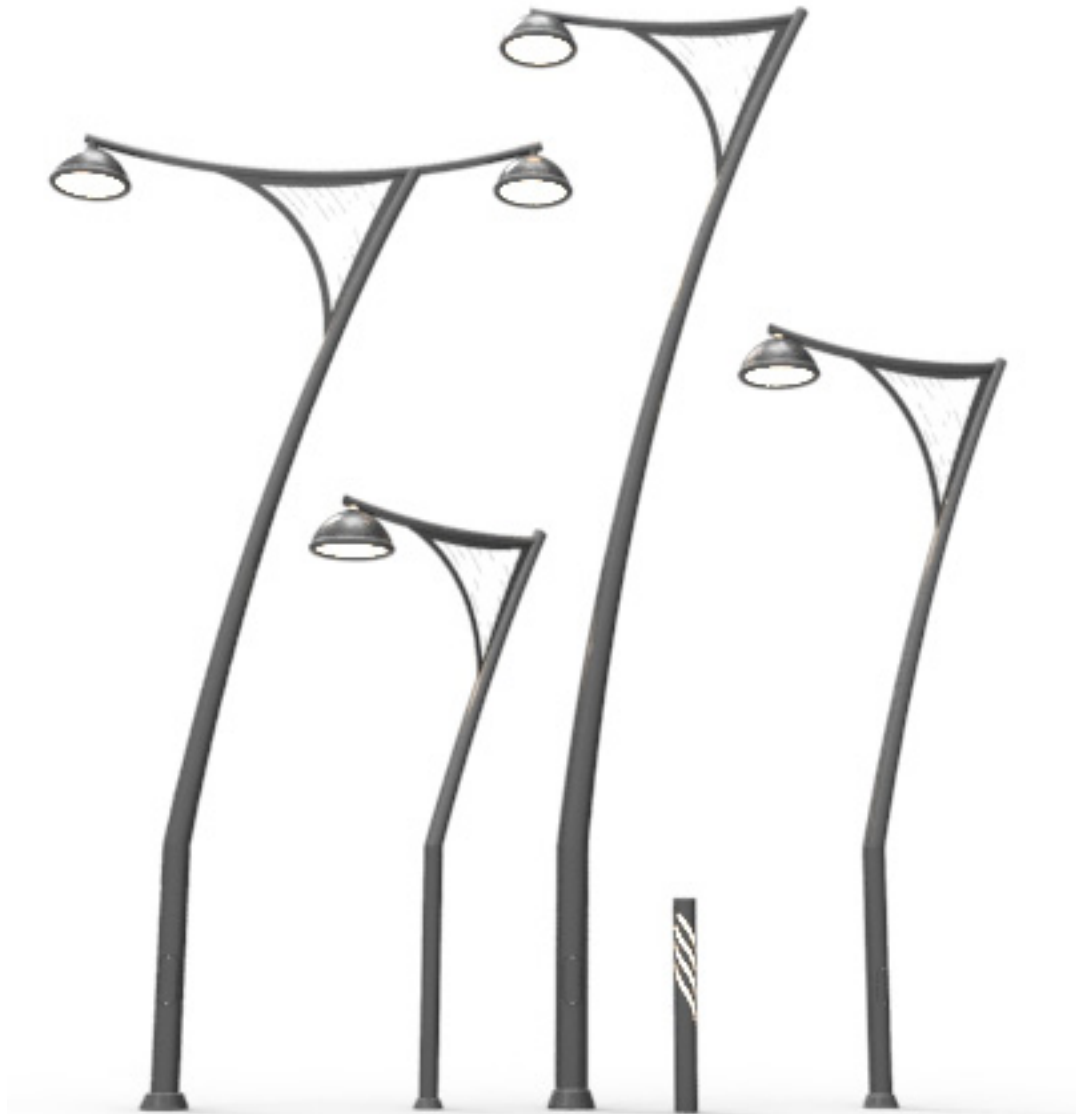
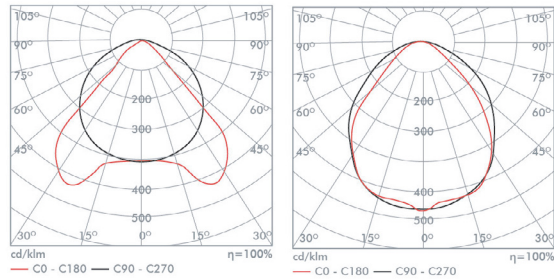




LANDSCAPE
OLBA

LANDSCAPE
OLBA

S235-S355 steel poles
Aluminium plinth concealing anchor bolts
Aesthetic design
Double arms and single arm product options
Different color and wood coating options with powder paint
Hot dip galvanised in EN ISO 1461 standart



