



WOODEN

POLES



Your trailblazer for a safe
and pleasant environment



Warm choice

The Tehomet wooden lighting pole stands out as a truly unique offering. It presents an environmentally conscious and innovative approach to enhance the beauty of the surrounding architecture and embrace the local characteristics. Through thoughtful choices, an unassuming piece of infrastructure has the potential to transform into a delightful signature landmark.

Welcome to the enchanting world of Tehomet wooden lighting poles!

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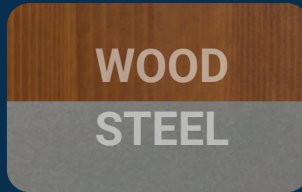
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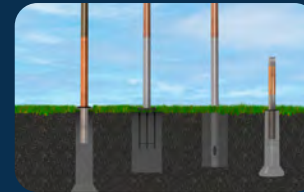
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A global partnership for safer and better environments

Tehomet was founded in 1979 and is the largest manufacturer of custom steel and wooden lighting poles and high masts in the Nordic countries. The company has been based in Kangasniemi, Finland, throughout its history. In 2005, Tehomet Baltic was founded in Estonia to serve customers in the Baltic region.

At Tehomet we do not just manufacture products, we also provide a broad spectrum of support services for every stage of a project. We consult, design and plan, calculate wind loads, lead projects, and organize goods deliveries. We excel in custom projects that allow us to go beyond standard products and bring our customers' unique visions to life.



Tehomet factory and headquarters in Kangasniemi, Finland.



Tehomet factory in Kiiu, Estonia.

The entire world is our market area

Tehomet has a long history and strong local roots and in 2007 we became a member of Valmont Industries, a global leader in the lighting pole industry with 70% ownership by Valmont, 30% by the Kettunen family. Tehomet supports and supplies the global markets served by Valmont International with installations spanning from the Americas through to the Middle East and numerous locations in between. With this comes mass of experience and capabilities for future projects and challenges.



In 2007, Tehomet expanded its range of products to include the production of wooden poles in Parikkala, located in the South Karelia region of Finland. Our production site is in the heart of the forest and equipped with all the necessary technology, and is staffed by skilled locals.

Our mission has always been to support our customers, both big and small, in creating a safer and more pleasant environment for all of us. We do this one lighting pole at a time. Every day, we serve contractors, wholesalers, towns and cities, municipalities, infrastructure consultants and lighting designers.

**Parikkala
wooden
pole factory**



Valmont Industries, Inc.

Valmont Industries, Inc., listed on the New York Stock Exchange (NYSE:VMI) in the United States, not only manufactures poles, but also products for the needs of wireless communications and public utilities, including special lighting poles and masts, irrigation equipment for agricultural use, and miscellaneous support structures. Additionally, Valmont is a supplier of steel tubes and coatings.



Valmont global headquarters in Omaha, Nebraska, USA.

valmont 



Valmont's global presence



Find a Valmont location near you on the [Valmont website](#).



VALUES

Striving for more. Tehomet's continuous improvement through values

VALMONT'S VALUES

We are dedicated to supporting Valmont's values, which are:

Passion

We have a passion for our products, services and customers.

Integrity

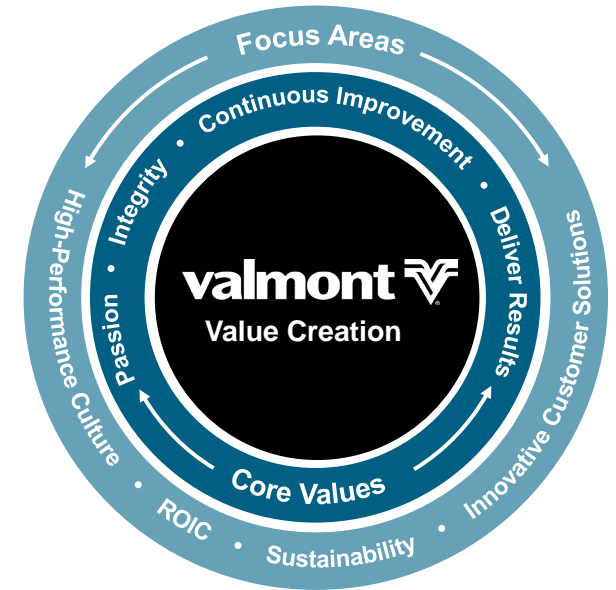
We operate with absolute integrity.

Continuous improvement

We strive for continuous improvement, removing waste everywhere with a true sense of urgency.

Delivering results

We consistently deliver results.



Our environment – our goal





OUR GOAL

is to achieve the lowest environmental footprint possible for all your projects, whatever the material.



At Tehomet, we are committed to reduce our carbon footprint to lower greenhouse gas emissions and protect our planet. We understand the scale of the task and the importance of the Kyoto Protocol, which is why we focus on the carbon footprint of our products.

Calculating the volume of greenhouse gas emissions throughout the life cycle of a product and converting it into CO₂ equivalents helps us determine its carbon footprint. This varies based on several factors like diameter, height and materials.



Reduce, reuse, recycle

At Tehomet, we continuously innovate our products to reduce their carbon footprint. Our approach includes:

- Using high-tensile steel for optimized designs
- The highest economic and environmental added value – the cascading principle of biomass
- Waste recycling or treatment in plants
- Optimizing the entire production process, such as material usage and delivery routes



Transforming wooden poles into new products

We are proud to offer wooden poles that are made from renewable resources and we use slowly grown coniferous tree species from the boreal forest zone. As a result, the material durable is due to its dense wood annual rings.

Wooden poles can be reused and recycled after use to produce veneer, high pressure laminate (HPL), wood decking or even mulch for landscaping. In Finland, at the end of their natural life span, according to the cascading principle of biomass, wood chips can later be used as the primary source of energy for district heating systems. Moreover, the ash, which is a by-product of energy production, is refined into a form suitable for forest fertilization.



The unique properties of slow-grown Finnish pine



At Tehomet, we are proud that we only use sustainably sourced materials for our wooden poles. We use Finnish PEFC-certified pine to create our poles, ensuring that new trees are planted to replace those used for production.

PEFC-certified wood

PEFC (Programme for the Endorsement of Forest Certification) is an international forest certification system that promotes ecologically, socially and economically sustainable forestry worldwide.

Approximately 10 percent of the world's forests are certified, with about 300 million hectares, or two-thirds, meeting PEFC standards. By using PEFC-certified wood, we can guarantee that our products meet the highest environmental standards, while also ensuring the sustainability of the forests from which we source our materials.





Slow-grown wood for durability

The growth season for trees in Finland is relatively short and most coniferous species begin to grow at the end of May. The most rapid growth occurs between June and July, with annual growth typically ending in August. Trees in the boreal forest zone grow slowly, supplying dense annual wood rings that result in a strong, durable material.

From forest to wooden poles

Our wooden poles are constructed using glulam beams, which are sawn structural timber strips known as lamellas. To make the desired size, these lamellas are sliced along the grain, planed and glued together. The heartwood is attached to face outward from the beam to promote longevity and prevent cracking.



WHY CHOOSE WOODEN POLES?

The unique benefits of Tehomet wooden poles

Wooden poles offer many advantages over other materials, including sustainability, versatility and durability.

Environmental footprint

We use Finnish PEFC-certified pine to create our wooden poles. This ensures that our materials are sustainably sourced and that new trees are planted to replace those used for production.

Thanks to our multilayer surface treatment system, Tehomet wooden poles receive long-lasting protection. All the surface treatment products we use are waterborne and environmentally friendly, which makes them easy to reuse and recycle.

By choosing a wooden pole, you show your commitment to eco-friendly design.

In harmony with the built environment

Another key advantage of wooden poles is their compatibility with surrounding architecture. Wood has a warm and natural feel that can blend seamlessly with almost any setting. It's a beautifier of the environment even during the bright hours of the day.



And the selection?

Wood is a versatile material that offers a wide range of design possibilities. Whether you're looking for a sleek, modern look or a more traditional aesthetic, there's a wooden pole that will match your vision. And with so many different arms, accessories and finishes to choose from, you can create a truly custom look that perfectly complements your project.

Durability and strength

The boreal forest zone's slowly grown coniferous species supply dense growth rings, resulting in a strong, durable material. Relative to its weight, glued laminated timber is one of the strongest building materials available.

Our glulam beams are manufactured according to Eurocode 5 of strength class GL28h timber, ensuring a prominent level of durability and strength. In extreme load cases, we can adopt even higher strength classes. Additionally, we can supply poles made of further enhanced weather-resistant materials upon request.

Choose a Tehomet wooden pole and let your project shine around the clock.









PRODUCTION

The art of crafting wooden poles



All of Tehomet's wooden poles are manufactured at our Parikkala factory in Finland using glulam beams made of PEFC-certified Finnish pine.

The manufacturing process of wooden poles

Our wooden poles go through several stages in the manufacturing process to ensure they meet our high-quality standards.

Machining into the correct shape

The first step of the process depends on the cross section of the pole. If it is round or conical, we use computer numerical control (CNC) machining to shape the pole. If it is square or rectangular, we plane it to the correct dimensions. This stage is crucial, as it gives the pole its characteristic shape.

Milling recesses to wood

After shaping the wood beam, our skilled technicians mill recesses to the wood for mounting the steel base and other components to the wood shaft.

Finishing the wood shaft

We pay close attention to detail in finishing our wooden poles. We fix any visual defects, such as dry knots and prepare wood for the surface treatment.



Square and rectangular poles are shaped with a milling cutter.



Using a CNC machine, round and conical poles are formed.



The lower part of the shaft is milled exactly to fit the steel base.



PRODUCTION

Protecting wood

The surface treatment methods used by Tehomet aim to achieve two main goals: environmental friendliness and the best possible protection for wooden products throughout their life cycle.



The shape of the pole is finished with a grinding machine.

Optimizing the product safety

The packaging of wooden lighting poles is customized for each order, prioritizing optimal product protection, while minimizing packaging materials.



The poles are carefully surface treated using a method developed by Teknos.

We ship well-packed and protected poles on pallets globally in partial loads or full trucks when delivered to Europe. Containers are usually used for overseas deliveries. Air freight is also possible when shorter transportation times are required.



Before delivery to the customer, the finished wooden poles are protected for transport.



All dry knots and other defects are removed and fixed by gluing wooden patches.



The poles are dried between each surface treatment layer to achieve the best result.



RESEARCH, DESIGN AND ENGINEERING

At Tehomet, we have achieved the position as the leading manufacturer of lighting poles in the Nordic countries with long-term research work, insightful design and standard-based engineering.

Research and development

Through years of research and development, Tehomet has cooperated with top research centers and testing laboratories, each with their own unique expertise.

These partnerships have enabled Tehomet to create high-end products that are not only aesthetically pleasing, but also meet the highest standards in durability and safety.

Design

Industrial design is crucial in creating urban lighting structures. It acts as the essential interface between customers, sales teams, engineering offices and production facilities.

The industrial design process aims to develop products that benefit both the end user and the manufacturer, striking a balance between form, materials and manufacturing techniques.

The key elements behind Tehomet's high-end lighting poles



From design to production, each product undergoes systematic development and evaluation based on aesthetic, technical, economic and environmental criteria. Our Engineering Department ensures that you receive the most suitable and validated solution for your project.

Wooden poles and masts must withstand various weather conditions, wind and weight loads and the number of lighting fixtures and additional equipment used. To guarantee the resistance of our poles and masts, based on over 20 international standards and regulations, Valmont has developed its own PAUL software for strength calculations. All pole calculations follow regulations EN 40 (lighting poles) and Eurocode 5 (design of timber structures) in the absence of valid regulations and basics for CE markings.

We ship well-packed and protected poles on pallets globally, in partial loads or full trucks when delivered to Europe. Shipping containers usually transport overseas deliveries. Air freight is also possible when shorter transportation times are required.



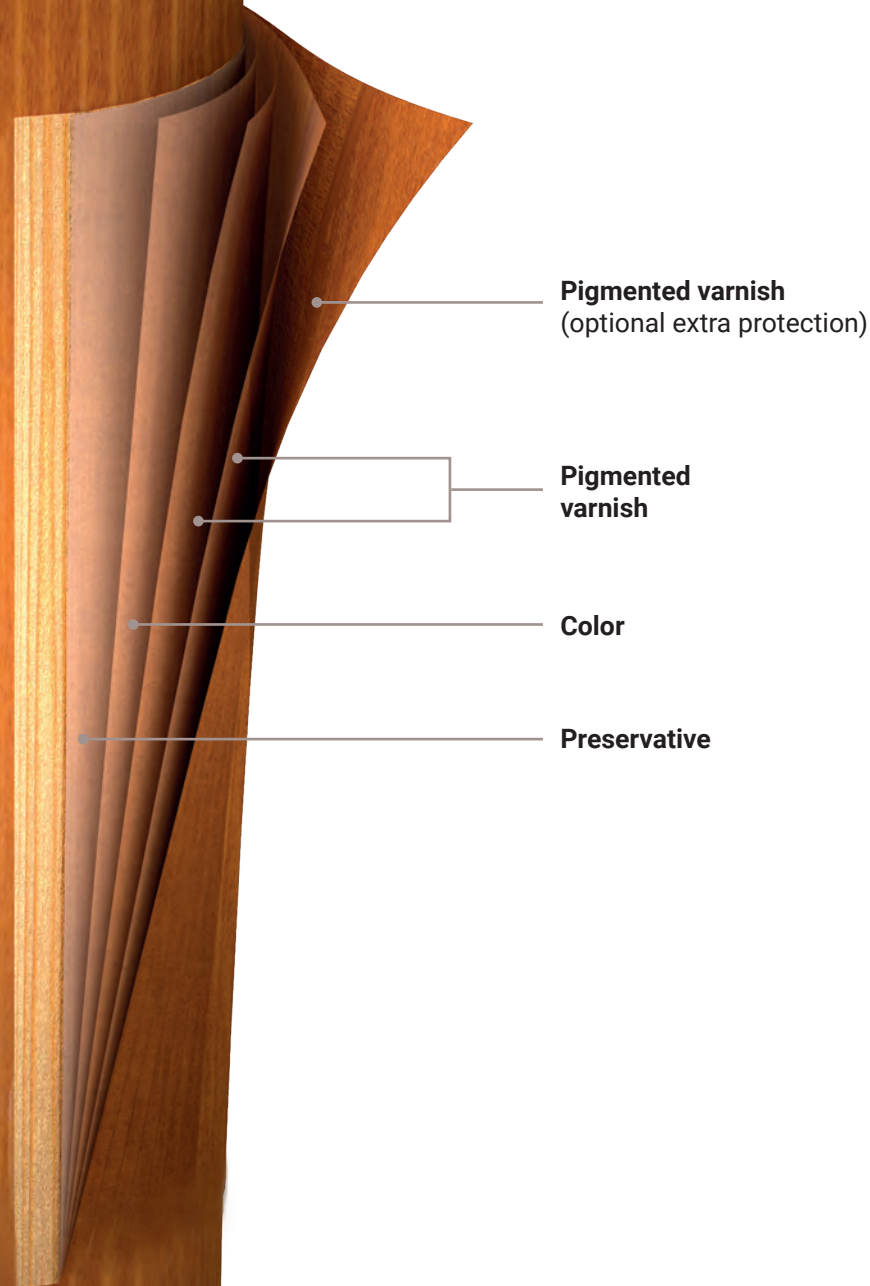
Combining environmental friendliness with optimal protection

Tehomet's wooden lighting poles are constructed with a combination of steel components and a wood shaft. In order to provide long lasting protection against corrosion and harsh environmental conditions, both the steel and wooden elements undergo a series of coating and surface treatment procedures to guarantee long-lasting performance.



WOOD

STEEL



Treatment layers

The first layer protects the wood from mold, rot and blue stain fungi. The second layer gives the wooden pole a beautiful translucent hue in accordance with the customer's wishes. The following coats of tinted varnish will provide improved protection from both UV radiation and variations in weather and humidity for many years to come.

Wooden shaft

Our wooden poles are treated multilayered protective coating, with each layer serving a specific purpose. Utilizing environmentally friendly and waterborne protective agents, we ensure that our wooden poles retain their beauty for an extended period.

Testing and standards

Steel components are hot-dip galvanized in accordance with the EN ISO 1461 standard and powder coated.

For more information on painting services, visit [Tehomet's website](#).



TEHOMET'S COATING SOLUTIONS

Wood colors

SMOOTH



VANILLA

CINNAMON

CARAMEL

NUTMEG

SAFFRON

COCOA

SLATE

TOPAZ

ONYX



BRUSHED

Please note that the colors presented may vary from reality due to printing techniques.





**Powder coating
(optional extra protection)**

Powder coating

Hot-dip galvanizing

Raw steel

Steel components

Before being painted, the steel components of Tehomet's wooden lighting poles are hot-dip galvanized. This method provides a protective layer that is resistant to corrosion. However, to further strengthen and protect the surface, a duplex coating method is used. This involves applying a layer of paint on top of the galvanized steel, providing an additional shield against corrosion.

Powder coating, a fast and environmentally friendly option, is utilized in our paint shop to create a durable surface. Other options such as wet paints and Plascoat thermoplastic coatings can also be used to achieve specific finishes.

Testing and standards

Steel components are hot-dip galvanized and powder coated in accordance with the EN ISO 1461 standard.

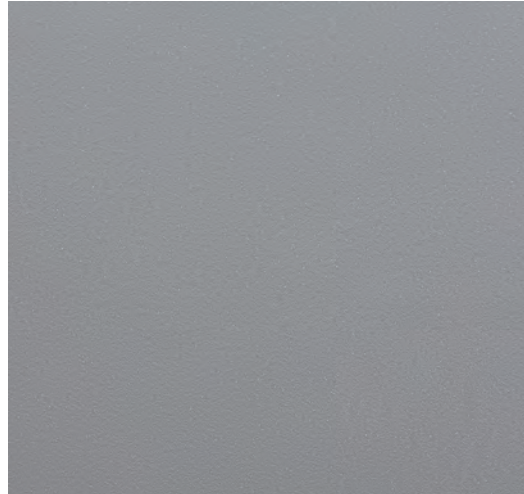
For more information on painting services, visit [Tehomet's website](#).



Steel colors



SILVER GREY
Powder coated



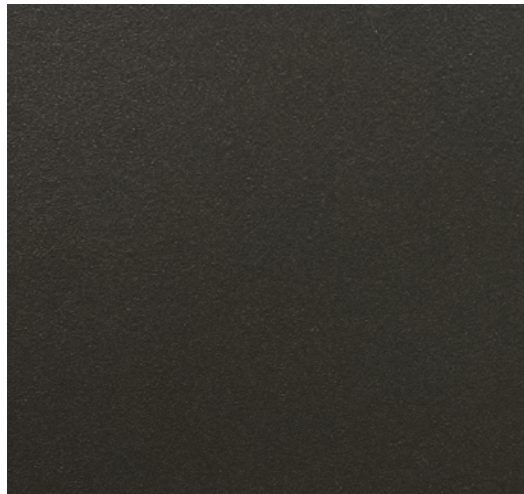
FJORD 05
Powder coated structured



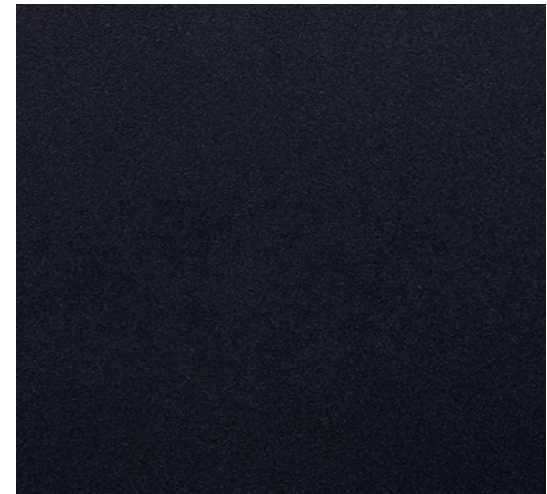
MARS
Powder coated structured



DARK BRONZE
Powder coated



GREY 900 SAND
Powder coated structured



BLACK 200 SAND
Powder coated structured

Please note that the colors presented may vary from reality due to printing techniques.

Other colors available based on requirements.



The anatomy of a wooden lighting pole from top to bottom.



POLE STRUCTURE

Steel top - - - - -

Wood shaft - - - - -

Steel base - - - - -

Pre-fabricated concrete base - - - - -

Flanged base - - - - -

Rooted base - - - - -

A pole is constructed of several components.

The base section of a wooden pole is made of steel. This enables convenient equipment installation by providing a spacious connection compartment behind a seamlessly mounted door. Additionally, the wooden pole can accommodate two or more handholes if necessary.

INSTALLATION OPTIONS



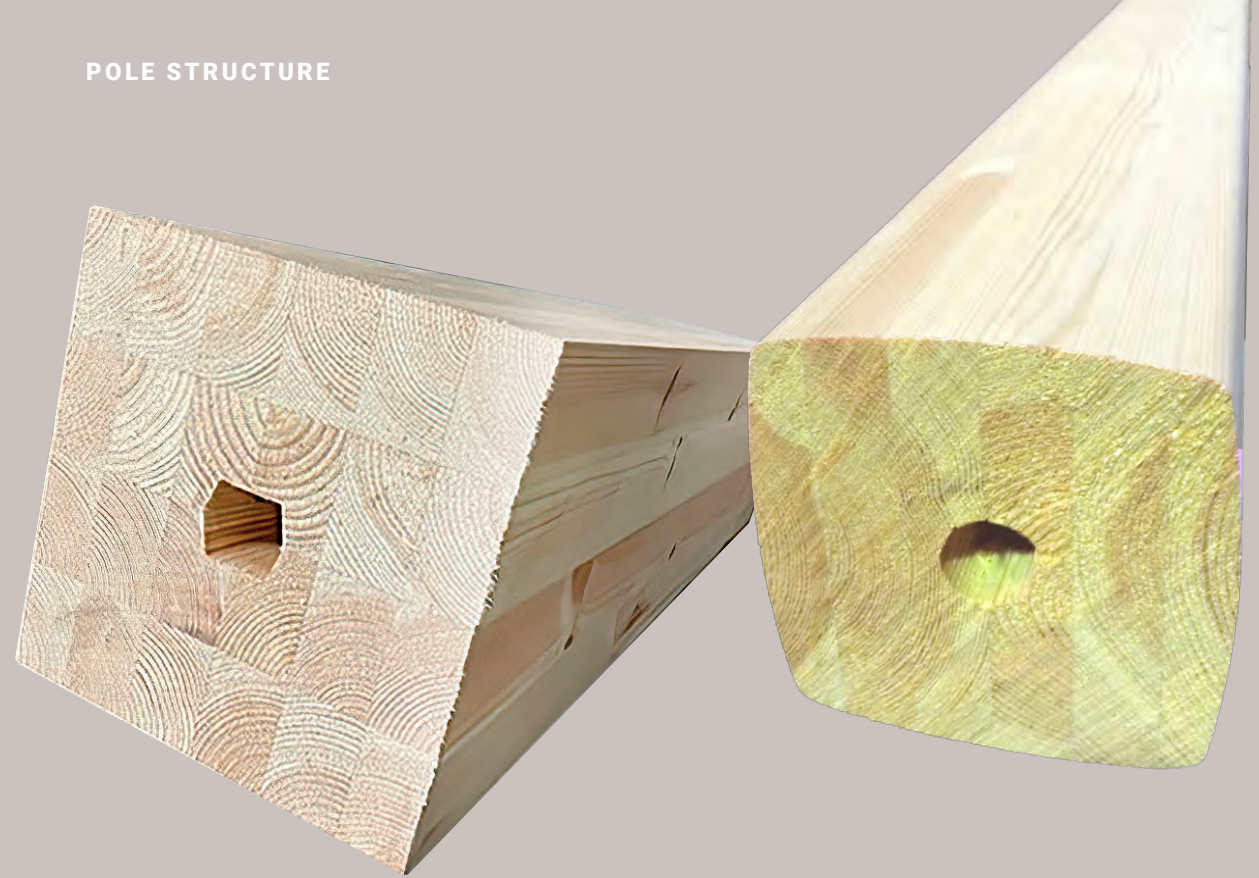
Engineered for durability and performance

All the glulam beams we utilize are produced in strict accordance with the SFS-EN 14080 standard.

Glulam refers to a wood structure created by gluing lamellas together. We normally use GL28h.

The structure consists of several glue joints, which improves the moisture resistance of the glulam. By utilizing smaller lamellar dimensions, we effectively minimize waste.

To achieve larger dimensions, smaller nominal lamellas have always been employed as raw materials. The selection of lamellar dimensions depends on various factors, including the manufacturing process, adhesive type and the desired dimensions of the glulam beam.



Benefits of glulam timber

- Load bearing capacity
- Dimensional stability
- High quality technical performance
- Glulam beam is glued from several homogeneous lamellas with a weather-resistant adhesive
- The heartwood, which contains the wood's natural protective substances, is laid outward for improved durability
- A hole is machined in the center to allow the wiring to pass through



Illuminating local identity: the art of personalized lighting poles

PERSONALIZATION OPTIONS

Urban design is about creating spaces that reflect the local identity and culture of a city and its inhabitants. One way to achieve this is through personalized lighting poles that capture the essence of the surrounding community.

At Tehomet, we believe that lighting poles can be more than just functional objects – they can also be art that embodies the unique character of a place.

Our design team can work with you to create customized lighting poles that incorporate different elements like graphics, laser engravings, integrated lighting and structures that reflect the local identity of your city or urban area. By doing so, we can make your project even more desirable and evocative to citizens, helping to foster a greater sense of community pride.



OULU Finland

PERSONALIZATION OPTIONS



PERSONALIZATION OPTIONS



ÄÄNEKOSKI Finland



TAMPERE Finland



PERSONALIZATION OPTIONS



PERSONALIZATION OPTIONS



LE BOURGET France



SAVONLINNA Finland



Unleash your creativity with Tehomet's custom products

Tehomet's custom products offer an impressive appearance and custom dimensioning that can't be found in the standard collection. These products are always designed with the customers' unique requirements in mind.

If you can imagine it, Tehomet can create it

Tehomet is known for its extremely flexible, solution-oriented customization skills that involve truly listening to our customers' wishes, as proven by feedback we have received. Our custom products are designed to not only meet but exceed our customers' expectations.

Support from our design service

If you are unfamiliar with Tehomet's design service, check out all the possibilities! Our engineers will recommend the best sources of information and help you with any practical arrangements.

Asking costs nothing. On the contrary, you will often save time and money if we can get together at an early stage to bounce around ideas about materials, technical solutions and opportunities.

Don't hesitate to contact us today to discuss your unique requirements and wild ideas. Our dedicated team is committed to providing you the most creative and effective solutions available.



CUSTOMIZED POLES



CUSTOMIZED POLES



STRANDLYKKJA Norway

CUSTOMIZED POLES



CUSTOMIZED POLES



DONGEN Netherlands



CUSTOMIZED POLES



CUSTOMIZED POLES



HELSINKI Finland



KIRKKONUMMI Finland



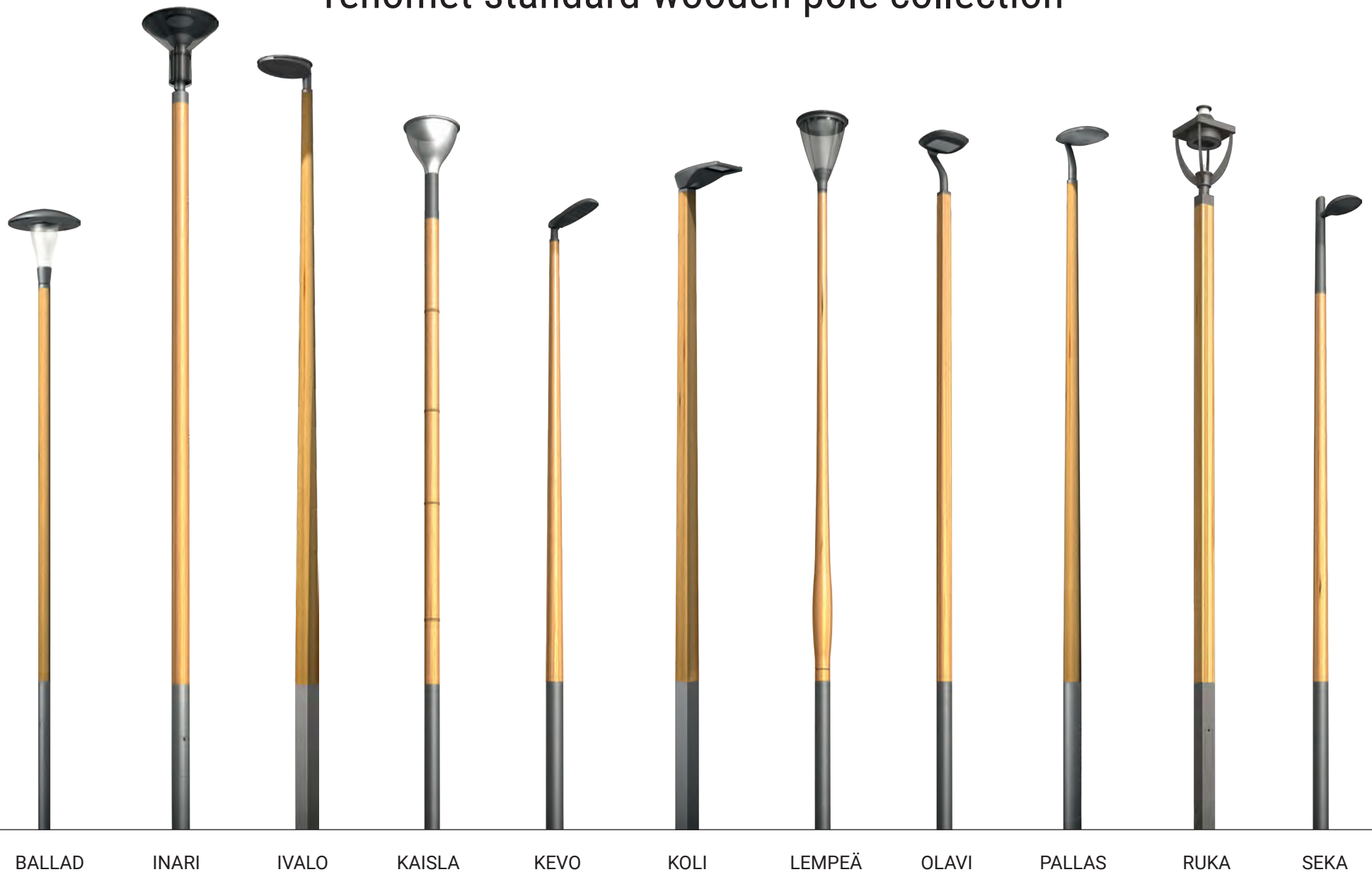
Standard poles

Wooden Park models are a maximum of 6 meters high. They are designed for mounting post-top luminaires or using short arms on wood shafts. Standard spigots are 60 mm and 76 mm.

Standard poles of more than 6 meters in height can be equipped with arms from our standard range or a luminaire manufacturer's luminaire-specific arms. We can also design and implement individual arm solutions for most models.



Tehomet standard wooden pole collection



STANDARD POLES – BALLAD

BALLAD



Gracefully natural

Standing at a maximum of 4 meters, Ballard's compact design allows us to use only post top luminaires.

Furthermore, the wooden surface of Ballard is intentionally left rough after machining. No polishing or brushing done for this model.



STANDARD POLES – BALLAD



Visualization



PONT-L'ÉVÊQUE France



Dimensions



BALLAD PARK											
Main dimensions (mm)				Door (mm)				Flange (mm)		Plant depth (mm)	
Height (m)	Top ø	Base ø	Steel height	Height	Width	Distance	Internal dimensions	Bolt spacing	Side length	Concrete	Ground
3	90	90	1100	300	65	500	60x45	200x200	270	500	800
3,5											
4											

CLICK on the pole height to see recommended installation methods and downloadable files on our website.

Luminaires can be installed on top of the pole. Ask for other customization options from Tehomet sales.



Capacity of the poles

BALLAD													
Height (m)	Ø (mm)	EN40 EN1995											
		22m/s CAT2	22m/s CAT1	24m/s CAT2	24m/s CAT1	26m/s CAT2	26m/s CAT1	28m/s CAT2	28m/s CAT1	30m/s CAT2	30m/s CAT1	32m/s CAT2	32m/s CAT1
3	90	0,42	0,35	0,35	0,27	0,27	0,23	0,23	0,19	0,19	0,15	0,15	0,11
3,5	90	0,27	0,23	0,23	0,17	0,17	0,11	0,15	0,11	0,11	0,07	0,07	0,07
4	90	0,19	0,11	0,11	0,07	0,07	0,03	0,07	0,03	0,03	-	0,03	-



STANDARD POLES – INARI

INARI

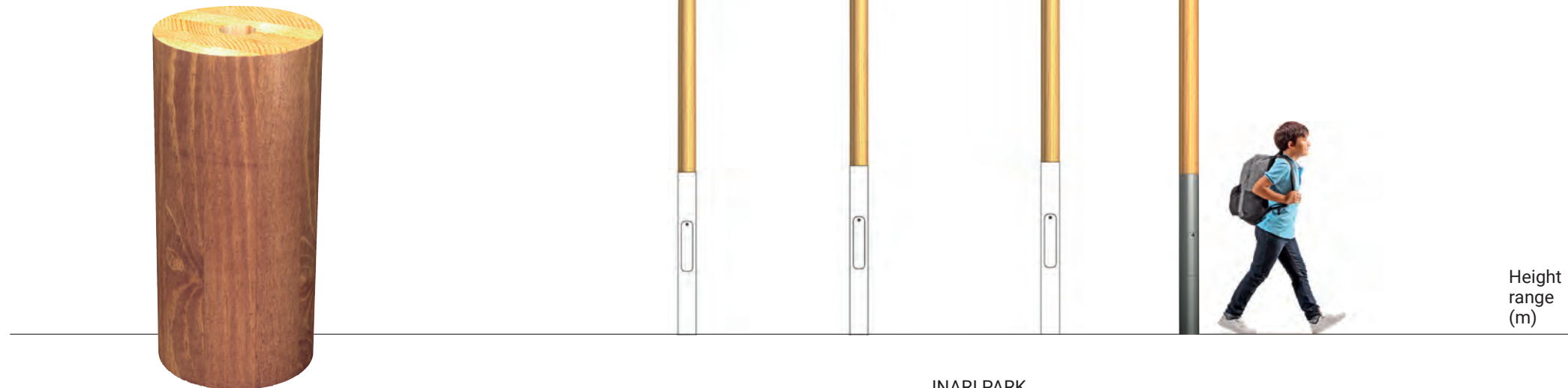


Everlasting style of Inari

Inari's sleek and minimalist design draws inspiration from the unblemished beauty of Finland's Lapland region. The simplicity of the pole's structure makes it easy to pair with a diverse range of luminaires, resulting in a visually pleasing and top-tier outcome.

Thoughtfully selected color combinations for the wooden and steel sections enable the pole to either blend in seamlessly with its environment or stand out as a striking feature. Thanks to its robust construction, Inari can be utilized not just as a standard lighting pole but also as a surveillance camera pole. Inari is also available as a bollard.

The pole does not include the arm and the lantern.



INARI PARK



STANDARD POLES – INARI



BETTIGNIES France

STANDARD POLES – INARI



HELSINKI Finland



BUSSY-SAINT-GEORGES France





STANDARD POLES – INARI



MOULINS LÈS METZ France



KUOPIO Finland



STANDARD POLES – INARI



STANDARD POLES – INARI



INARI Finland



KUOPIO Finland



Dimensions



INARI PARK											
Main dimensions (mm)				Door (mm)				Flange (mm)		Plant depth (mm)	
Height (m)	Top ø	Base ø	Steel height	Height	Width	Distance	Internal dimensions	Bolt spacing	Side length	Concrete	Ground
3	140	140	1300	400	85	500	80x90	200x200	270	500	800
4											
5											
6											1000

CLICK on the pole height to see recommended installation methods and downloadable files on our website.

Luminaires can be installed on top of the INARI pole or with fixed, one- or two-sided side mounting brackets. Ask for other customization options and regional standard range variants from Tehomet sales.



Capacity of the poles

INARI PARK													
Height (m)	Ø (mm)	EN40 EN1995											
		22m/s CAT2	22m/s CAT1	24m/s CAT2	24m/s CAT1	26m/s CAT2	26m/s CAT1	28m/s CAT2	28m/s CAT1	30m/s CAT2	30m/s CAT1	32m/s CAT2	32m/s CAT1
3	140	2,69	2,26	2,26	1,87	1,91	1,60	1,64	1,36	1,44	1,21	1,25	1,05
4	140	1,56	1,25	1,28	1,05	1,09	0,89	0,93	0,74	0,82	0,66	0,70	0,54
5	140	0,93	0,74	0,78	0,62	0,66	0,50	0,54	0,42	0,46	0,39	0,42	0,31
6	140	0,54	0,42	0,46	0,35	0,39	0,31	0,31	0,27	0,27	0,19	0,23	0,15



STANDARD POLES – IVALO

IVALO



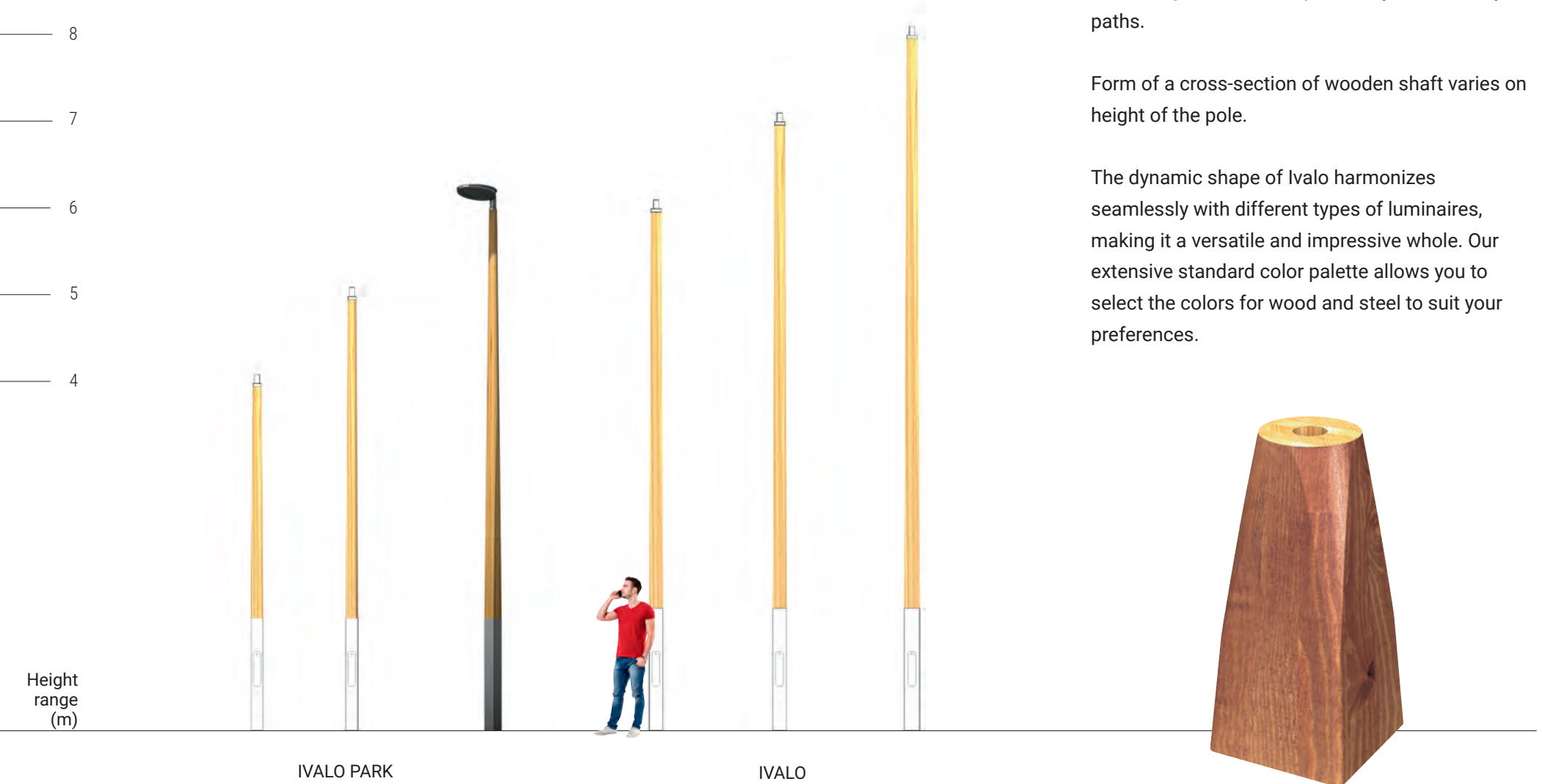
The pole does not include the arm and the lantern.

Changing shape

In the Ivalo range, a square base blends effortlessly with a rounded top. This makes it ideal for enhancing aesthetics of parks, city streets or cycle paths.

Form of a cross-section of wooden shaft varies on height of the pole.

The dynamic shape of Ivalo harmonizes seamlessly with different types of luminaires, making it a versatile and impressive whole. Our extensive standard color palette allows you to select the colors for wood and steel to suit your preferences.



STANDARD POLES – IVALO



STANDARD POLES – IVALO



STANDARD POLES – IVALO



TUUSULA Finland



TUUSULA Finland



Dimensions



IVALO PARK											
Main dimensions (mm)				Door (mm)				Flange (mm)		Plant depth (mm)	
Height (m)	Top ø	Base □	Steel height	Height	Width	Distance	Internal dimensions	Bolt spacing	Side length	Concrete	Ground
4	90	140	1300	400	85	500	80x105	200x200	270	Ask information from sales	800
5											1000
6											

IVALO											
6	100	160	1400	400	85	500	80x125	200x200	270	Ask information from sales	1000
7							80x145	300x300	400		1200
8		180									

CLICK on the pole height to see recommended installation methods and downloadable files on our website.

Luminaires can be installed directly on top of the IVALO pole or with fixed, one- or two-sided side mounting brackets. For arms, see the [Arms section](#) for details on the compatibility. Ask for other customization options and regional standard range variants from Tehomet sales.



Capacity of the poles

IVALO PARK													
Height (m)	Base square (mm)	EN40 EN1995											
		22m/s CAT2	22m/s CAT1	24m/s CAT2	24m/s CAT1	26m/s CAT2	26m/s CAT1	28m/s CAT2	28m/s CAT1	30m/s CAT2	30m/s CAT1	32m/s CAT2	32m/s CAT1
4	140	2,69	2,14	2,22	1,75	1,83	2,48	1,56	1,25	1,32	1,05	1,13	0,89
5	140	1,79	1,40	1,44	1,17	1,21	0,93	0,97	0,78	0,82	0,66	0,70	0,54
6	140	1,17	0,89	0,93	0,74	0,74	0,58	0,62	0,46	0,50	0,39	0,39	0,31

IVALO													
Height (m)	Base square (mm)	EN40 EN1995											
		22m/s CAT2	22m/s CAT1	24m/s CAT2	24m/s CAT1	26m/s CAT2	26m/s CAT1	28m/s CAT2	28m/s CAT1	30m/s CAT2	30m/s CAT1	32m/s CAT2	32m/s CAT1
6	160	1,40	1,13	1,13	0,89	0,89	0,70	0,74	0,54	0,58	0,42	0,46	0,35
7	160	1,48	1,17	1,21	0,93	0,97	0,78	0,82	0,62	0,66	0,54	0,58	0,42
8	180	1,71	1,36	1,36	1,13	1,13	0,89	0,93	0,74	0,78	0,58	0,66	0,46



STANDARD POLES – KAISLA

KAISLA

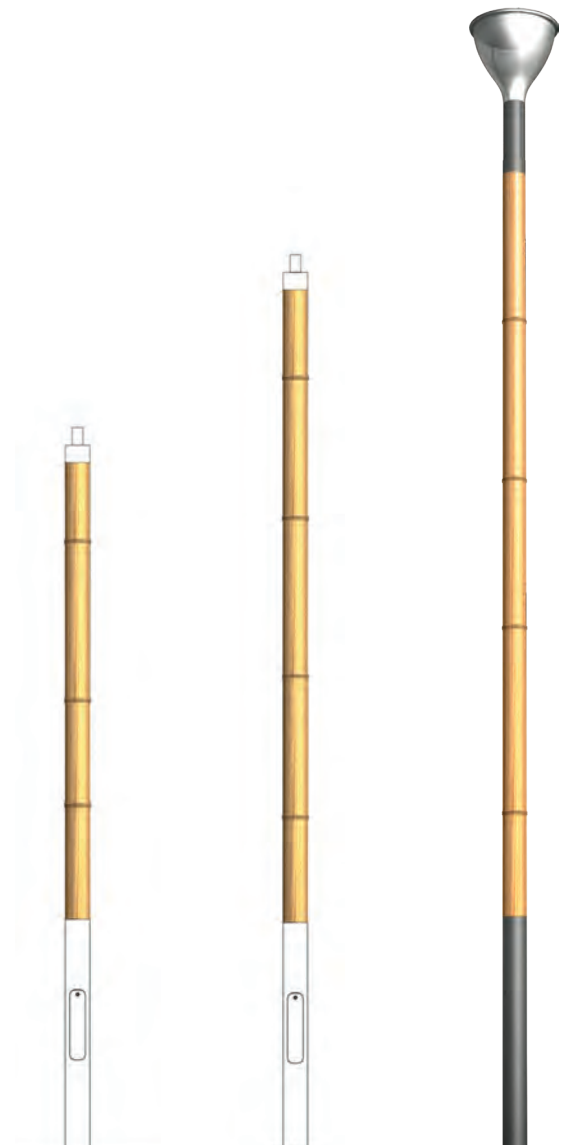


Decorative reed pole

Kaisla, an elegant and ornamental variant of our beloved Inari model, offers a revitalizing solution to outdoor lighting. The pole's sleek cylindrical shape is tastefully embellished with exquisite grooves, adding a touch of sophistication to its appearance.