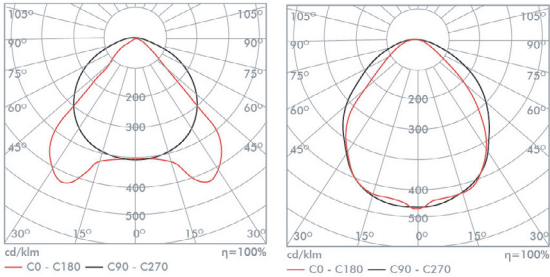


The name "Ida" is the old name of the Kaz Mountains, central of ancient Greek legends. According to one of the legends, this mountain, where the world's first beauty contest was held, is decorated with torches and Aphrohite, who has a thousand shades of light on her face, won the race. The torches of this beautiful legend have inspired us too.

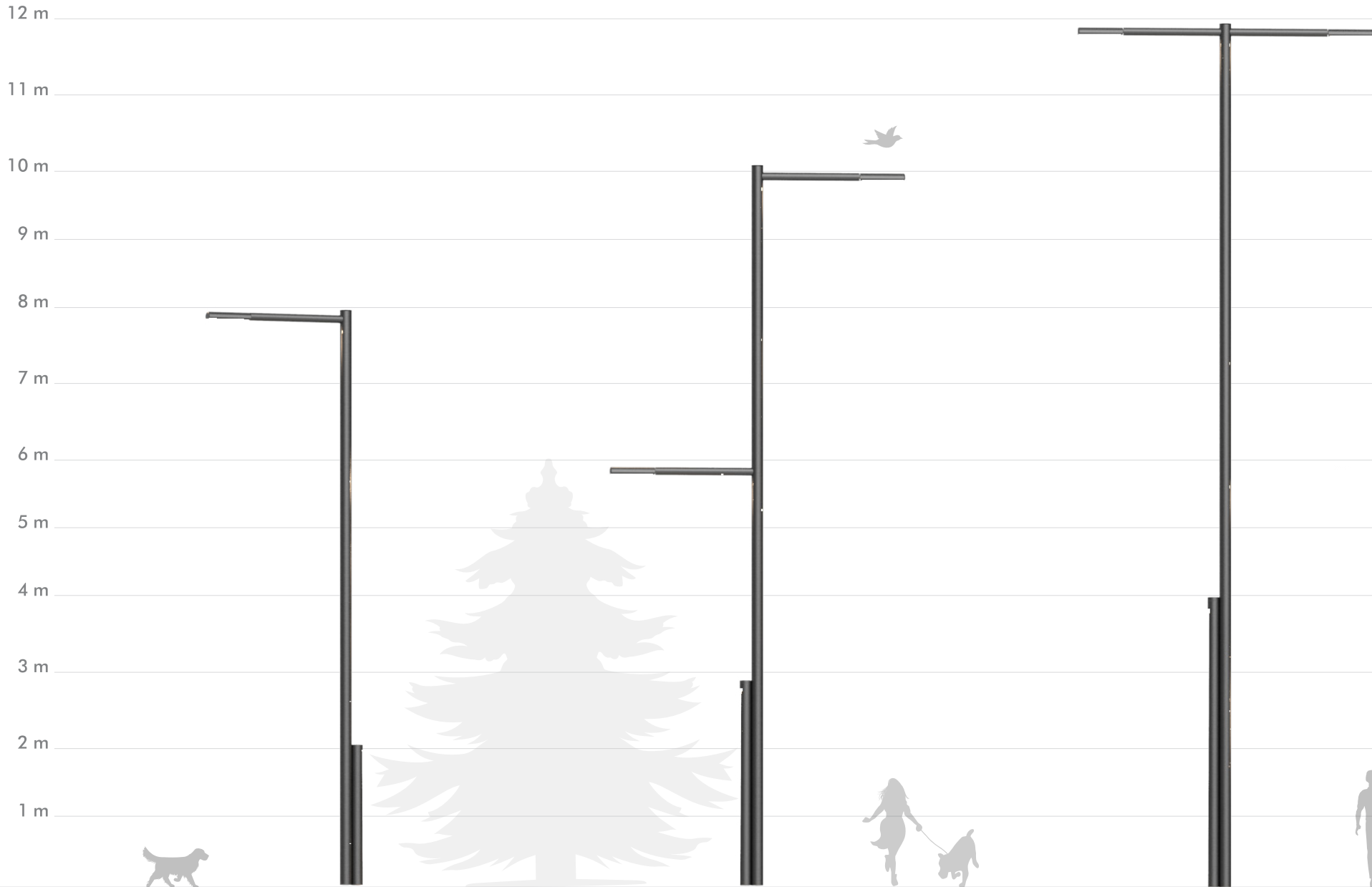
ROAD
IDA

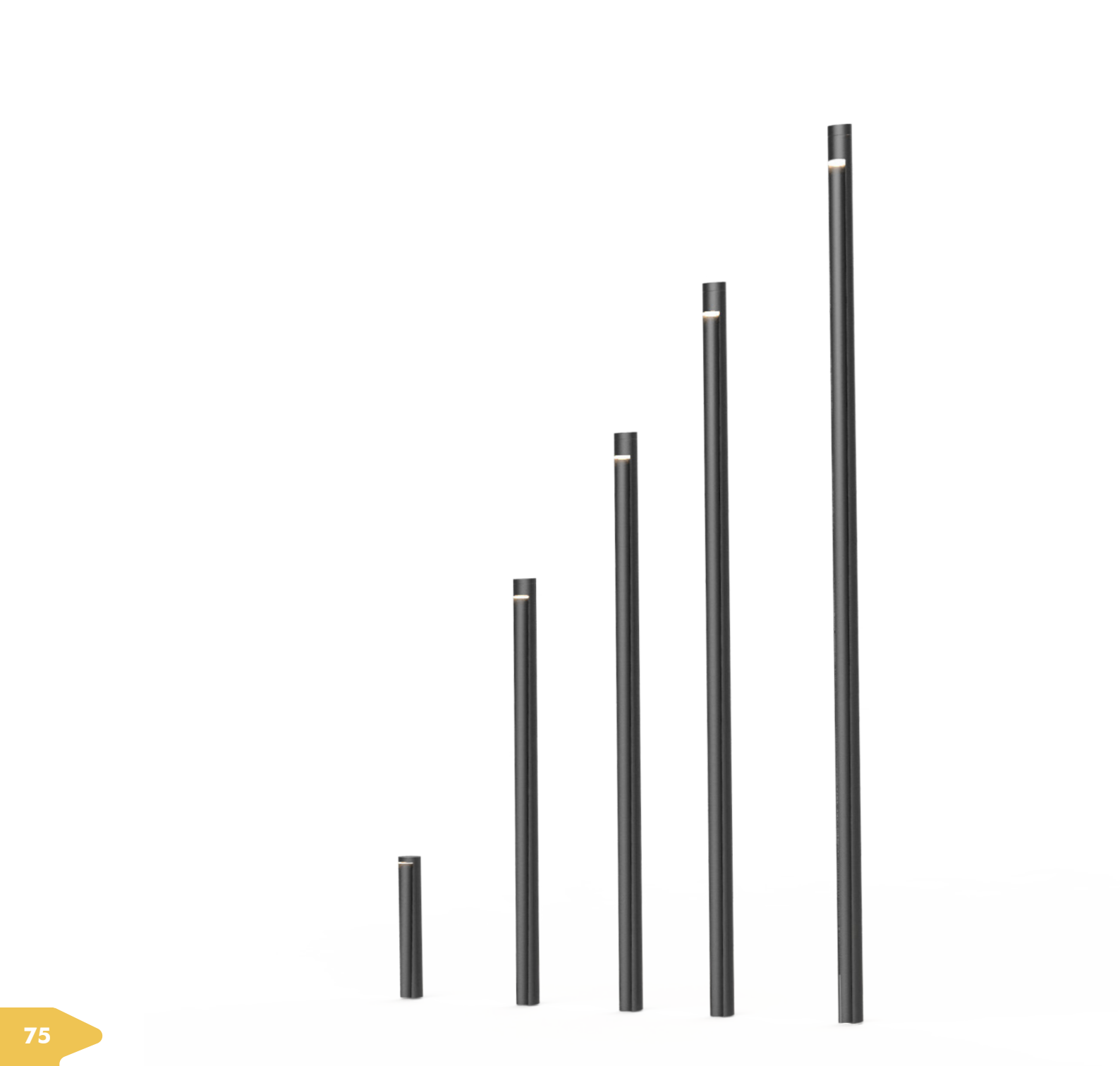
ROAD
IDA

S235-S355 steel poles
Aluminium plinth concealing anchor bolts
Aesthetic design
Double arms, single arm and pedestrian arm product options
Different color and wood coating options with powder paint
Hot dip galvanised in EN ISO 1461 standart