Kaisla seamlessly pairs with a wide variety of post top and shaft mounted luminaires, further enhancing its versatility and functionality.

The pole does not include the arm and the lantern.



6

5

4

Height
range
(m)

KAISLA PARK





STANDARD POLES – KAISLA




PIEKSÄMÄKI Finland



HASSELT Belgium



Dimensions



KAISLA PARK											
Main dimensions (mm)				Door (mm)				Flange (mm)		Plant depth (mm)	
Height (m)	Top ø	Base ø	Steel height	Height	Width	Distance	Internal dimensions	Bolt spacing	Side length	Concrete	Ground
4	140	140	1300	400	85	500	80x90	200x200	270	500	800
5											1000
6											1000

CLICK on the pole height to see recommended installation methods and downloadable files on our website.

Luminaires can be installed on top of the KAISLA pole or with fixed, one- or two-sided side mounting brackets. Ask for other customization options and regional standard range variants from Tehomet sales.



Capacity of the poles

KAISLA PARK													
Height (m)	Ø (mm)	EN40 EN1995											
		22m/s CAT2	22m/s CAT1	24m/s CAT2	24m/s CAT1	26m/s CAT2	26m/s CAT1	28m/s CAT2	28m/s CAT1	30m/s CAT2	30m/s CAT1	32m/s CAT2	32m/s CAT1
4	140	1,56	1,25	1,28	1,05	1,09	0,89	0,93	0,74	0,82	0,66	0,70	0,54
5	140	0,93	0,74	0,78	0,62	0,66	0,50	0,54	0,42	0,46	0,39	0,42	0,31
6	140	0,54	0,42	0,46	0,35	0,39	0,31	0,31	0,27	0,27	0,19	0,23	0,15



STANDARD POLES – KEVO

KEVO



Unpretentious classic

The classic beauty of our very first wooden pole model, with its striking 16-sided conical shape, has remained unaltered for decades. And why tinker with a formula that's tried and tested?

Kevo is a sophisticated and refined conical pole that perfectly complements an array of outdoor lighting environments. Its unadorned lines effortlessly pair with a diverse range of post top or shaft mounted luminaires, adding to its versatility and adaptability.

Shorter versions of the Kevo model, measuring 3–6 meters in height, are available under the name Kevo Park.

The pole does not include the arm and the lantern.



STANDARD POLES – KEVO



ORIMATTILA Finland

STANDARD POLES – KEVO



PIEKSÄMÄKI Finland



HYVINKÄÄ Finland



STANDARD POLES – KEVO



STANDARD POLES – KEVO



Dimensions



KEVO PARK											
Main dimensions (mm)				Door (mm)				Flange (mm)		Plant depth (mm)	
Height (m)	Top ø	Base ø	Steel height	Height	Width	Distance	Internal dimensions	Bolt spacing	Side length	Concrete	Ground
3	90	140	1300	400	85	500	80x90	200x200	270	500	800
4											
5											
6											1000

KEVO											
6	100	168	1400	400	85	500	80x120	200x200	270	600	1000
7		194					80x150	300x300	400	700	1200
8											

CLICK on the pole height to see recommended installation methods and downloadable files on our website.

Luminaires can be installed directly on top of the KEVO pole or with fixed, one- or two-sided side mounting brackets. For arms, see the [Arms section](#) for details on the compatibility. Ask for other customization options and regional standard range variants from Tehomet sales.



Capacity of the poles

KEVO PARK													
Height (m)	Ø (mm)	EN40 EN1995											
		22m/s CAT2	22m/s CAT1	24m/s CAT2	24m/s CAT1	26m/s CAT2	26m/s CAT1	28m/s CAT2	28m/s CAT1	30m/s CAT2	30m/s CAT1	32m/s CAT2	32m/s CAT1
3	140	2,62	2,19	2,19	1,85	1,85	1,54	1,58	1,34	1,38	1,15	1,19	0,99
4	140	1,50	1,19	1,26	0,99	1,03	0,84	0,88	0,69	0,77	0,61	0,65	0,53
5	140	0,92	0,73	0,73	0,57	0,61	0,45	0,49	0,38	0,41	0,34	0,38	0,30
6	140	0,53	0,41	0,41	0,30	0,34	0,26	0,26	0,18	0,22	0,18	0,18	0,14

KEVO													
Height (m)	Ø (mm)	EN40 EN1995											
		22m/s CAT2	22m/s CAT1	24m/s CAT2	24m/s CAT1	26m/s CAT2	26m/s CAT1	28m/s CAT2	28m/s CAT1	30m/s CAT2	30m/s CAT1	32m/s CAT2	32m/s CAT1
6	168	1,34	1,07	1,11	0,88	0,92	0,73	0,77	0,61	0,65	0,53	0,57	0,45
7	194	1,69	1,38	1,38	1,15	1,19	0,96	0,99	0,81	0,84	0,69	0,73	0,61
8	194	1,23	0,99	0,99	0,84	0,84	0,69	0,73	0,57	0,61	0,49	0,53	0,41



STANDARD POLES – KOLI

KOLI



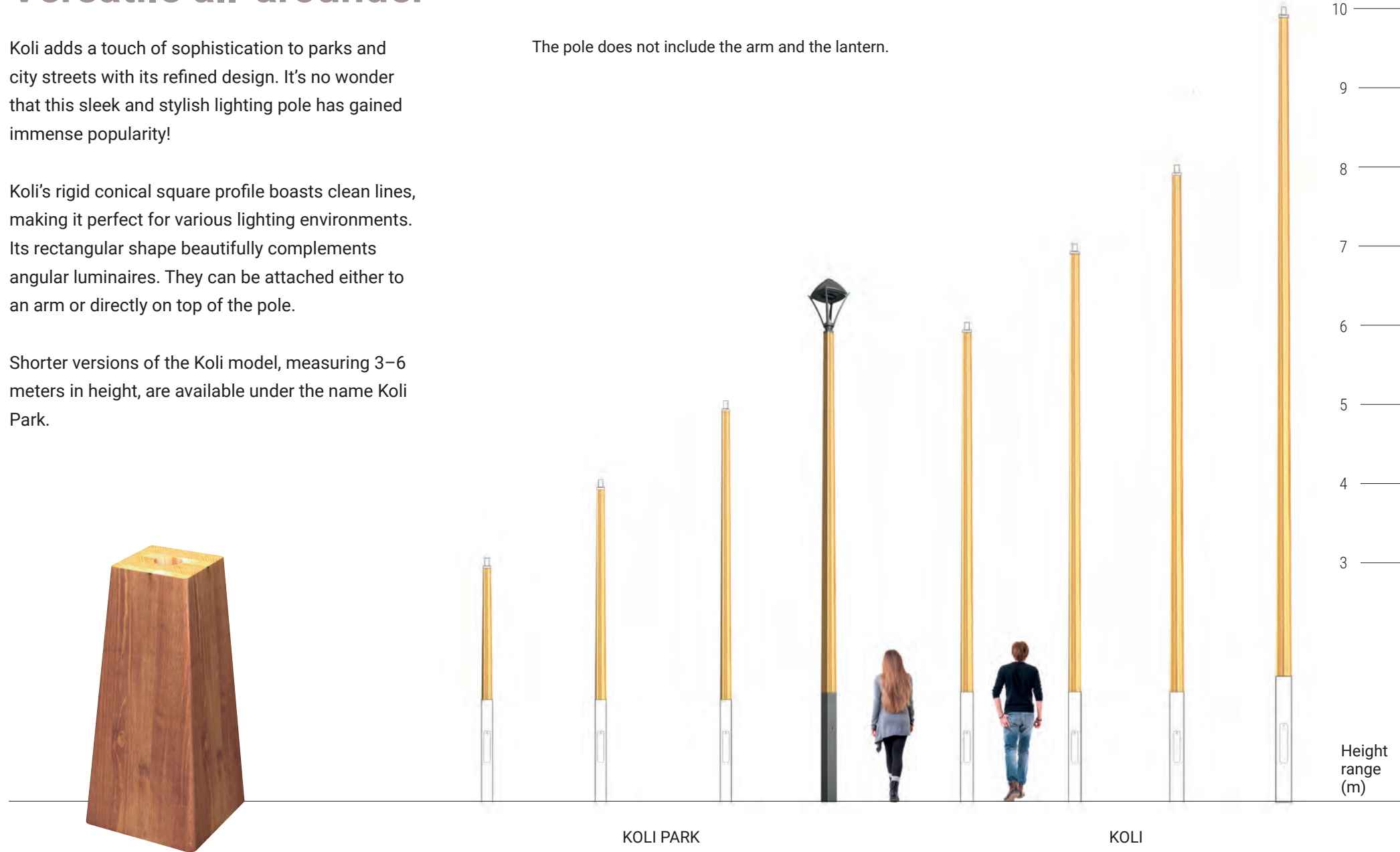
Versatile all-rounder

Koli adds a touch of sophistication to parks and city streets with its refined design. It's no wonder that this sleek and stylish lighting pole has gained immense popularity!

Koli's rigid conical square profile boasts clean lines, making it perfect for various lighting environments. Its rectangular shape beautifully complements angular luminaires. They can be attached either to an arm or directly on top of the pole.

Shorter versions of the Koli model, measuring 3–6 meters in height, are available under the name Koli Park.

The pole does not include the arm and the lantern.



STANDARD POLES – KOLI



STANDARD POLES – KOLI



STANDARD POLES – KOLI



SULKAVA Finland



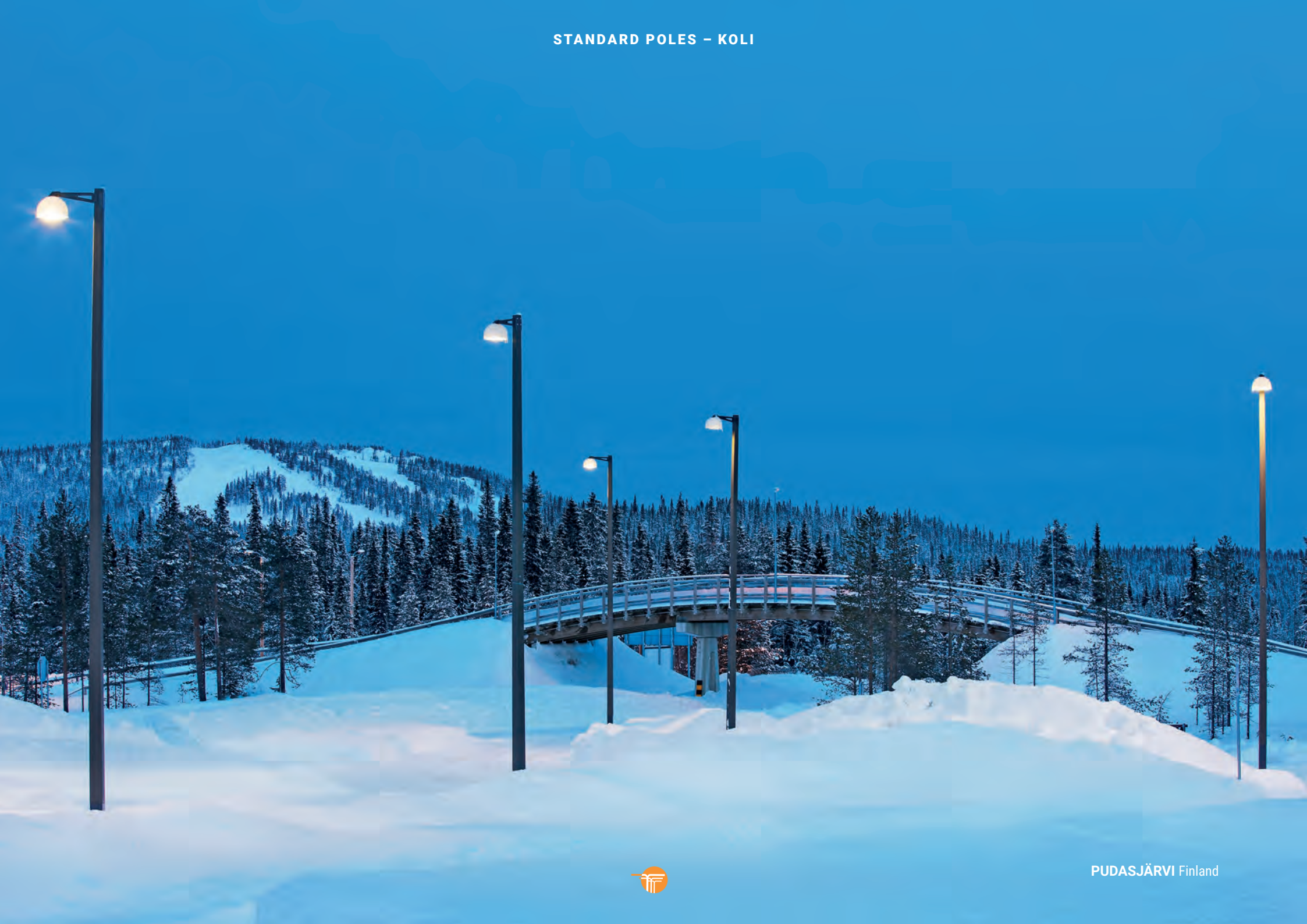
VANTAA Finland



STANDARD POLES – KOLI



STANDARD POLES – KOLI



PUDASJÄRVI Finland

STANDARD POLES – KOLI



PUDASJÄRVI Finland



PUDASJÄRVI Finland



Dimensions



KOLI PARK											
Main dimensions (mm)				Door (mm)				Flange (mm)		Plant depth (mm)	
Height (m)	Top □	Base □	Steel height	Height	Width	Distance	Internal dimensions	Bolt spacing	Side length	Concrete	Ground
3	100	140	1300	400	85	500	80x105	200x200	270	Ask information from sales	800
4											
5											
6											1000

KOLI											
6	120	160	1400	400	85	500	80x120	200x200	270	Ask information from sales	1000
7							80x140	300x300	400		1200
8		180									
10		200	1600	500	100		95x160				

CLICK on the pole height to see recommended installation methods and downloadable files on our website.

Luminaires can be installed directly on top of the KOLI pole or with fixed, one- or two-sided side mounting brackets. For arms, see the [Arms section](#) for details on the compatibility. Ask for other customization options and regional standard range variants from Tehomet sales.



Capacity of the poles

KOLI PARK													
Height (m)	Base square (mm)	EN40 EN1995											
		22m/s CAT2	22m/s CAT1	24m/s CAT2	24m/s CAT1	26m/s CAT2	26m/s CAT1	28m/s CAT2	28m/s CAT1	30m/s CAT2	30m/s CAT1	32m/s CAT2	32m/s CAT1
3	140	3,90	3,28	3,24	2,69	2,69	2,22	2,26	1,87	1,95	1,60	1,67	1,36
4	140	2,61	2,03	2,10	1,64	1,71	1,32	1,44	1,09	1,17	0,89	0,97	0,74
5	140	1,67	1,28	1,32	1,01	1,05	0,78	0,82	0,58	0,66	0,46	0,50	0,31
6	140	1,01	0,74	0,74	0,54	0,58	0,39	0,39	0,23	0,27	0,11	0,15	0,03

KOLI													
Height (m)	Base square (mm)	EN40 EN1995											
		22m/s CAT2	22m/s CAT1	24m/s CAT2	24m/s CAT1	26m/s CAT2	26m/s CAT1	28m/s CAT2	28m/s CAT1	30m/s CAT2	30m/s CAT1	32m/s CAT2	32m/s CAT1
6	160	1,17	0,85	0,85	0,58	0,62	0,39	0,42	0,23	0,27	0,11	0,15	-
7	160	1,21	0,89	0,89	0,62	0,66	0,42	0,46	0,27	0,31	0,15	0,19	0,03
8	180	1,36	0,97	1,01	0,70	0,74	0,46	0,50	0,27	0,35	0,15	0,19	-
10	200	0,66	0,35	0,35	0,07	0,07	-	-	-	-	-	-	-



STANDARD POLES – LEMPEÄ

LEMPEÄ



6

5

4

Height
range
(m)



LEMPEÄ PARK

Gently shaped

The Lempeä wooden pole proves that even a lighting pole can be a small sculpture – a decorative element that invites you to both look and touch.

Lempeä is based on Pallas, a popular model in our wooden pole collection. Its gently curving lines are an excellent choice for numerous outdoor lighting environments. Its clean lines are also easy to pair with many different pole-top luminaires. Also available as bollards.

The pole does not include the arm and the lantern.



STANDARD POLES – LEMPEĂ



STANDARD POLES – LEMPEĂ



STANDARD POLES – LEMPEĂ



Dimensions



LEMPEĂ PARK											
Main dimensions (mm)				Door (mm)				Flange (mm)		Plant depth (mm)	
Height (m)	Top ø	Base ø	Steel height	Height	Width	Distance	Internal dimensions	Bolt spacing	Side length	Concrete	Ground
4	90	140	1300	400	85	500	80x90	200x200	270	500	800
5											1000
6											1000

CLICK on the pole height to see recommended installation methods and downloadable files on our website.

Luminaires can be installed directly on top of the LEMPEĂ pole or with fixed, one- or two-sided side mounting brackets. Ask for other customization options and regional standard range variants from Tehomet sales.



Capacity of the poles

LEMPEĂ PARK													
Height (m)	Ø (mm)	EN40 EN1995											
		22m/s CAT2	22m/s CAT1	24m/s CAT2	24m/s CAT1	26m/s CAT2	26m/s CAT1	28m/s CAT2	28m/s CAT1	30m/s CAT2	30m/s CAT1	32m/s CAT2	32m/s CAT1
4	140	1,60	1,25	1,32	1,05	1,09	0,89	0,93	0,74	0,82	0,66	0,70	0,54
5	140	0,93	0,74	0,78	0,62	0,62	0,50	0,54	0,42	0,46	0,35	0,39	0,31
6	140	0,54	0,42	0,42	0,35	0,35	0,27	0,27	0,23	0,23	0,19	0,19	0,15

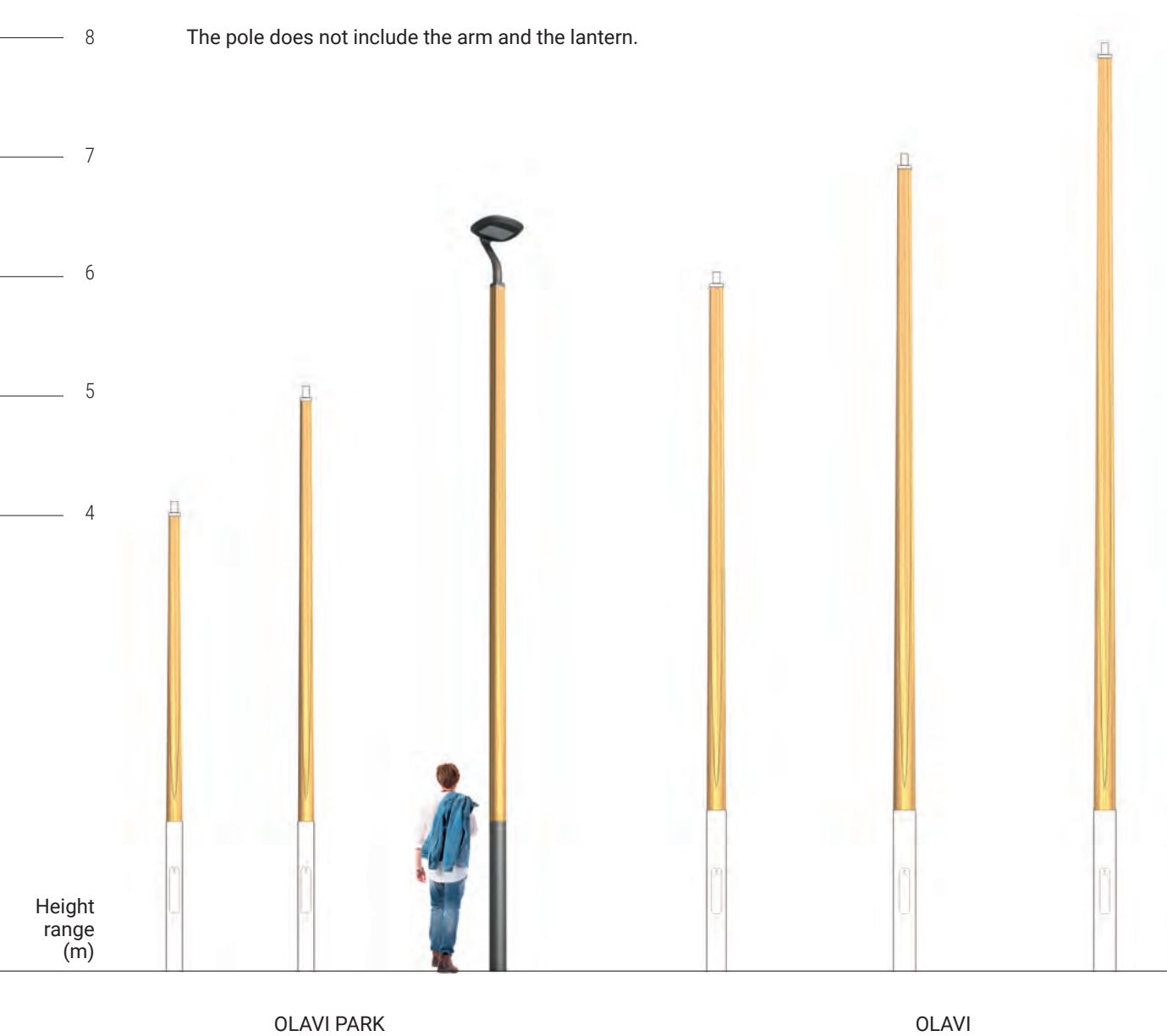


STANDARD POLES – OLAVI

OLAVI



Visual shape changer



Olavi is one of the latest additions to our wooden pole collection, boasting a stunning smoothly changing round-to-square conical profile. This elegant pole is an excellent choice for various outdoor lighting environments.

The seamless shaft of Olavi changes smoothly from a round to a square profile without any visible seams. Its unadorned lines make it easy to pair with a diverse range of post top or shaft mounted luminaires.

Shorter versions of the Olavi model, measuring 3–6 meters in height, are available under the name Olavi Park.



STANDARD POLES – OLAVI



Visualization



STANDARD POLES – OLAVI



Dimensions



OLAVI PARK

Main dimensions (mm)				Door (mm)				Flange (mm)		Plant depth (mm)	
Height (m)	Top □	Base ø	Steel height	Height	Width	Distance	Internal dimensions	Bolt spacing	Side length	Concrete	Ground
4	100	140	1300	400	85	500	80x90	200x200	270	500	800
5											1000
6											

OLAVI

6	120	168	1400	400	85	500	80x120	200x200	270	600	1000
7		194					80x150	300x300	400	700	1200
8											

CLICK on the pole height to see recommended installation methods and downloadable files on our website.

Luminaires can be installed directly on top of the OLAVI pole or with fixed, one- or two-sided side mounting brackets. For arms, see the [Arms section](#) for details on the compatibility. Ask for other customization options and regional standard range variants from Tehomet sales.



Capacity of the poles

OLAVI PARK													
Height (m)	Ø (mm)	EN40 EN1995											
		22m/s CAT2	22m/s CAT1	24m/s CAT2	24m/s CAT1	26m/s CAT2	26m/s CAT1	28m/s CAT2	28m/s CAT1	30m/s CAT2	30m/s CAT1	32m/s CAT2	32m/s CAT1
4	140	1,48	1,17	1,21	0,93	0,97	0,78	0,82	0,62	0,70	0,50	0,58	0,42
5	140	0,82	0,62	0,62	0,46	0,50	0,35	0,39	0,27	0,31	0,19	0,23	0,15
6	140	0,42	0,27	0,27	0,15	0,19	0,07	0,11	0,03	0,03	-	-	-

OLAVI													
Height (m)	Ø (mm)	EN40 EN1995											
		22m/s CAT2	22m/s CAT1	24m/s CAT2	24m/s CAT1	26m/s CAT2	26m/s CAT1	28m/s CAT2	28m/s CAT1	30m/s CAT2	30m/s CAT1	32m/s CAT2	32m/s CAT1
6	168	1,17	0,89	0,93	0,70	0,74	0,50	0,58	0,39	0,42	0,27	0,35	0,19
7	194	1,48	1,13	1,17	0,85	0,89	0,66	0,70	0,46	0,54	0,35	0,39	0,23
8	194	0,93	0,70	0,70	0,46	0,50	0,31	0,35	0,15	0,19	0,03	0,07	-



STANDARD POLES – PALLAS

PALLAS



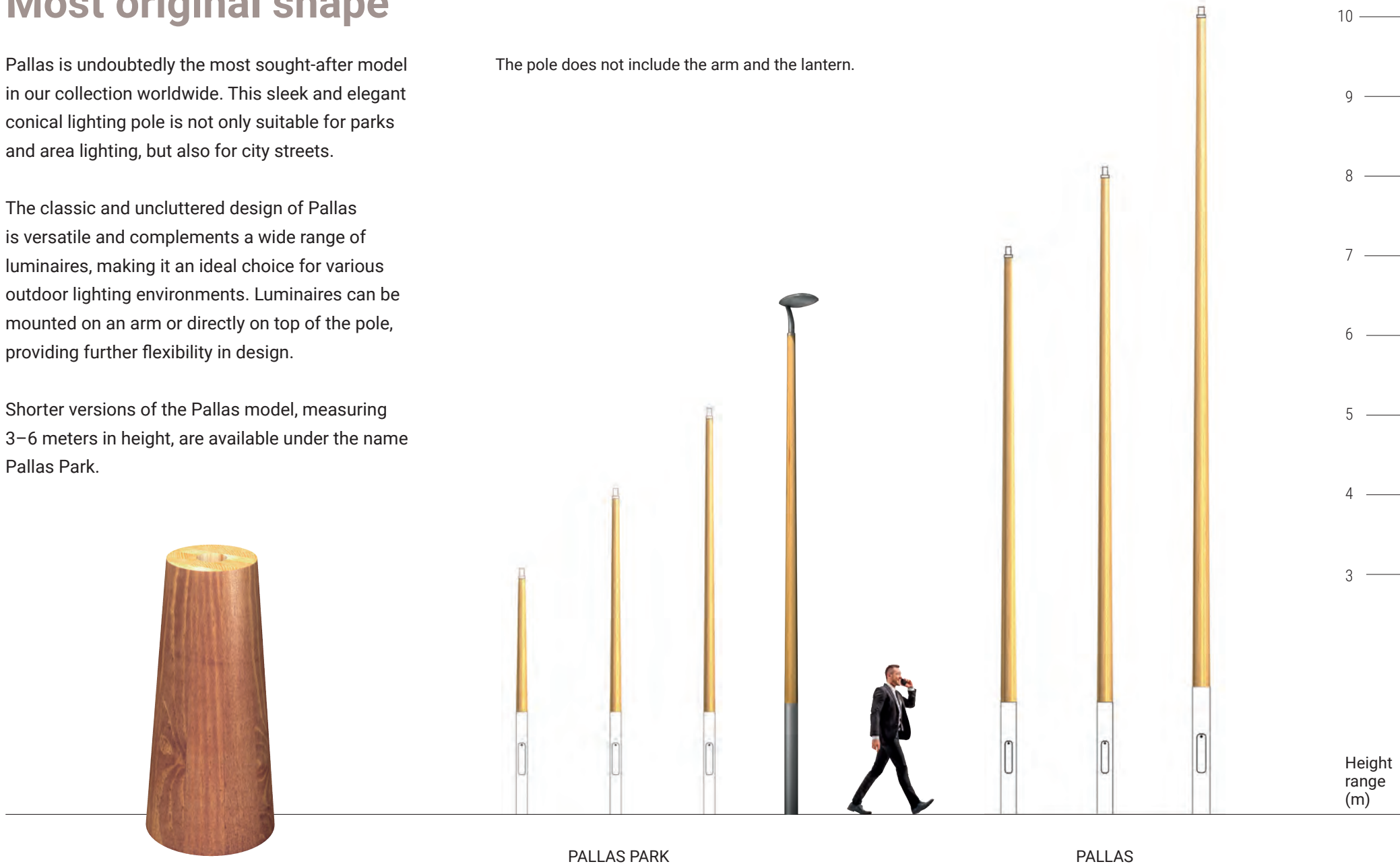
Most original shape

Pallas is undoubtedly the most sought-after model in our collection worldwide. This sleek and elegant conical lighting pole is not only suitable for parks and area lighting, but also for city streets.

The classic and uncluttered design of Pallas is versatile and complements a wide range of luminaires, making it an ideal choice for various outdoor lighting environments. Luminaires can be mounted on an arm or directly on top of the pole, providing further flexibility in design.

Shorter versions of the Pallas model, measuring 3–6 meters in height, are available under the name Pallas Park.

The pole does not include the arm and the lantern.



PALLAS PARK

PALLAS



STANDARD POLES – PALLAS



STANDARD POLES – PALLAS



VARKAUS Finland



TUUSULA Finland



STANDARD POLES – PALLAS



STANDARD POLES – PALLAS



BRÜHL Germany



VIANEN Netherlands



Dimensions



PALLAS PARK

Main dimensions (mm)				Door (mm)				Flange (mm)		Plant depth (mm)	
Height (m)	Top ø	Base ø	Steel height	Height	Width	Distance	Internal dimensions	Bolt spacing	Side length	Concrete	Ground
3	90	140	1300	400	85	500	80x90	200x200	270	500	800
4											
5											
6											1000

PALLAS

6	100	168	1400	400	85	500	80x120	200x200	270	600	1000
7		194					80x150	300x300	400	700	1200
8											
10	120	219	1600	500	100		95x170				1500

CLICK on the pole height to see recommended installation methods and downloadable files on our website.

Luminaires can be installed directly on top of the PALLAS pole or with fixed, one- or two-sided side mounting brackets. For arms, see the [Arms section](#) for details on the compatibility. Ask for other customization options and regional standard range variants from Tehomet sales.



Capacity of the poles

PALLAS PARK													
Height (mm)	ø (mm)	EN40 EN1995											
		22m/s CAT2	22m/s CAT1	24m/s CAT2	24m/s CAT1	26m/s CAT2	26m/s CAT1	28m/s CAT2	28m/s CAT1	30m/s CAT2	30m/s CAT1	32m/s CAT2	32m/s CAT1
3	140	2,65	2,22	2,22	1,87	1,87	1,56	1,60	1,36	1,40	1,17	1,21	1,01
4	140	1,52	1,21	1,28	1,01	1,05	0,85	0,89	0,70	0,78	0,62	0,66	0,54
5	140	0,93	0,74	0,74	0,58	0,62	0,46	0,50	0,39	0,42	0,35	0,39	0,31
6	140	0,54	0,42	0,42	0,31	0,35	0,27	0,27	0,19	0,23	0,19	0,19	0,15

PALLAS													
Height (mm)	ø (mm)	EN40 EN1995											
		22m/s CAT2	22m/s CAT1	24m/s CAT2	24m/s CAT1	26m/s CAT2	26m/s CAT1	28m/s CAT2	28m/s CAT1	30m/s CAT2	30m/s CAT1	32m/s CAT2	32m/s CAT1
6	168	1,36	1,09	1,13	0,89	0,93	0,74	0,78	0,62	0,66	0,54	0,58	0,46
7	194	1,71	1,40	1,40	1,17	1,21	0,97	1,01	0,82	0,85	0,70	0,74	0,62
8	194	1,25	1,01	1,01	0,85	0,85	0,70	0,74	0,58	0,62	0,50	0,54	0,42
10	219	1,71	1,44	1,40	1,17	1,21	0,97	1,01	0,82	0,85	0,66	0,74	0,54



STANDARD POLES – RUKA

RUKA



It's hip to be square

Ruka is the second-oldest model in our wooden pole collection. Ruka's simple lines run seamlessly from its steel base all the way up to and along the wood shaft.

The straightforward design of Ruka makes it effortless to pair with post top or shaft mounted luminaires of various styles. The poles are available up to 6 meters.

For a more decorative option, consider the [Ruka Profile](#). This variation can be enhanced with a range of millings on some or all of the pole's sides, adding a touch of flair to your project.

6

The pole does not include the arm and the lantern.

5

4

3

Height
range
(m)

RUKA PARK



STANDARD POLES – RUKA



STANDARD POLES – RUKA



ANZIN France



TALLINN Estonia

STANDARD POLES – RUKA



SANKT PETER-ORDING Germany



STANDARD POLES – RUKA



STANDARD POLES – RUKA



VAASA Finland



KAATSHEUVEL Netherlands



STANDARD POLES – RUKA



Dimensions



RUKA PARK											
Main dimensions (mm)				Door (mm)				Flange (mm)		Plant depth (mm)	
Height (m)	Top □	Base □	Steel height	Height	Width	Distance	Internal dimensions	Bolt spacing	Side length	Concrete	Ground
3	140	140	1300	400	85	500	80x105	200x200	270	Ask information from sales	800
4											
5											
6											1000

CLICK on the pole height to see recommended installation methods and downloadable files on our website.

Luminaires can be installed directly on top of the RUKA pole or with fixed, one- or two-sided side mounting brackets. Ask for other customization options and regional standard range variants from Tehomet sales.



Capacity of the poles

RUKA PARK													
Height (m)	Base square (mm)	EN40 EN1995											
		22m/s CAT2	22m/s CAT1	24m/s CAT2	24m/s CAT1	26m/s CAT2	26m/s CAT1	28m/s CAT2	28m/s CAT1	30m/s CAT2	30m/s CAT1	32m/s CAT2	32m/s CAT1
3	140	3,90	3,24	3,20	2,65	2,65	2,22	2,26	1,87	1,91	1,56	1,64	1,32
4	140	2,57	1,99	2,07	1,60	1,67	1,28	1,36	1,05	1,13	0,82	0,93	0,66
5	140	1,60	1,21	1,25	0,93	0,97	0,70	0,74	0,50	0,54	0,35	0,42	0,23
6	140	0,89	0,62	0,66	0,42	0,46	0,27	0,31	0,11	0,15	-	0,03	-



STANDARD POLES – SEKA



SEKA



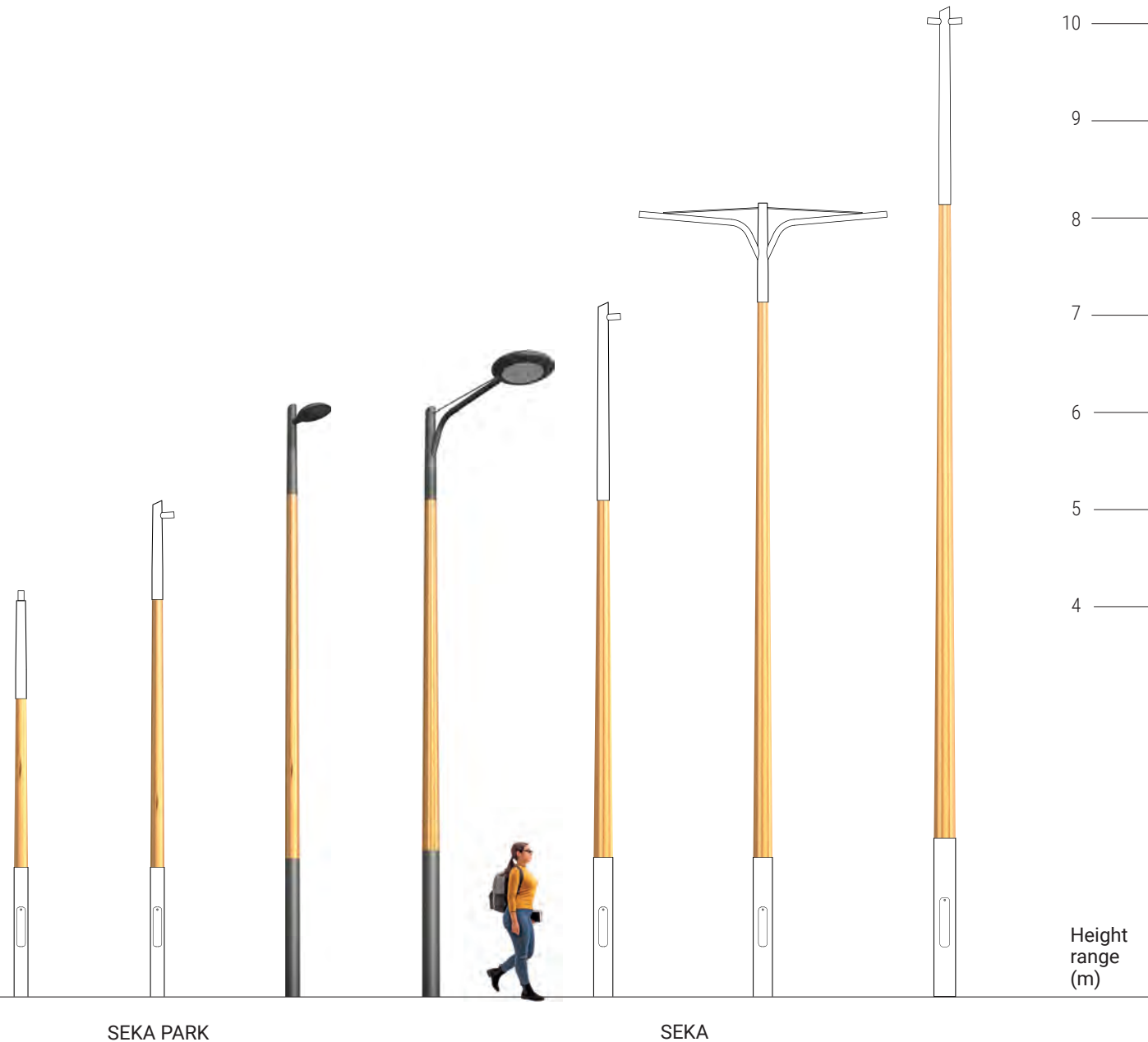
Harmoniously combined wood and steel

The Seka model from our wooden pole collection is a popular and versatile lighting pole suitable for various outdoor lighting applications in parks and along city streets. Its unique feature is the conical steel top, with a choice of two different lengths: 1 or 2 meters.

The clean design of the Seka model complements a variety of luminaires, which can be mounted on the bracket or directly on top of the pole. Additionally, the Seka pole is also available with its own dedicated arm.

Shorter versions of the Seka model, measuring 3–6 meters in height, are available under the name Seka Park.

The pole does not include the arm and the lantern.





STANDARD POLES – SEKA





STANDARD POLES – SEKA



ÄÄNEKOSKI Finland



BAR-LE-DUC France



Dimensions



SEKA PARK											
Main dimensions (mm)				Door (mm)				Flange (mm)		Plant depth (mm)	
Height (m)	Top ø	Base ø	Steel height	Height	Width	Distance	Internal dimensions	Bolt spacing	Side length	Concrete	Ground
4	90	140	1300	400	85	500	80x90	200x200	270	500	800
5											1000
6											

SEKA 1m / 2m steel top											
6	100	168	1400	400	85	500	80x120	200x200	270	600	1000
7		194					80x150	300x300	400	700	1200
8			219	1600	500						100
10											

CLICK on the pole height to see recommended installation methods and downloadable files on our website.

Luminaires can be installed directly on top of the SEKA pole or with fixed, one- or two-sided side mounting brackets. For arms, see the [Arms section](#) for details on the compatibility. Ask for other customization options and regional standard range variants from Tehomet sales.



Capacity of the poles

SEKA PARK

Height (m)	Ø (mm)	EN40 EN1995											
		22m/s CAT2	22m/s CAT1	24m/s CAT2	24m/s CAT1	26m/s CAT2	26m/s CAT1	28m/s CAT2	28m/s CAT1	30m/s CAT2	30m/s CAT1	32m/s CAT2	32m/s CAT1
4	140	1,36	1,09	1,13	0,89	0,93	0,74	0,82	0,66	0,70	0,54	0,62	0,46
5	140	0,89	0,74	0,74	0,58	0,62	0,46	0,50	0,39	0,42	0,35	0,39	0,31
6	140	0,54	0,42	0,42	0,31	0,35	0,27	0,27	0,19	0,23	0,19	0,19	0,15

SEKA – 1 M STEEL TOP

Height (m)	Ø (mm)	EN40 EN1995											
		22m/s CAT2	22m/s CAT1	24m/s CAT2	24m/s CAT1	26m/s CAT2	26m/s CAT1	28m/s CAT2	28m/s CAT1	30m/s CAT2	30m/s CAT1	32m/s CAT2	32m/s CAT1
6	168	1,36	1,09	1,13	0,89	0,93	0,74	0,78	0,66	0,70	0,54	0,58	0,46
7	194	1,71	1,40	1,40	1,17	1,21	0,97	1,01	0,82	0,85	0,70	0,74	0,62
8	194	1,25	1,01	1,01	0,85	0,85	0,70	0,74	0,58	0,62	0,50	0,54	0,42
10	219	1,28	1,05	1,05	0,85	0,89	0,70	0,74	0,58	0,62	0,50	0,50	0,39

SEKA – 2 M STEEL TOP

Height (m)	Ø (mm)	EN40 EN1995											
		22m/s CAT2	22m/s CAT1	24m/s CAT2	24m/s CAT1	26m/s CAT2	26m/s CAT1	28m/s CAT2	28m/s CAT1	30m/s CAT2	30m/s CAT1	32m/s CAT2	32m/s CAT1
6	168	0,89	0,74	0,74	0,62	0,62	0,50	0,54	0,42	0,46	0,35	0,39	0,31
7	194	0,85	0,70	0,70	0,58	0,58	0,46	0,50	0,42	0,42	0,35	0,39	0,31
8	194	0,78	0,66	0,66	0,54	0,54	0,42	0,46	0,39	0,39	0,31	0,35	0,27
10	219	0,70	0,58	0,58	0,50	0,50	0,42	0,42	0,35	0,35	0,31	0,31	0,27

Reference load of 30 kg used for calculation.



Decorative poles

When you are looking for an impressive lighting pole with sculpture-like qualities in round or square profiles, the answer lies in Tehomet's decorative wooden poles.

These remarkable wood masterpieces, standing between 4-6 meters in height, seamlessly blend into various environments and architectural settings. Their captivating beauty is truly enchanting, even in broad daylight.