CE TSE 220V 50-60Hz 100 W IP 66 IK 22 CB EN 60598-2-2



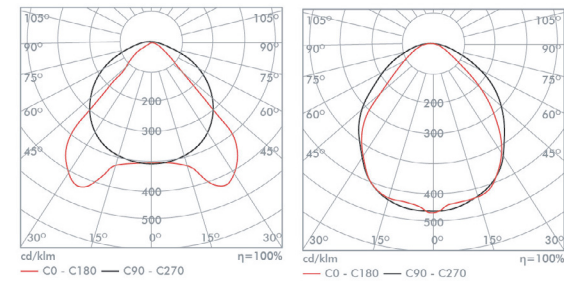


LANDSCAPE
IDA

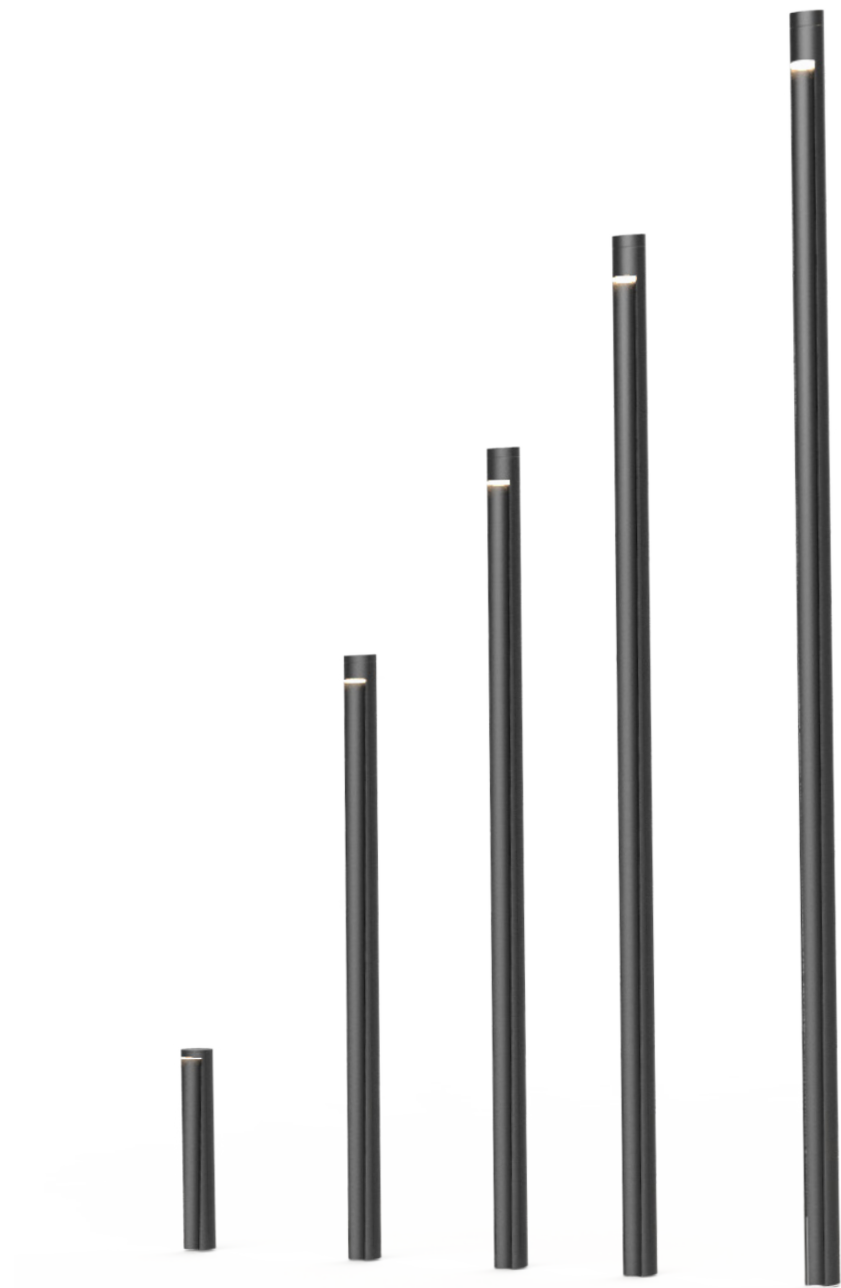
LANDSCAPE

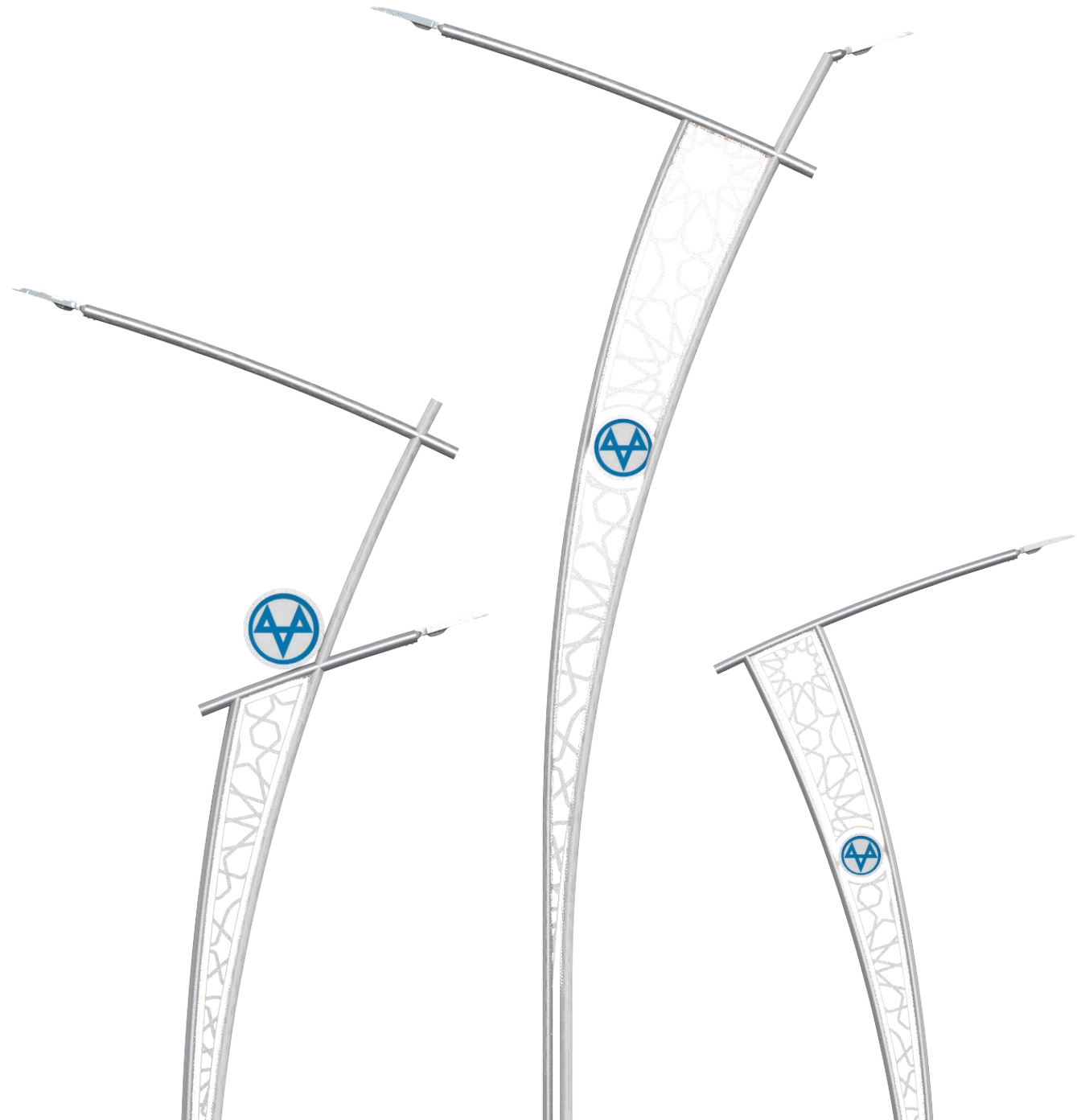
IDA

S235-S355 steel poles
Aluminium plinth concealing anchor bolts
Aesthetic design
Double arms and single arm product options
Different color and wood coating options with powder paint
Hot dip galvanised in EN ISO 1461 standart



CE TSE 220V 50-60Hz 100 W IP 66 IK 22 CB EN 60598-2-2



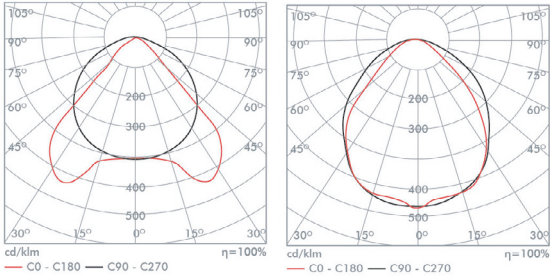


ROAD
HATTENA

"Hattena" comes from our province of Hatay, where cultures meet at every stage of history. This region, where new mosaics are still unprecedented, continues to deeply impress us.