Tehomet decorative wooden pole collection



KIARO



LAINE



RUKA LOIMU



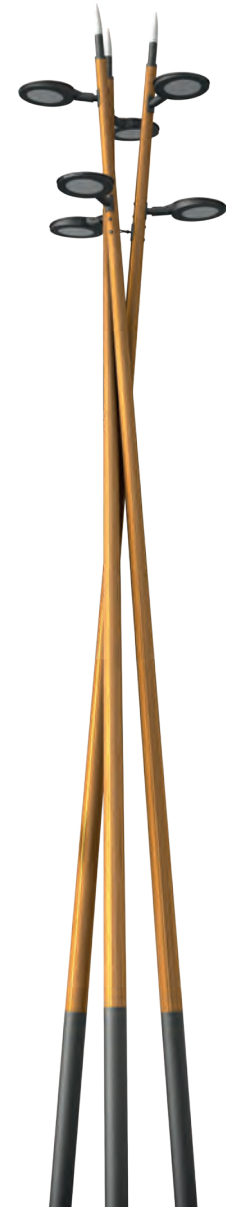
RUKA PROFILE



RYTMI



TEMPO



TRIPLE



KIARO

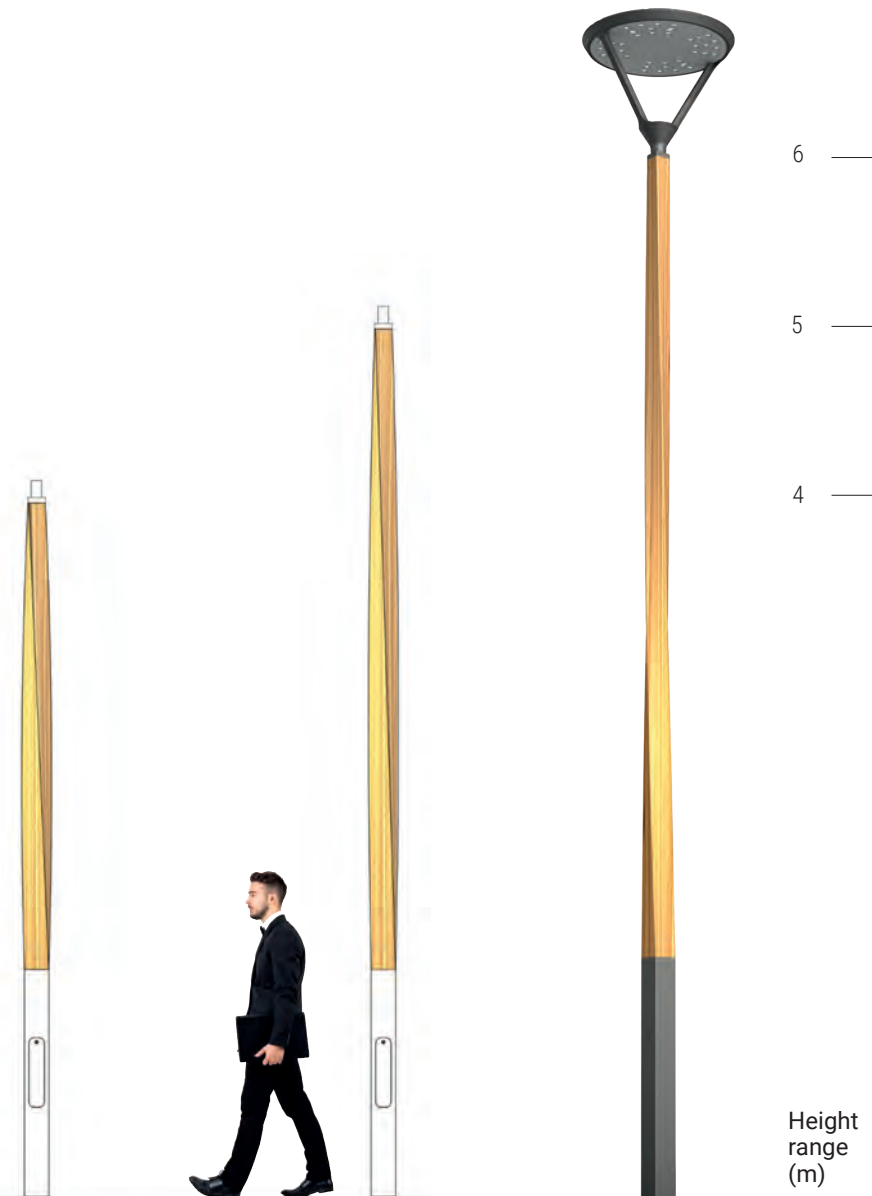
A lighting pole with a twist

Tehomet's Kiaro model is not your average lighting pole. With its unique and eye-catching design, it is a real head-turner that captures attention effortlessly. The Kiaro model features a simple conical square shape with a twist. It rotates 90 degrees around its longitudinal axis, making it a remarkable addition to any urban landscape.

The design of the Kiaro model not only makes it an aesthetically pleasing addition to any environment, but it also offers practical benefits. The luminaire can be mounted on the top of the pole or on a bracket attached to the pole, offering versatile lighting solutions for any project.

The Kiaro = "twisted" in the Savo dialect in Finnish.

The pole does not include the arm and the lantern.



KIARO PARK

Height
range
(m)



DECORATIVE POLES – KIARO



Dimensions



KIARO											
Main dimensions (mm)				Door (mm)				Flange (mm)		Plant depth (mm)	
Height	Top □	Base □	Steel height	Height	Width	Distance	Internal dimensions	Bolt spacing	Side length	Concrete	Ground
4	100	140	1300	400	85	500	80x105	200x200	270	Ask information from sales	800
5											
6											1000

CLICK on the pole height to see recommended installation methods and downloadable files on our website.

Luminaires can be installed on top of the KIARO pole or with fixed, one- or two-sided side mounting brackets.
Ask for other customization options from Tehomet sales.



Capacity of the poles

KIARO													
Height (m)	Base square (mm)	EN40 EN1995											
		22m/s CAT2	22m/s CAT1	24m/s CAT2	24m/s CAT1	26m/s CAT2	26m/s CAT1	28m/s CAT2	28m/s CAT1	30m/s CAT2	30m/s CAT1	32m/s CAT2	32m/s CAT1
4	140	2,53	1,95	2,03	1,56	1,64	1,25	1,32	1,01	1,09	0,82	0,89	0,66
5	140	1,56	1,17	1,21	0,89	0,93	0,66	0,70	0,46	0,54	0,35	0,39	0,23
6	140	0,89	0,62	0,66	0,42	0,42	0,23	0,27	0,11	0,11	-	0,03	-



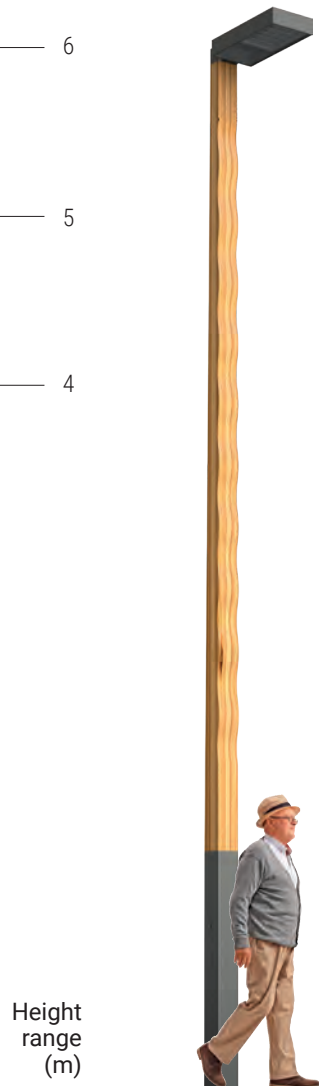
Nature-inspired Laine pole for modern spaces

LAINE

The Laine wooden pole's unique and organic design with sculptural lines resemble the gentle waves of Finland's lakes. Its shape is a combination of a square profile steel base and a wavy conical wooden shaft.

The blend of rigidity and gentleness makes it a versatile option that can be paired with a wide range of luminaires. It's an excellent choice for enhancing the aesthetic appeal of outdoor lighting environments.

The pole does not include the arm and the lantern.



LAINE PARK



DECORATIVE POLES – LAINE



DECORATIVE POLES – LAINE



Dimensions



LAINE PARK											
Main dimensions (mm)				Door (mm)				Flange (mm)		Plant depth (mm)	
Height (m)	Top □	Base □	Steel height	Height	Width	Distance	Internal dimensions	Bolt spacing	Side length	Concrete	Ground
4	100	140	1300	400	85	500	80x105	200x200	270	Ask information from sales	800
5											1000
6											

CLICK on the pole height to see recommended installation methods and downloadable files on our website.

Luminaires can be installed on top of the LAINE pole or with fixed, one- or two-sided side mounting brackets.
Ask for other customization options from Tehomet sales.



Capacity of the poles

LAINE PARK													
Height (m)	Base square (mm)	EN40 EN1995											
		22m/s CAT2	22m/s CAT1	24m/s CAT2	24m/s CAT1	26m/s CAT2	26m/s CAT1	28m/s CAT2	28m/s CAT1	30m/s CAT2	30m/s CAT1	32m/s CAT2	32m/s CAT1
4	140	2,57	2,03	2,10	1,64	1,71	1,32	1,40	1,09	1,17	0,89	0,97	0,74
5	140	1,36	1,05	1,09	0,85	0,89	0,70	0,74	0,54	0,62	0,42	0,50	0,31
6	140	0,74	0,54	0,54	0,39	0,42	0,27	0,31	0,19	0,23	0,11	0,15	0,03



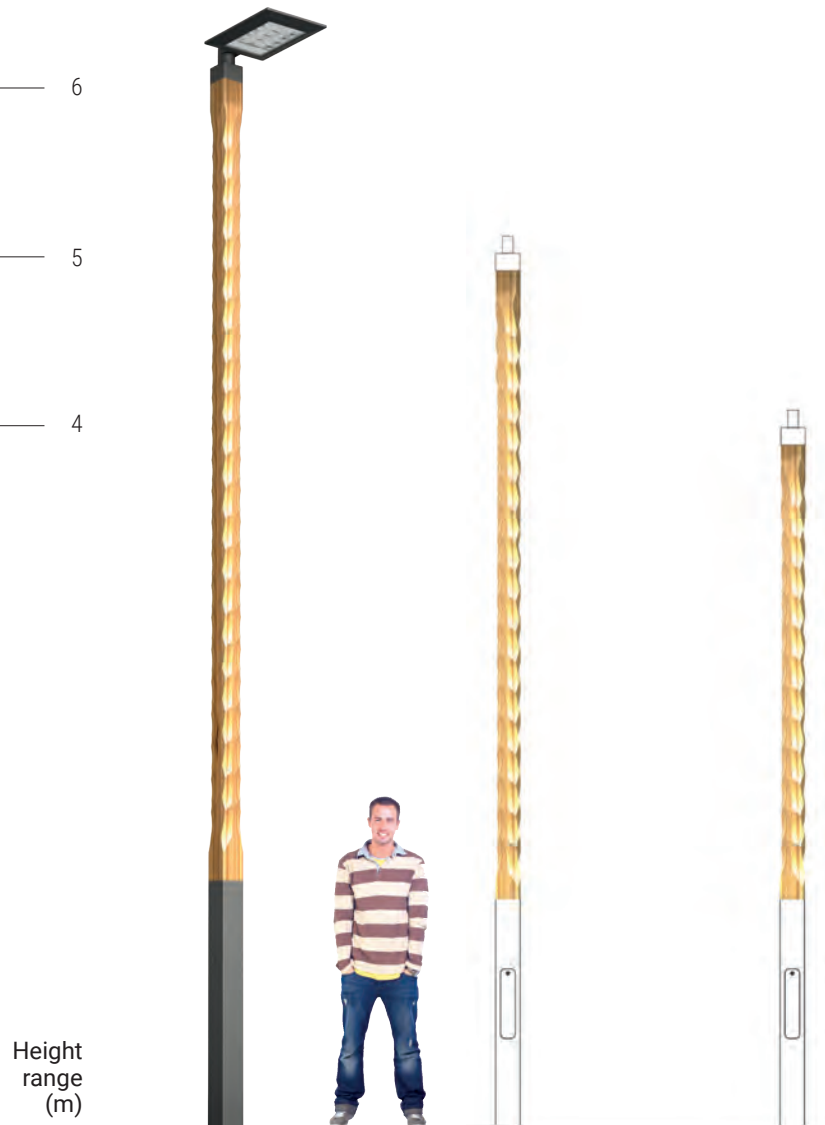
RUKA LOIMU

The interplay of light and shadow on a wooden surface

Ruka Loimu offers a whole new level of special effect surfaces. Loimu's distinctive 3D surface patterns are achieved using CNC machining, in which the pattern is directly milled into the glulam surface. This pattern can range from a small decorative motif on part of the pole to a design covering the entire surface of the pole.

Ruka Loimu produces an exciting interplay of light and shadow on the pole's surface both day and night. If you have any questions or would like to customize any of our products, our sales team will be happy to assist you.

The pole does not include the arm and the lantern.



Height
range
(m)

RUKA LOIMU



DECORATIVE POLES – RUKA LOIMU



DECORATIVE POLES – RUKA LOIMU



SAVONLINNA Finland



SAVONLINNA Finland



Dimensions



RUKA LOIMU											
Main dimensions (mm)				Door (mm)				Flange (mm)		Plant depth (mm)	
Height (m)	Top □	Base □	Steel height	Height	Width	Distance	Internal dimensions	Bolt spacing	Side length	Concrete	Ground
4	140	140	1300	400	85	500	80x105	200x200	270	Ask information from sales	800
5											
6											1000

CLICK on the pole height to see recommended installation methods and downloadable files on our website.

Luminaires can be installed on top of the RUKA LOIMU pole or with fixed, one- or two-sided side mounting brackets.
Ask for other customization options from Tehomet sales.



Capacity of the poles

RUKA LOIMU														
Height (m)	Base square (mm)	Weight (kg)	EN40 EN1995											
			22m/s CAT2	22m/s CAT1	24m/s CAT2	24m/s CAT1	26m/s CAT2	26m/s CAT1	28m/s CAT2	28m/s CAT1	30m/s CAT2	30m/s CAT1	32m/s CAT2	32m/s CAT1
4	140	30	2,57	1,99	2,07	1,60	1,67	1,28	1,36	1,05	1,13	0,82	0,93	0,66
5	140	30	1,60	1,21	1,25	0,93	0,97	0,70	0,74	0,50	0,54	0,35	0,42	0,23
6	140	30	0,89	0,62	0,66	0,42	0,46	0,27	0,31	0,11	0,15	-	0,03	-



With profile for
unique expression

RUKA PROFILE

Introducing the Ruka Profile, a wooden pole that stands out with its square shape and non-tapering design. With this innovative product, you can easily transform the look of the pole by adding a pattern onto any or all of its sides. Whether you opt for a pre-designed concave or convex groove from our collection, or create a custom profile to suit your specific project, the possibilities are endless.

Not only does the Ruka Profile offer a visually striking appearance, it also creates a captivating play of light and shadow on the surface of the pole. This effect can be enjoyed both day and night, adding a dynamic element to any environment where the pole is installed.

The pole does not include the arm and the lantern.



RUKA PROFILE



DECORATIVE POLES – RUKA PROFILE

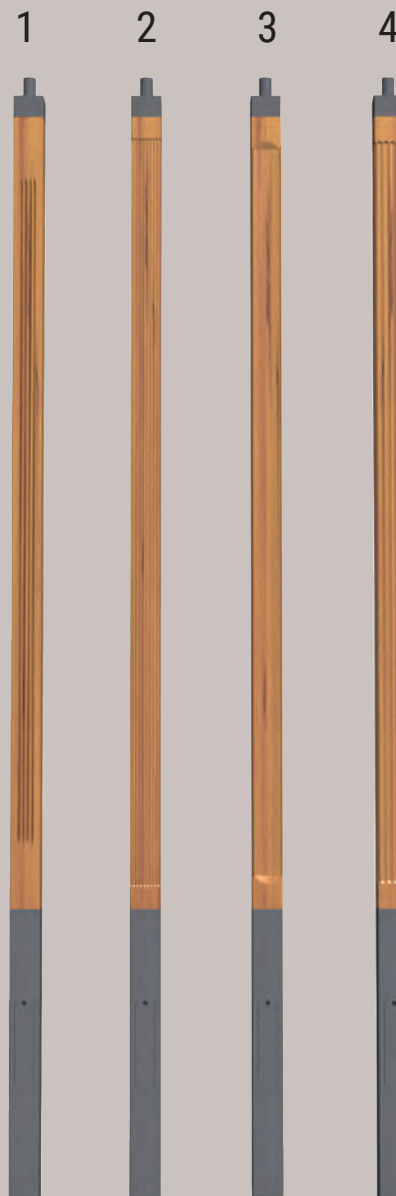
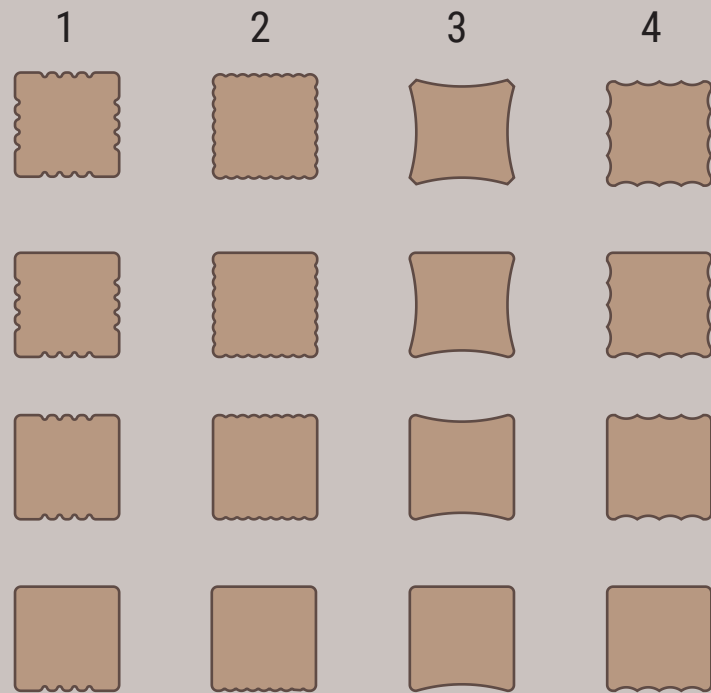


CEIGNES France

DECORATIVE POLES – RUKA PROFILE



RUKA profile variations



Dimensions



RUKA PROFILES											
Main dimensions (mm)				Door (mm)				Flange (mm)		Plant depth (mm)	
Height (m)	Top □	Base □	Steel height	Height	Width	Distance	Internal dimensions	Bolt spacing	Side length	Concrete	Ground
4	140	140	1300	400	85	500	80x105	200x200	270	Ask information from sales	800
5											
6											1000

CLICK on the pole height to see recommended installation methods and downloadable files on our website.

Luminaires can be installed on top of the RUKA PROFILE pole or with fixed, one- or two-sided side mounting brackets.
Ask for other customization options from Tehomet sales.



Capacity of the poles

RUKA PROFILE													
Height (m)	Base square (mm)	EN40 EN1995											
		22m/s CAT2	22m/s CAT1	24m/s CAT2	24m/s CAT1	26m/s CAT2	26m/s CAT1	28m/s CAT2	28m/s CAT1	30m/s CAT2	30m/s CAT1	32m/s CAT2	32m/s CAT1
4	140	2,57	1,99	2,07	1,60	1,67	1,28	1,36	1,05	1,13	0,82	0,93	0,66
5	140	1,60	1,21	1,25	0,93	0,97	0,70	0,74	0,50	0,54	0,35	0,42	0,23
6	140	0,89	0,62	0,66	0,42	0,46	0,27	0,31	0,11	0,15	-	0,03	-



Pedestrian round pole range in different rhythms

Enhance the visual appeal of your pedestrian or cycle lane with our innovative round Rytmi poles. Rytmi offers a variety of exciting styles to choose from, making it easy to customize the look of your lane.

Select either the smaller Piano wooden section, which measures 500 mm in height or the longer Forte wooden section of 1500 mm. You can adjust the placement of the wooden section of the pole to your desired height, while ensuring that the total height of all poles along the lane remains the same.

RYTMI

The pole does not include the arm and the lantern.



RYTMI PIANO

RYTMI FORTE



DECORATIVE POLES – RYTMİ



DECORATIVE POLES – RYTMİ



Visualization

DECORATIVE POLES – RYTMI

Dimensions



RYTMI														
	Main dimensions (mm)					Door (mm)				Flange (mm)		Plant depth (mm)		
	Height (m)	Top ø	Base ø	Steel height	Wood length	Height	Width	Distance	Internal dimensions	Bolt spacing	Width	Concrete	Ground	
PIANO 01	4	140	140	3000	500	400	85	500	80x90	200x200	270	500	800	
PIANO 02				2000										
PIANO 03				3000										
PIANO 04	4000			1000										
FORTE 01	4			1400	1500									800
FORTE 02	5			2000										
FORTE 03				1400										
FORTE 04				6									3000	
FORTE 05														

CLICK on the pole height to see recommended installation methods and downloadable files on our website.

Luminaires can be installed on top of the RYTMI pole or with fixed, one- or two-sided side mounting brackets.

Ask for other customization options from Tehomet sales.



Capacity of the poles

RYTMI														
	Height (m)	Base ø	EN40 EN1995											
			22m/s CAT2	22m/s CAT1	24m/s CAT2	24m/s CAT1	26m/s CAT2	26m/s CAT1	28m/s CAT2	28m/s CAT1	30m/s CAT2	30m/s CAT1	32m/s CAT2	32m/s CAT1
PIANO 01	4	140	2,22	1,75	1,83	1,48	1,56	1,25	1,32	1,05	1,17	0,93	1,01	0,82
PIANO 02	4	140	2,18	1,75	1,83	1,44	1,56	1,25	1,32	1,05	1,13	0,93	1,01	0,78
PIANO 03	5	140	1,44	1,17	1,21	0,97	1,01	0,82	0,85	0,70	0,74	0,62	0,66	0,50
PIANO 04	6	140	0,97	0,78	0,82	0,66	0,66	0,54	0,58	0,46	0,50	0,39	0,42	0,31
FORTE 01	4	140	1,64	1,28	1,36	1,09	1,13	0,89	0,97	0,78	0,85	0,66	0,74	0,58
FORTE 02	5	140	0,97	0,78	0,78	0,62	0,66	0,54	0,58	0,46	0,50	0,39	0,42	0,31
FORTE 03	5	140	1,25	1,01	1,01	0,82	0,85	0,70	0,74	0,58	0,66	0,50	0,54	0,42
FORTE 04	6	140	0,58	0,46	0,46	0,39	0,39	0,31	0,31	0,27	0,27	0,23	0,23	0,15
FORTE 05	6	140	0,97	0,78	0,78	0,62	0,66	0,54	0,54	0,46	0,50	0,39	0,42	0,31



Pedestrian square pole range in different rhythms

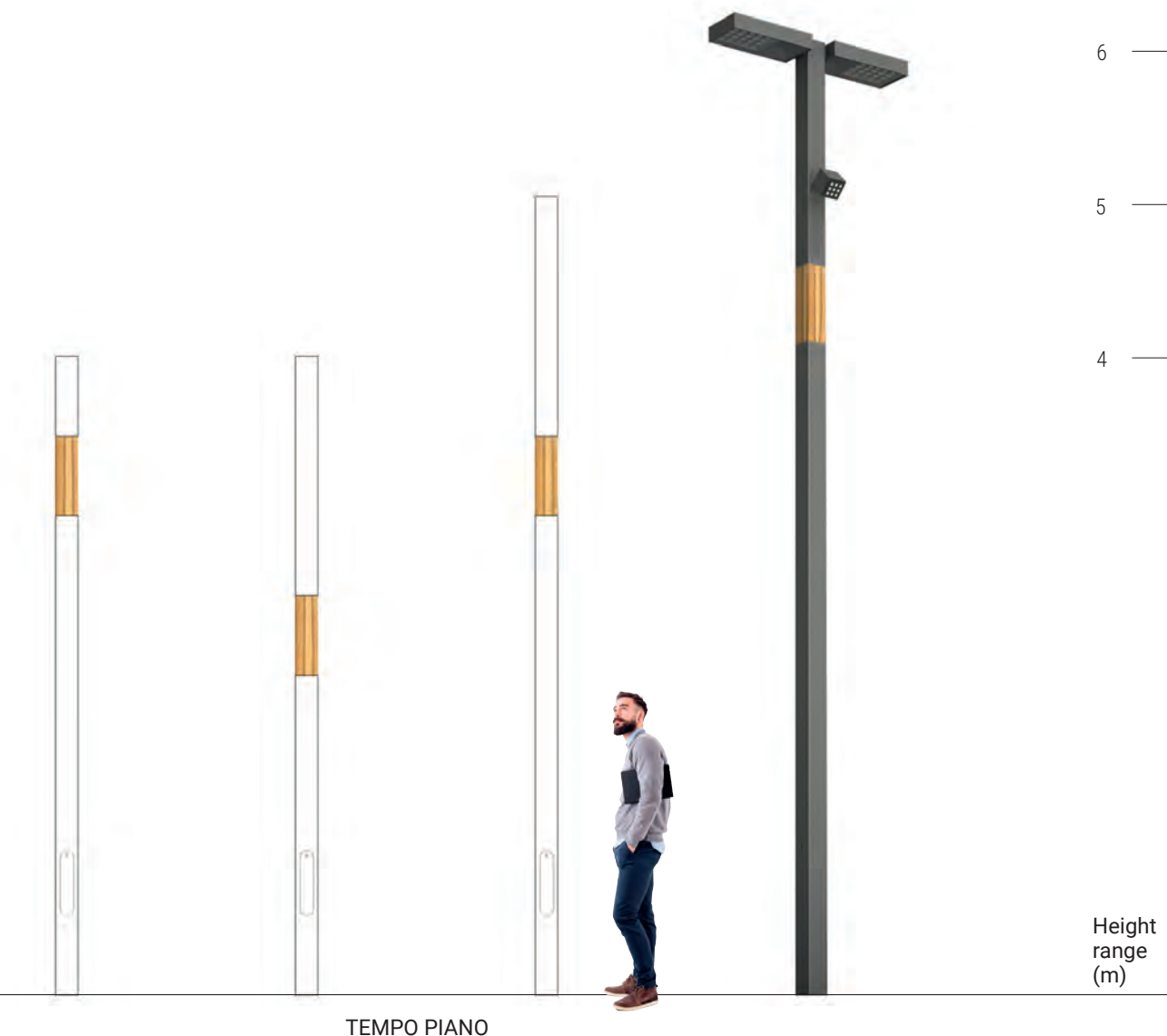
Enhance the visual appeal of your pedestrian or cycle lane with our innovative square Tempo poles. Tempo offers a variety of exciting styles to choose from, making it easy to customize the look of your lane.

Select either the Piano wooden section, which measures 500 mm in height, or the Forte wooden section, which stands tall at 1500 mm. You can adjust the placement of the wooden section of the pole to your desired height, while ensuring that the total height of all poles along the lane remains the same.

TEMPO

PIANO

The pole does not include the arm and the lantern.



TEMPO

FORTE

The pole does not include
the arm and the lantern.



6

5

4

Height
range
(m)

TEMPO FORTE



DECORATIVE POLES – TEMPO



Visualization

Dimensions



TEMPO														
	Main dimensions (mm)					Door (mm)				Flange (mm)		Plant depth (mm)		
	Height (m)	Top □	Base □	Steel height	Wood length	Height	Width	Distance	Internal dimensions	Bolt spacing	Width	Concrete	Ground	
PIANO 01	4	140	140	3000	500	400	85	500	80x105	200x200	270	Ask information from sales	800	
PIANO 02				2000										
PIANO 03				3000										
PIANO 04	6			4000									1500	1000
FORTE 01	4			1400	800									
FORTE 02	5			2000										
FORTE 03				1400										
FORTE 04	6			3000	1000									
FORTE 05														

CLICK on the pole height to see recommended installation methods and downloadable files on our website.

Luminaires can be installed on top of the TEMPO pole or with fixed, one- or two-sided side mounting brackets.

Ask for other customization options from Tehomet sales.



Capacity of the poles

TEMPO														
	Height (m)	Base square	EN40 EN1995											
			22m/s CAT2	22m/s CAT1	24m/s CAT2	24m/s CAT1	26m/s CAT2	26m/s CAT1	28m/s CAT2	28m/s CAT1	30m/s CAT2	30m/s CAT1	32m/s CAT2	32m/s CAT1
PIANO 01	4	140	2,61	2,03	2,10	1,64	1,71	1,32	1,40	1,05	1,17	0,85	0,93	0,70
PIANO 02	4	140	2,57	2,03	2,10	1,64	1,71	1,28	1,40	1,05	1,13	0,85	0,93	0,70
PIANO 03	5	140	1,67	1,25	1,28	0,97	1,01	0,74	0,78	0,54	0,58	0,39	0,42	0,27
PIANO 04	6	140	1,01	0,70	0,74	0,46	0,50	0,31	0,35	0,15	0,19	0,03	0,07	-
FORTE 01	4	140	2,53	1,99	2,07	1,60	1,67	1,28	1,36	1,01	1,13	0,82	0,89	0,66
FORTE 02	5	140	1,60	1,21	1,25	0,89	0,93	0,66	0,74	0,50	0,54	0,35	0,39	0,23
FORTE 03	5	140	1,64	1,25	1,25	0,93	0,97	0,70	0,74	0,50	0,58	0,35	0,42	0,23
FORTE 04	6	140	0,93	0,66	0,66	0,42	0,46	0,23	0,27	0,11	0,15	-	0,03	-
FORTE 05	6	140	1,01	0,70	0,70	0,46	0,50	0,27	0,31	0,15	0,19	0,03	0,07	-



8

7

6

TRIPLE

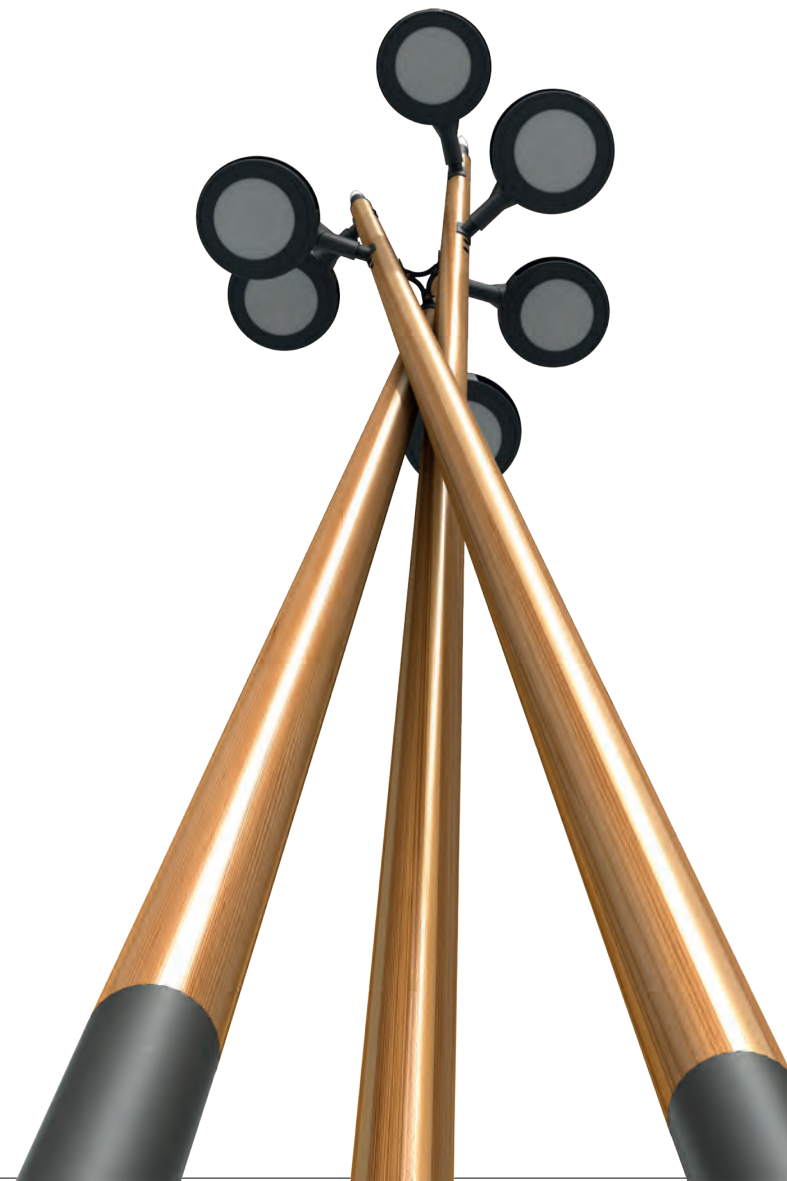
The eye-catching
Triple pole stands
firmly on three legs

Introducing Triple, an extraordinary lighting solution designed to illuminate vast landscapes including squares, parks and open spaces.

Triple consists of three Pallas poles, which together create a harmonious ensemble. The pole offers the flexibility to accommodate multiple luminaires, each adjustable to shine light in various directions. Triple is available in two standard heights, 6 and 8 meters, suitable for diverse lighting requirements.

The pole does not include the arm and the lantern.

Height
range
(m)



DECORATIVE POLES – TRIPLE



Project lead: Urbis Schreder / Photography Alex Bland / Customer: Balfour Beatty



Dimensions



TRIPLE											
Main dimensions (mm)				Door (mm)				Flange (mm)		Plant depth (mm)	
Height (m)	Top ø	Base ø	Steel height	Height	Width	Distance	Internal dimensions	Bolt spacing	Side length	Concrete	Ground
6	100	168	1400	400	85	500	80x120	200x200	270	600	1000
8		194					80x150	300x300	400	700	1200

CLICK on the pole height to see recommended installation methods and downloadable files on our website.

Luminaires can be installed on top of the TRIPLE pole or with fixed, one- or two-sided side mounting brackets. Ask for other customization options from Tehomet sales.



DECORATIVE POLES – TRIPLE

Capacity of the poles

TRIPLE													
Height (m)	Base ø (mm)	EN40 EN1995											
		22m/s CAT2	22m/s CAT1	24m/s CAT2	24m/s CAT1	26m/s CAT2	26m/s CAT1	28m/s CAT2	28m/s CAT1	30m/s CAT2	30m/s CAT1	32m/s CAT2	32m/s CAT1
6	168	1,32	1,05	1,09	0,85	0,74	0,74	0,78	0,62	0,66	0,54	0,58	0,46
8	194	1,21	0,97	1,01	0,82	0,66	0,66	0,70	0,58	0,58	0,46	0,50	0,39

Reference load of 30 kg used for calculation.



High masts

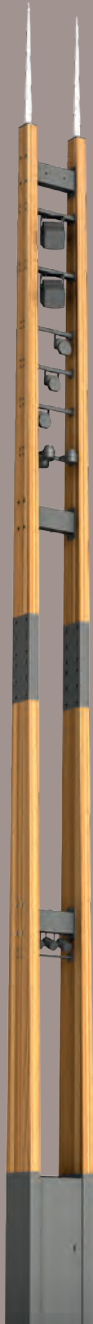
Tehomet offers a sophisticated and environmentally friendly alternative to traditional steel masts with our exquisite range of wooden masts. Our diverse range features both single- and double-shaft variations, offering versatile solutions to accommodate a wide range of lighting requirements.

By employing meticulous design techniques and utilizing top-quality raw materials, we have achieved the production of wooden masts that surpass a height of 20 meters.



HIGH MASTS

Tehomet wooden high masts collection



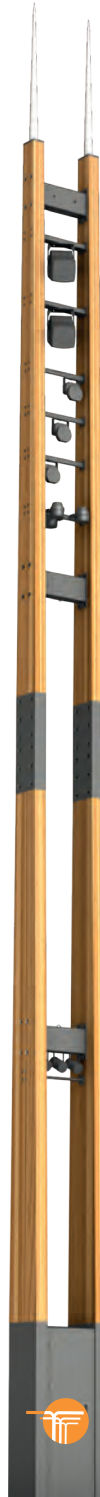
COTKA



KARTIO



NELIÖ



COTKA

Stylish large lighting loads at heights of more than 20 meters

Tehomet's double-shaft Cotka wooden mast is the perfect solution for enhancing the aesthetic appeal of recreational areas or roundabouts with its elegant look.

The Cotka mast is available in various heights ranging from 8 to 24 meters. Its design and performance are customized to meet the specific requirements of each project.

The unique feature of this model is its single steel base section that connects the wooden structural elements. The base section also includes a large door, conveniently located at standing height, allowing for easy access and maintenance.



HIGH MASTS – COTKA



ROUEN France



HIGH MASTS – COTKA



ROUEN France



ROUEN France



HIGH MASTS – COTKA



KARTIO

The KARTIO mast shares the same shape as Pallas, Tehomet's most popular wooden pole

The Kartio wooden mast is perfect for illuminating public squares and other vast outdoor areas that require large scale lighting.

At Tehomet, we design each Kartio mast on a project-specific basis to ensure the best fit for the intended purpose. Besides luminaire mounts, we can also add decorative elements such as mast-top spikes to enhance the overall elegance of the structure. The decorative spikes can even be illuminated for an added touch of sophistication.

For greater lighting coverage, we also offer double-shaft versions of the Kartio mast.



HIGH MASTS – KARTIO



HIGH MASTS – KARTIO



VISBRUG Netherlands



BRÜHL Germany



NELIÖ

Clean, strong lines

Named after its Finnish counterpart, the Neliö wooden mast is another popular lighting solution that boasts a clean and elegant conical shape. It is perfect for illuminating public squares and other vast outdoor spaces. Neliö is a wooden mast for a stylish and sustainable lighting solution that is sure to impress.

Similar to our square conical lighting pole, Koli, Neliö is designed to meet the unique requirements of each project. We can also add decorative elements, such as mast-top spikes, to enhance the overall sophistication of the structure.

At Tehomet, we offer double-shaft versions of the Neliö mast to provide even greater lighting coverage.



HIGH MASTS - NELIÖ



HIGH MASTS - NELIÖ





HIGH MASTS – NELIÖ



AVORIAZ France



AVORIAZ France

HIGH MASTS – NELIÖ



Arms

Introducing our collection of steel arms perfect for a variety of needs. We offer customization to fit your project.

Our arms are hot-dip galvanized and powder coated to meet EN ISO 1461 standards for durability. You'll benefit from reliable construction and easy installation, which ensure a secure foundation for your lighting needs.



Tehomet arms collection



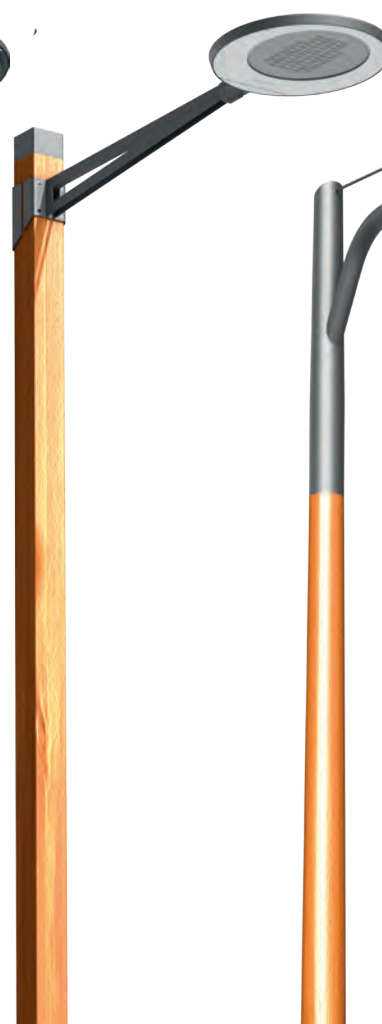
AARKI



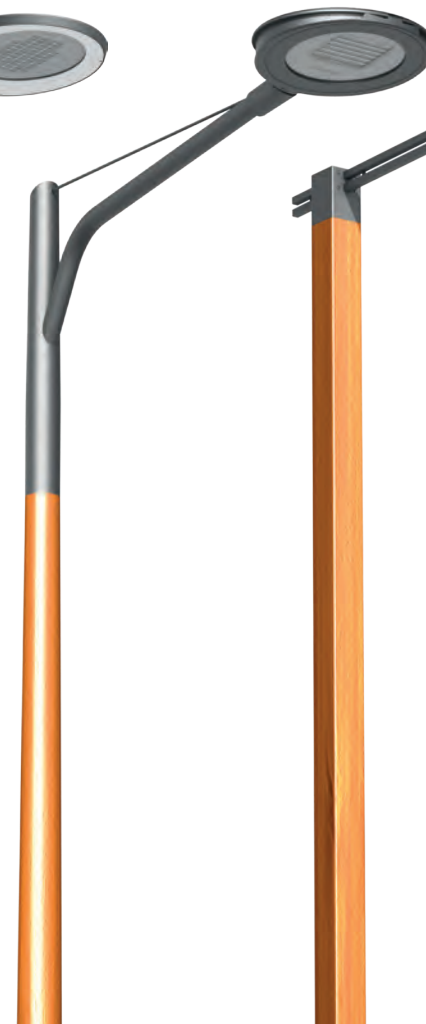
GULL



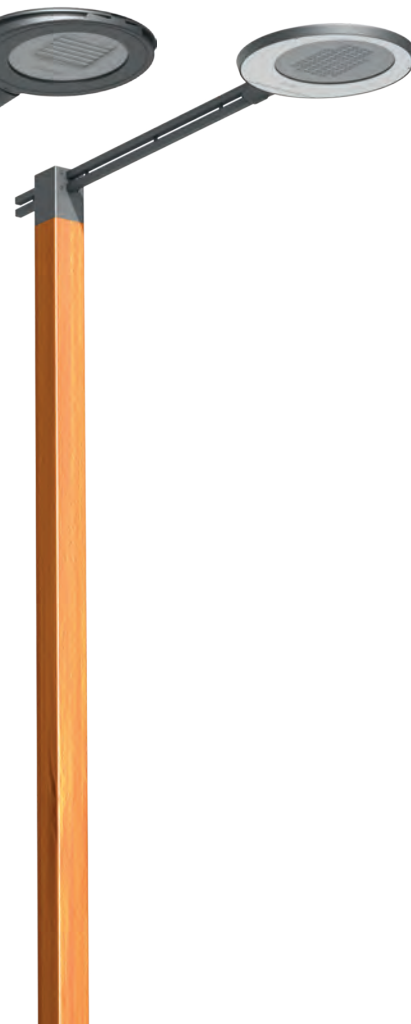
MERGANSER



SWALLOW



SEKA



TIKKA





AARKI

Versatile mounting solution

Tehomet provides an exceptional mounting solution with the upright Aarki arm, which is highly versatile and can accommodate various luminaires to deliver adaptable floodlighting. When combined with the Siipi floodlight adapter, mounted floodlights can be inclined up to 40 degrees.

We offer the Aarki upright arm in both square and round versions, with multiple height options such as 1 m, 1.5 m and 2 m. This provides flexibility when designing lighting systems that meet the unique requirements of any project.



GULL

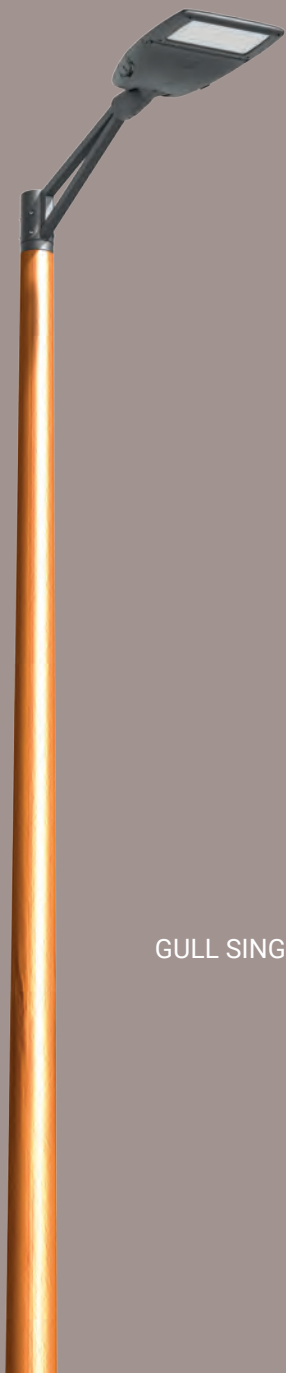
Clean lines and strong support

The Gull arm is a sleek and modern addition to Tehomet's collection of decorative wooden poles. It boasts a strong, upward-facing design that perfectly supports clean-lined luminaires. Gull arms can be easily installed on both our wooden and steel poles.