ROAD
HATTENA

S235-S355 steel poles
Patterned panel with LED lighting
Different pattern options
Aluminium plinth concealing anchor bolts
Double arms, single arm and pedestrian arm product options
Different color and wood coating options with powder paint
Hot dip galvanised in EN ISO 1461 standart



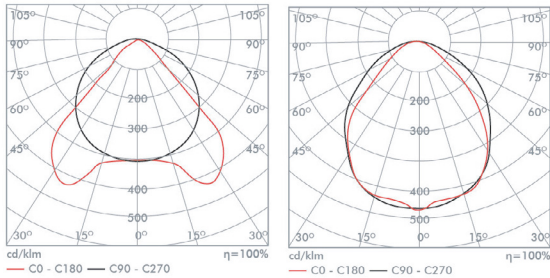
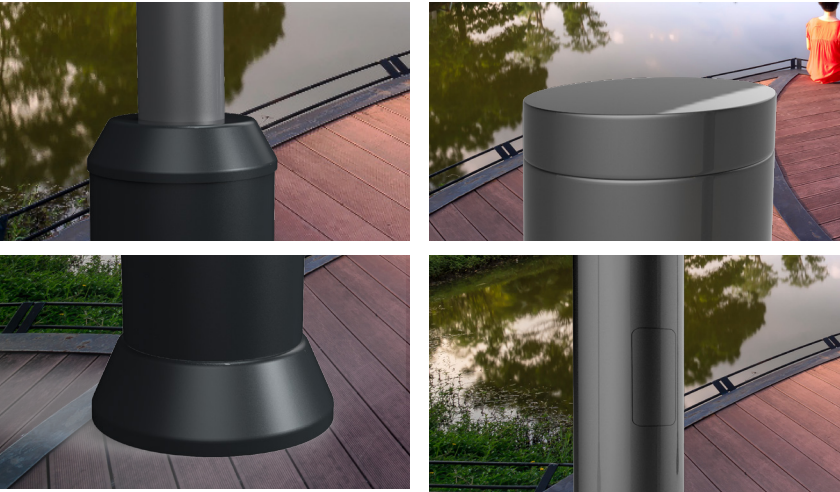


LANDSCAPE
HATTENA

LANDSCAPE

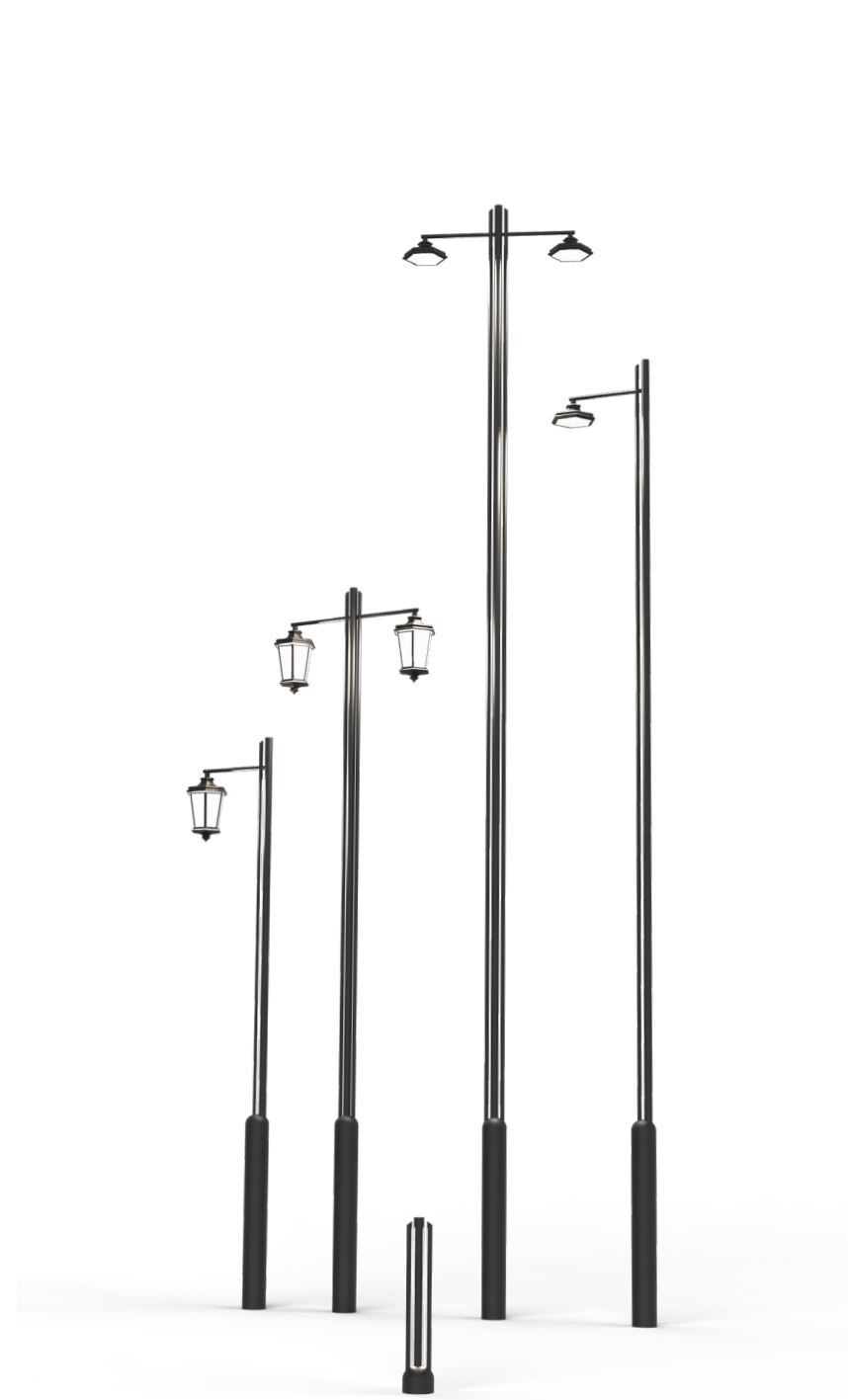
HATTENA

S235-S355 steel poles
Patterned panel with LED lighting
Different pattern options
Aluminium plinth concealing anchor bolts
Double console and single console product options
Different color and wood coating options with powder paint
Hot dip galvanised in EN ISO 1461 standart



CE TSE 220V 50-60Hz 100 W IP 66 IK 22 CB EN 60598-2-2



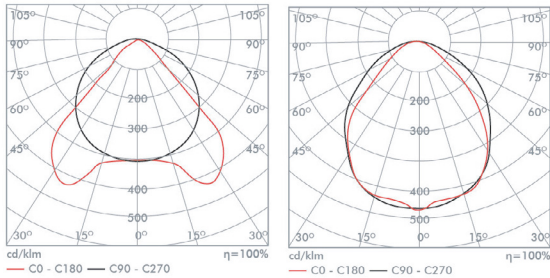


LANDSCAPE
BAKU

LANDSCAPE

BAKU

S235-S355 steel poles
LED lighting
Aluminium plinth concealing anchor bolts
Double console and single console product options
Different color and wood coating options with powder paint
Hot dip galvanised in EN ISO 1461 standart



CE TSE 220V 50-60Hz 100 W IP 66 IK 22 CB EN 60598-2-2



Mitaş Galvanizing Factories have the largest volume in Europe in terms of annual capacity of **190,000** tons.

Having galvanizing kettles at different sizes at **MİTAŞ** enables the coating of various geometries. There is a wide range of materials which are hot-dip galvanized such as, energy transmission line materials, automotive industry products, heavy steel construction and machine industry materials, lighting poles and consoles, grilles, pipes, scaffoldings, sheet metals, hollow sections, anchorages, wire mesh and frames, highway and walkway railings, cabletray, electrical panels, substation materials, solar power plant profiles, and other various steel structures.

INSPECTION AND TEST

For the galvanized products, the following tests are made:

- The coating thickness over zinc-coated products is controlled by a digital micrometer. Average coating thickness can also be detected by acid peeling test
- The thinnest region of the zinc-coating is determined by copper-sulfate dipping test
- Coating adhesion is applied to determine whether the coating lifts off or not

QUALITY

The quality criteria of the hot dip galvanizing process are the thickness (quantity), homogeneity and adhesion of the coating to the surface. At **MİTAŞ**, the hot dip galvanizing process is applied in accordance with the standards and the special requests of the customers are taken into consideration.



COMPOSITES POLES

Mitaş Composites **designs and produces** a variety of composite poles with **conical** or **cylindrical cross sections** for lighting poles, flag poles, distribution poles, camera poles, telecommunication poles, decorative poles or smart city poles. Our poles can be designed according to any desired wind load as per the international standards like **EN40-7**, **AASHTO**, **LTS6-8** or **TIA EIA 222**. Poles are produced **up to 12 m** in **one segment** and can be joined together to reach more heights. Any number and length of brackets can be adapted to the poles as per the customer request. After the poles are produced they are properly packed in order to be assembled at site safely.

COMPOSITES PLANT

This facility uses **filament winding method** up to **12 m** length and **1000 mm** dimensions in its high quality and capacity computer aided machines. Also, all the supporting operations from winding until the final product can be done by the CNC machines facility. The facility is capable of using not only within the **glass fibers** but also **advanced fibers** like **carbon** and **aramid** together with polyester and **epoxy resins**. In the facility there is also a pultrusion line which enables to produce any kind of cross sections (**I, U, L, O, etc.**) up to **1000 x 200 mm** continuously.