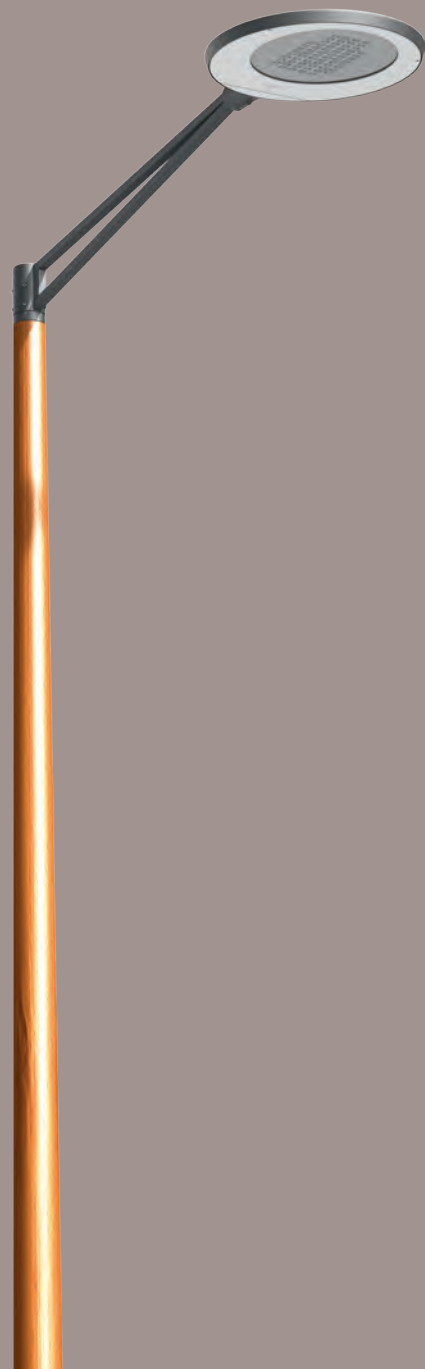
Featuring square tubes that point skyward, the Gull arm offers a top installation that is compatible with most of our models. This means that you can easily implement a variety of outreaches for both single and double armed models. Standard outreaches for Gull arms include 600 mm and 1200 mm options.



ARMS - GULL



GULL SINGLE



GULL DOUBLE



MERGANSER

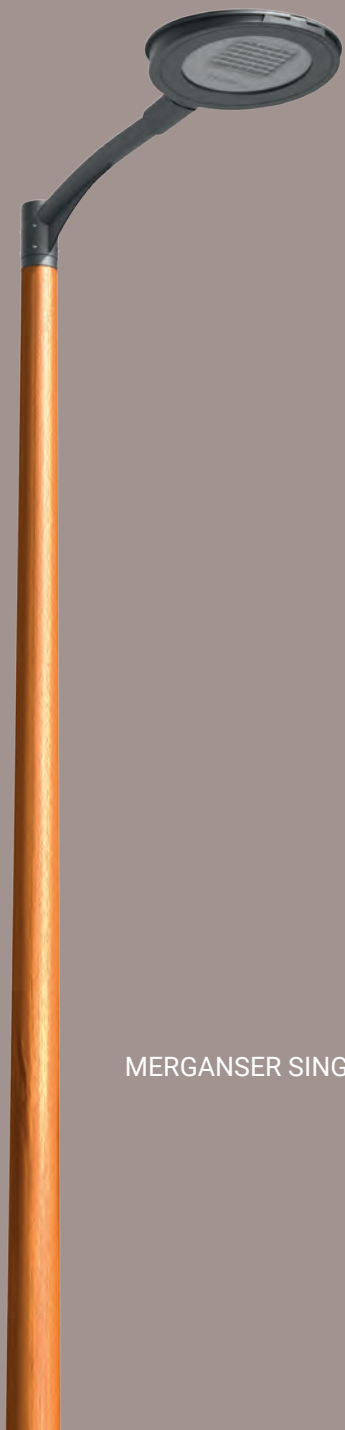
A popular and flexible arm for your lighting needs

The Merganser arm is the most popular model in Tehomet's collection of decorative wooden pole arms. Its stylish functionalist design has made it a sought-after choice for steel poles as well. The Merganser arm is compatible with most of our pole models, making it a versatile and convenient option for any lighting project.

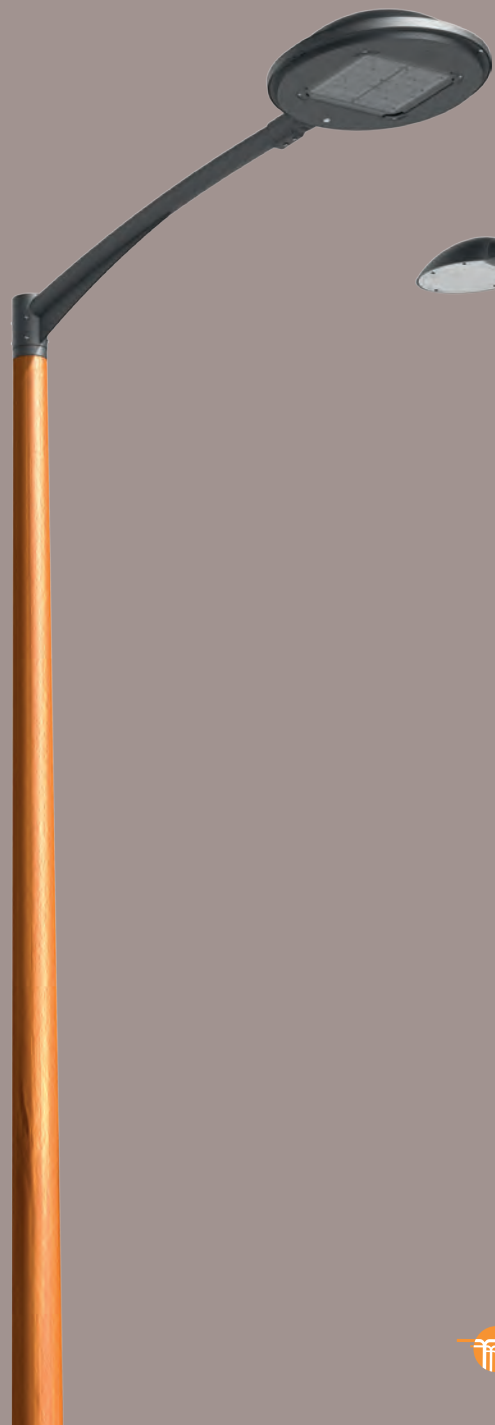
With the Merganser arm, you can easily implement a variety of outreaches for both single and double armed models. Standard outreaches for Merganser arms include 600 mm and 1200 mm options, giving you flexibility in designing your lighting solution.



ARMS – MERGANSER



MERGANSER SINGLE



MERGANSER DOUBLE



SWALLOW

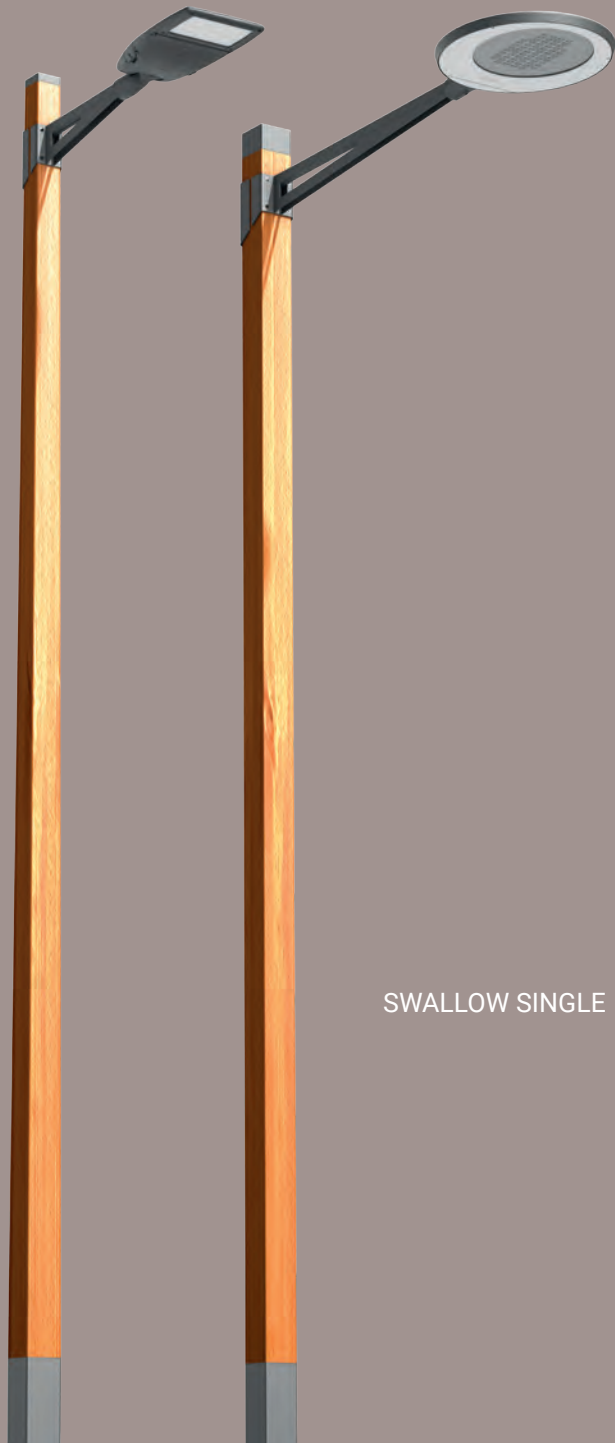
Wrap it around the pole

Swallow is a sophisticated arm designed for mounting on square wooden pole shafts. It elegantly wraps around the pole, creating a harmonious and visually appealing whole.

Swallow arms can be used on both single and double armed models with standard outreaches of 600 mm and 1200 mm. It offers a convenient solution for implementing a variety of outreaches.



ARMS - SWALLOW



SWALLOW SINGLE



SWALLOW DOUBLE



SEKA

A perfectly complementary addition to the Seka pole

The Seka arm has been designed to complement the unique combination of wooden and steel components found in the Seka pole. With its elegant design, the Seka arm fits seamlessly with the pole to create a cohesive look.

For added versatility, the Seka arm is available with outreaches of 600 mm and 1200 mm, making it suitable for both single and double armed models. This means that you can customize your lighting solution to meet the specific needs of your project.



TIKKA

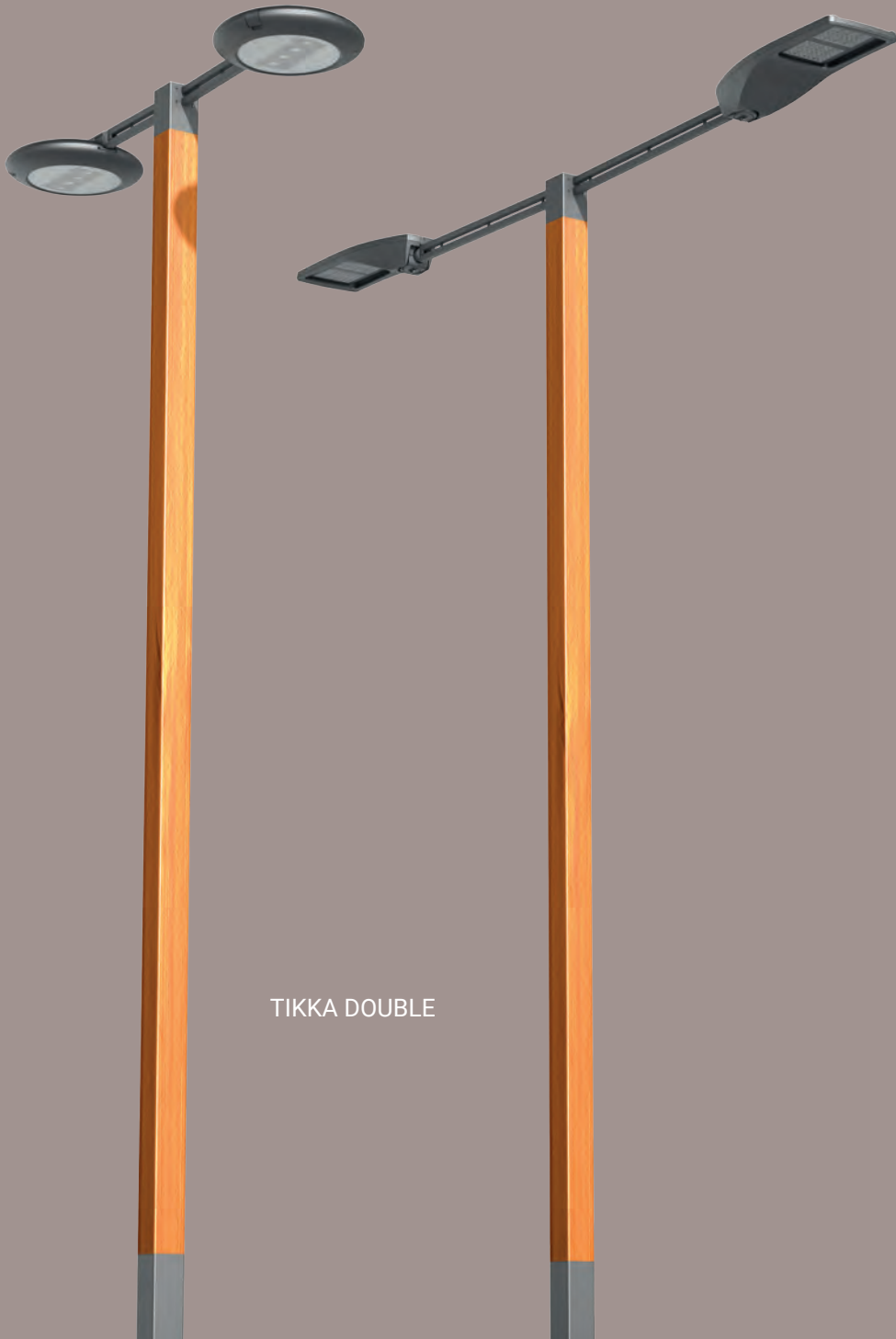
Linear choice for many solutions

With its sleek and modern design, the Tikka arm makes it a versatile choice for both round and angular wooden poles. Additionally, it can also be mounted on steel poles.

The Tikka arm comes in standard outreaches of 600 mm and 1200 mm for both single and double armed models.



ARMS - TIKKA



TIKKA DOUBLE



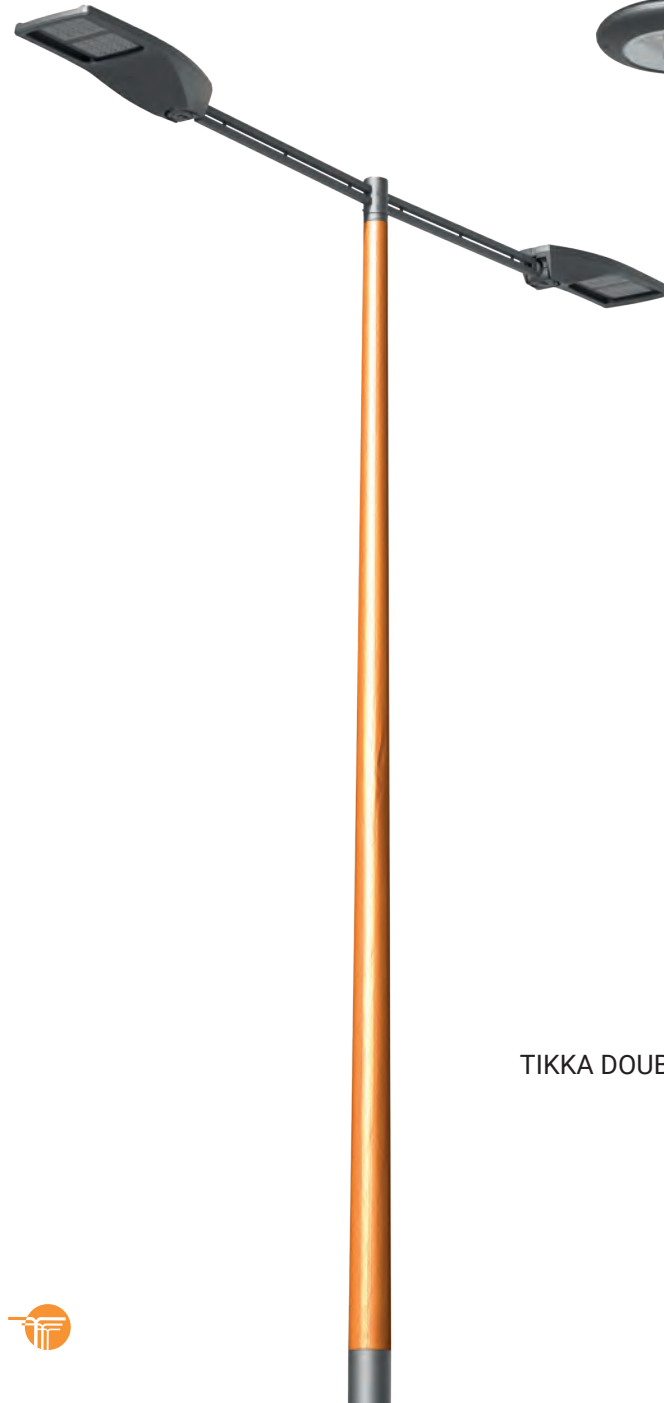
TIKKA SINGLE



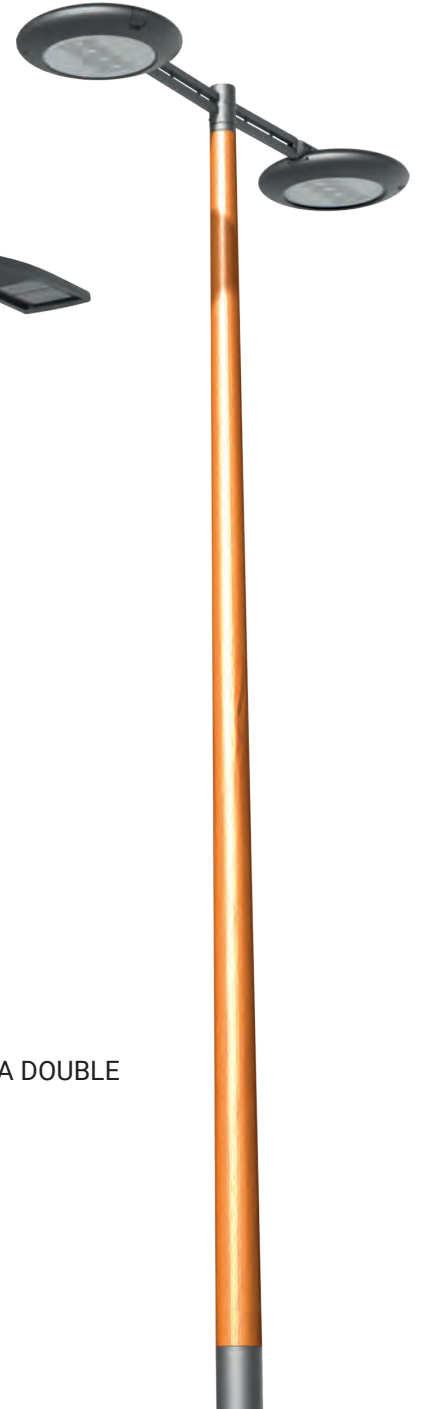
ARMS - TIKKA



TIKKA SINGLE



TIKKA DOUBLE



ARMS

Arms suitability



Pole	Merganser	Gull	Tikka	Seka	Swallow	Aarki
IVALO	X	X	X			X
KEVO	X	X	X			X
KOLI	X	X	X		X	X
OLAVI	X	X	X			X
PALLAS	X	X	X			X
SEKA				X		

Please check our sales for the arm's structural suitability for the location and wind conditions. Inquire about other customization options.



Brackets

We ensure that you always receive the ideal bracket for every luminaire, as we meticulously customize them to fit your project's unique

structural and visual requirements. Therefore, the dimensions and shapes of the products on the following pages are meant to be representative.



BRACKETS

Mounting plate



A mounting plate is the perfect option when the luminaire needs to be attached directly to the wooden pole shaft. The mounting plate is customized for each selected luminaire and pole type, and therefore it is always perfectly suited to the project at hand.



Side mounted brackets



BRACKETS

Siipi

Siipi allows a stepless mounting bolt spacing for various floodlights. The adapter is also easily modifiable.

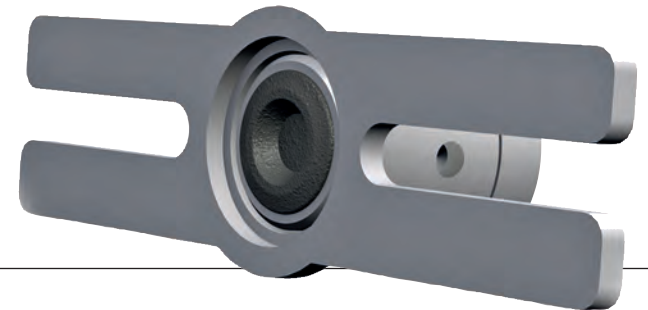
It can be attached directly with a mounting plate to the wooden pole or steel structure.

- Ability to rotate 40° in both directions
- Grommet for cable

Available in two different models:

1. The straight version can be used when the floodlights own bracket has a cable hole in the middle.
2. The staggered model is intended for floodlight models in which the cable hole is not in the middle.

The Siipi bracket can be customized according to needs of the project.



BRACKETS – MOUNTING PLATE



Bollards

Tehomet's wooden bollards are well-suited to delimiting areas, controlling traffic and creating a desired atmosphere. These are typically used in various urban settings, walkways and parks.

Our wooden bollards have a similar shape and structure to our wooden lighting poles. By choosing lighting poles and bollards from the same product family, you can create a harmonious landscape.