ADVANTAGES OF MİTAŞ COMPOSITE POLES

- Low Weight
- Easy Handling and Installation
- High Mechanical Strength
- Corrosion Resistance
- Low Maintenance Cost
- Dielectric Strength



There are two **Electrostatic Powder Painting** lines which are manual and full-automatic within the Paintshop in **Mitaş Gorup**.

The Paint shop has 15.000m2 production area, 12.000Ton/Years painting capacity and Power-Free Conveyor System.

As painting capacity, Turkey's largest powder painting facility.

Our system is especially suitable and designed for Duplex systems (**painting on galvanized surface**).

Nano technological chemicals are used 6 washing-baths instead of environmentally harmful chemicals during the surface cleaning. Thus, it is aiming to be an environmentally friendly facility.

There are also two sandblasting sections in the scope of our facility which is also suitable for sandblasting of steel and galvanized materials.

Our sandblasting units' dimensions are **15 m x 6 m x 4 m (L x W x H)**

A units, only carbon steel materials are manually sandblasted with the appropriate abrasive selected
B units, galvanized products are manually sandblasted by selecting the appropriate abrasive selected

Manual powder painting section dimensions are, **13 m x 11.9 m x 3 m (L x W x H)**
Automatic powder painting section dimensions are, **13 m x 0.8 m x 2 m (L x W x H)**

Based on these data, all kinds of steel / galvanized coated structures can be painted in both manual and automatic powder coating sections up to 13 meters in length. Also metal surfaces such as aluminum can be easily painted.

All production processes starting from the input material stage to the final product are fulfilled by checking compliance with the specifications and standards and assuring them with the tests. The painting operations, which are important for the products, are applied according to **European and American painting standards**.



CERTIFICATIONS

As Mitaş, which does great work in many different fields, we prioritize quality in every factory, every department and every product we produce. Thanks to regular controls and our quality assurance team that constantly follows the industry, we documented our quality at every stage from the materials we use to the entire production process.

The documents we have;

TSE K 555	EN 3834
TSE 40-5	EN 40-5
TSE K 35	EN 1090
TSE K 462	ISO 9001-2015
MEAS ASO - TSE 1461	ISO 14001-2015
TS EN ISO IEC 17025-2017	ISO 45001-2018
CRS11285	EPD CERTIFICATE FOR STEEL TOWERS
EPD CERTIFICATE FOR STEEL GANTRIES	DASİ 022 CERTIFICATE
MILITARY FACTORIES QUALIFIED SUPPLIER CERTIFICATION	Made in Turkey Certificate

Approved Administrations:

Ashghal – Public Works Authority, Qatar
Lusail Real Estate Development Company, Qatar
Qatar Petroleum, Qatar
MOD - Ministry of Defence, Oman
ROP – Royal Oman Police, Oman
KOC – Kuwait Oil Company, Kuwait
ADNOC – Abu Dhabi National Oil Company, UAE
MOS – Ministry of Youth & Sports Affairs, Bahrain
Hydro One – Ontario, Canada
BC Hydro – British Columbia Hydro and Power Authority, Canada
Manitoba Hydro, Canada

MİTAŞ HEADQUARTERS

Eski Güvercinlik Yolu 113 Gazi
06560 Ankara - TÜRKİYE
+ (90) 312 296 2700
+ (90) 312 310 4636
info@mitastower.com



MİTAŞ POLE (ITALY)

Mitaş Poligon (Siderpali)
Via Com. Osteria Della Fontana Nr: 64
03012 ANAGNI (FR)
+ (39) 0775729008
info@mitas-siderpali.com



MİTAŞ FRANCE

CHARIGNON SAS
180 Chemin des Sarrazines 26300
Chatuzange-Le-Goubet - FRANCE
+33 (0)4 75 05 87 37



MİTAŞ POLES (TURKEY)

ASO 2. ve 3. OSB Alıcı OSB-2001. Cd. No: 22
Sincan, Ankara - TÜRKİYE
+ (90) 312 296 2700
+ (90) 312 310 4636
pole@mitasindustry.com
poleyurtici@mitasindustry.com



MİTAŞ GALVANISING (İZMİR)

Uzunbey, Ali Fuat Cebesoy Cd.
No:14, 41180
Karatepe - KOCAELİ
+ (90) 316 511 5836
+ (90) 212 310 4636
info@mitasgalva.com



MİCHA İZMİR

Çarıklar Mah. 5004 Sok.
No:8 Aliaga OSB (ALOSBI)
Aliaga, İzmir - TÜRKİYE
+ (90) 232 570 3000
info@michatower.com



All rights reserved to Mitas Industry Inc.