Tehomet bollards collection



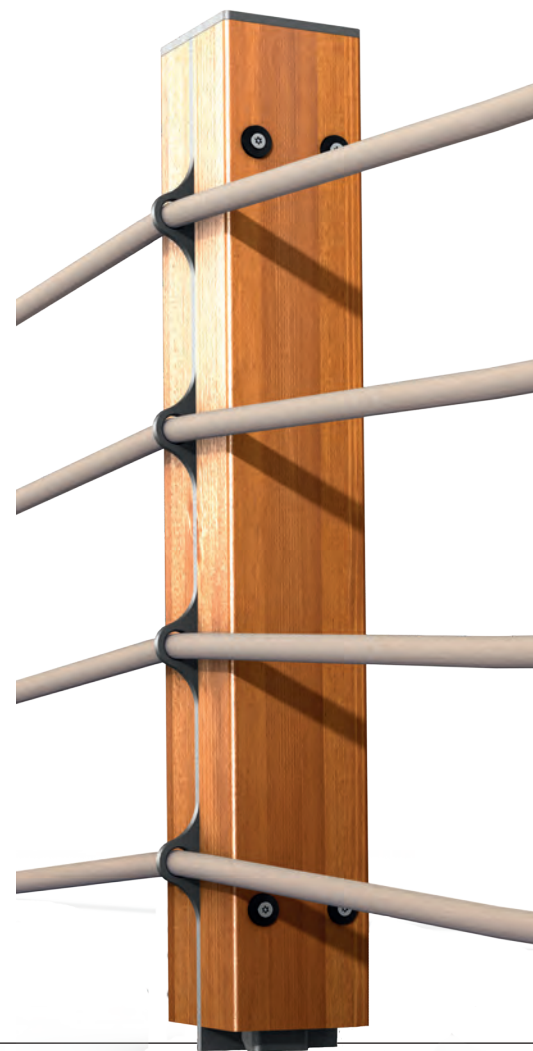
INARI



PALLAS



RUKA



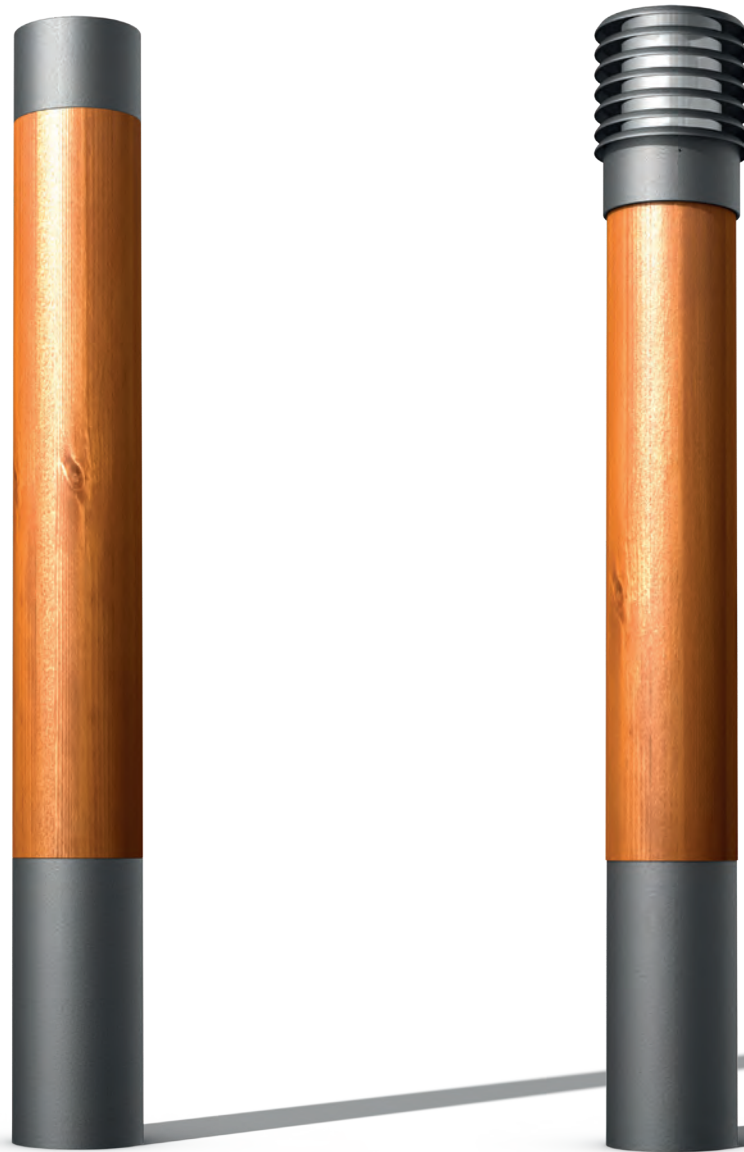
LIMITER



INARI

For a unified theme

Inari's sleek and minimalist design follows the same design style as Inari poles. The Inari bollard's simplicity makes it effortless to achieve an aesthetically pleasing and well-thought-out and detailed end result. The bollard can be equipped with dedicated light head.



BOLLARDS - INARI



BOLLARDS – INARI



PALLAS

Simply elegant

The Pallas bollard flawlessly captures the timeless conical design of our highly sought-after Pallas pole. This creates a bollard that breathes elegance through its sheer simplicity.

Customize your Pallas bollard with the perfect color combination for your project, selecting from our extensive array of wood and steel component colors.





RUKA

Architectural choice

The Ruka bollard's square profile offers the perfect choice for those who want to add a touch of customization to their outdoor spaces.

With a variety of engraving options available, you can add your own personal touch to the bollards.



BOLLARDS – RUKA

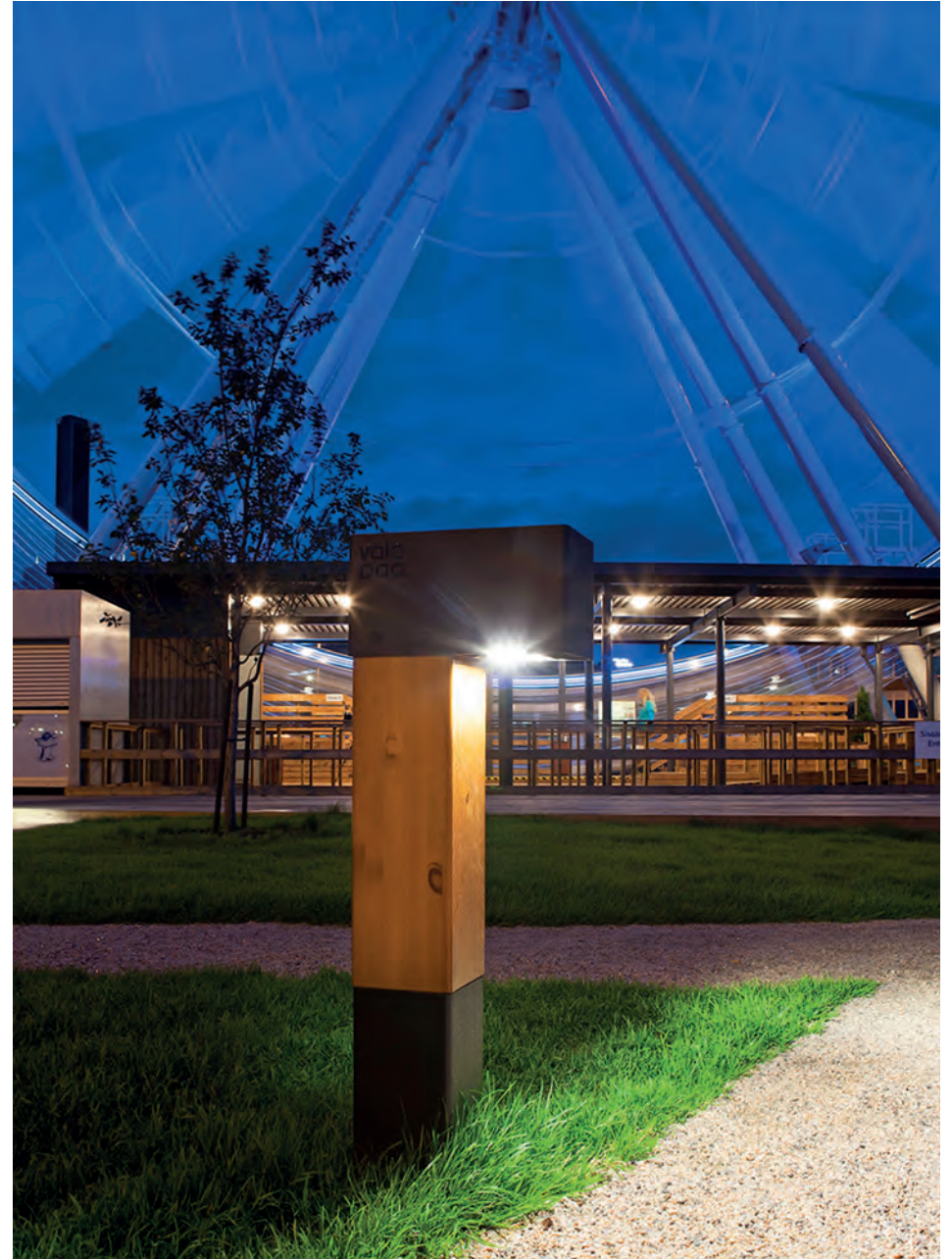


HELSINKI Finland

BOLLARDS - RUKA



PUDASJÄRVI Finland



HELSINKI Finland

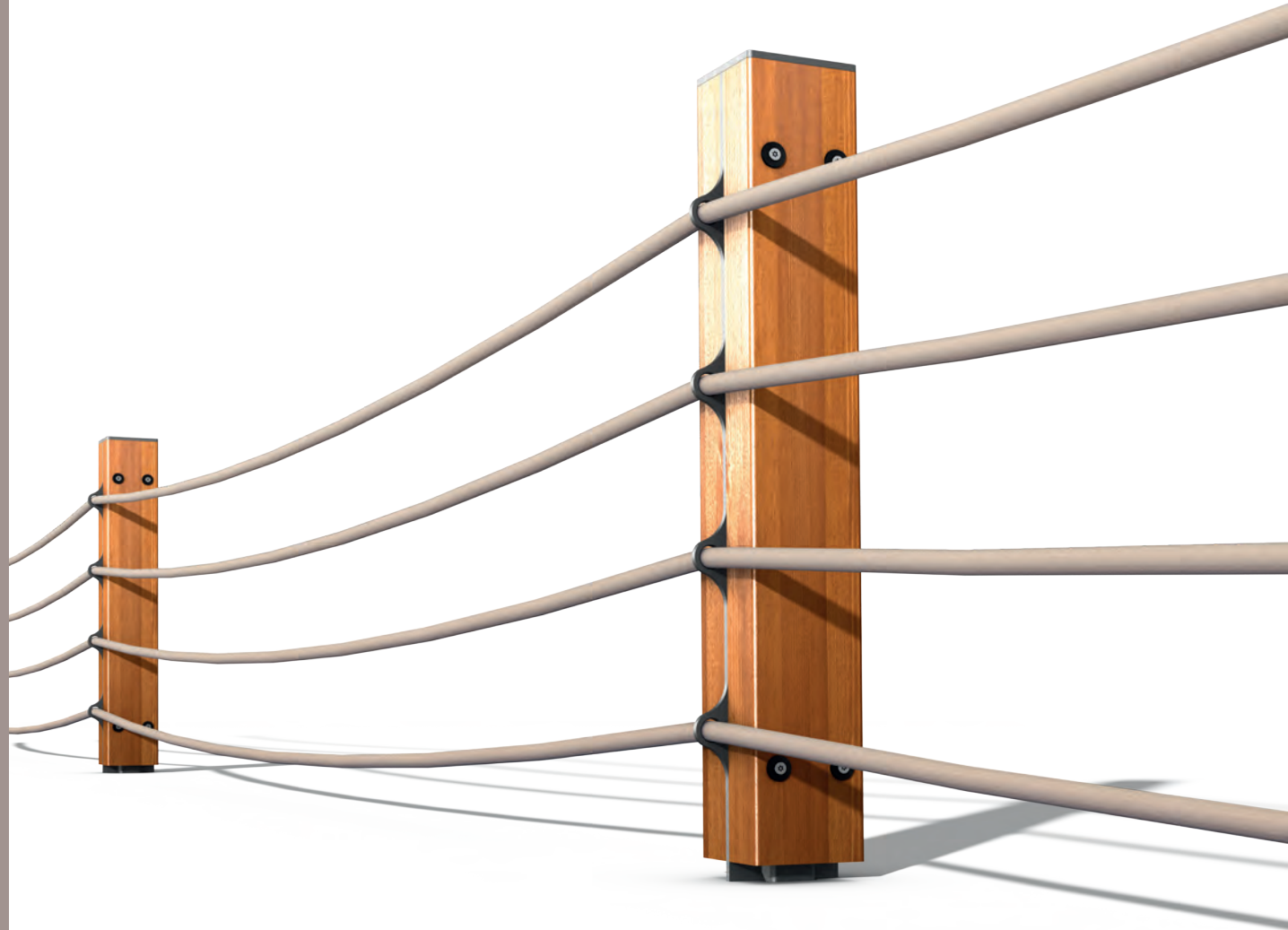


LIMITER

An elegant way to delimit areas

Limiter bollards serve as a sophisticated means to regulate or manage traffic flow and provide security for public areas. These bollards are frequently employed in urban settings and other public spaces to establish a guiding fence between pedestrians and vehicles.

Bollards are meticulously crafted to align with the specific preferences of our customers. Material between bollards can be chosen by location and designed accordingly. We ensure that the shape, color, and overall aesthetic of the bollards harmonize seamlessly with the surrounding architectural elements.



BOLLARDS - LIMITER



BOLLARDS - LIMITER



BOLLARDS

Dimensions



BOLLARDS round

Main dimensions (mm)					Flange (mm)		Plant depth (mm)	
	Height	Top \varnothing	Base \varnothing	Steel height	Bolt spacing	Side length	Concrete	Ground
Pallas	1000	100	140	300	200x200	270	500	800
Inari	1000	140						

BOLLARDS square

Main dimensions (mm)					Flange (mm)		Plant depth (mm)	
	Height	Top \square	Base \square	Steel height	Bolt spacing	Side length	Concrete	Ground
Koli	1000	100	140	300	200x200	270	to foundation	800
Ruka	1000	140						



Customer stories



Experiential light for the Kuusijärvi nature site

The Kuusijärvi outdoor recreation area is one of the City of Vantaa's key projects, and the lighting solutions have taken into account the uniqueness and atmosphere of this valuable natural site. Wooden lighting poles were a natural choice for the wooded environment. The project made use of classic wooden pole models Koli, Ruka and Inari of different heights. Some of the poles are equipped with spotlights. The square and cylindrical pole profiles stand out from ordinary poles and beautify the Lake Kuusijärvi area. Lighting, architecture and nature form a coherent whole in the area.

LOCATION

Kuusijärvi outdoor recreation area,
Vantaa, Finland

CONSTRUCTION YEAR

2021-23

LIGHTING DESIGN

Jari Vuorinen, Lighting Design Collective

OVERALL DESIGN OF THE PROJECT

Milla Hakari, LOCI Landscape Architects Ltd.

WOODEN LIGHTING POLES

Koli

Conical square profile wooden pole

Ruka

Square parallel profile from the base to the top

Inari Park

Cylindrical wooden pole

WOOD COLOR

Brushed Nutmeg

STEEL COMPONENTS:

Hot-dip galvanized and powder coated
steel, RAL 8022



Crossing poles for flying squirrels

Finns have erected crossing poles for flying squirrels in Finland for 20 years. These poles are designed to provide a safe way for flying squirrels to cross busy roads – they serve as aerial bridges.

In 2021, Tehomet delivered 10 meter crossing poles to Rautpohja in Jyväskylä. The design and coloring of these poles were influenced by the narrow space between the roads and the surrounding nature.

LOCATION

Jyväskylä, Finland

CONSTRUCTION YEAR

2021

POLE DESIGN

Tehomet

WOODEN POLES

Modified 10 meter Pallas

WOOD COLOR

Brushed and painted in a RAL tone 8014

STEEL COMPONENTS

Hot-dip galvanized and powder coated steel,
Grey 900 Sand



CUSTOMER STORIES

Roosting birds

In the quest to establish a captivating and unique lighting design for a play park in Vantaa, the designers embarked on a mission to infuse playfulness into the illuminating elements.

The construction process unfortunately necessitated the removal of a considerable number of trees, which inspired the designers to incorporate a tree theme into their creative sketches. The remarkable outcome was the birth of Orrella, a brilliantly simple eye-catching feature that beautifully accentuates the park's nature-inspired concept.



LOCATION

Vantaa, Finland

CONSTRUCTION YEAR

2019

POLE DESIGN

Lighting Design Collective

WOODEN POLE

A piece of light art, standing 8 meters tall, fully customized to resemble a tree

WOOD COLOR

Brushed Cinnamon

STEEL COMPONENTS

Hot-dip galvanized and powder coated steel, RAL 9004



WOODEN POLE PROJECTS



WOODEN POLE PROJECTS



WOODEN POLE PROJECTS



WOODEN POLE PROJECTS



WOODEN POLE PROJECTS



WOODEN POLE PROJECTS



THUNDER BAY Canada



VERQUIGNEUL France



WOODEN POLE PROJECTS



ANZIN France



LAMOTHE-GOAS France



WOODEN POLE PROJECTS



YAINVILLE France



KANGASALA Finland



WOODEN POLE PROJECTS



HÄMEENKYRÖ Finland



SAINT-JEANNET France



WOODEN POLE PROJECTS



LABARTHE-RIVIÈRE France



GRANDE-SYNTHE France



CUSTOMIZED WOODEN POLE PROJECTS



HAFNARFJÖRÐUR Iceland
Photo credit: Örn Erlendsson



OMAHA United States



CUSTOMIZED WOODEN POLE PROJECTS



WOODEN POLE PROJECTS



PETÄJÄVESI Finland



MÖTTÖNEN Finland



WOODEN POLE PROJECTS



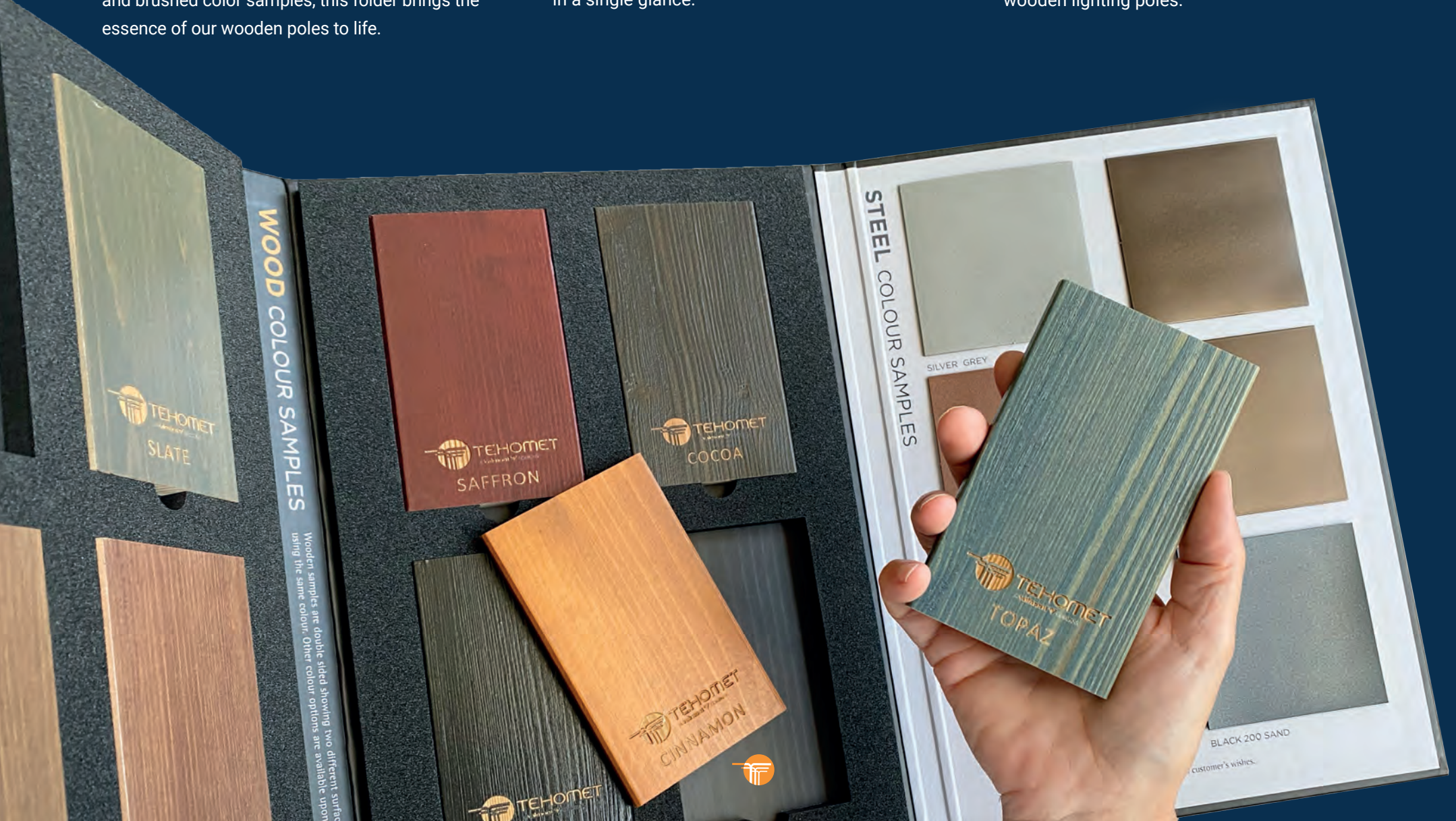
MORE INFORMATION

Color sample folder

Introducing our captivating sample folder, designed to let you experience the beauty and texture of the standard wood colors. With a selection of smooth and brushed color samples, this folder brings the essence of our wooden poles to life.

It also features the standard colors for the steel parts of our wooden poles, allowing you to effortlessly combine the warmth of wood and steel in a single glance.

Whether you're an architect, designer, or lighting professional, this sample folder is your gateway to exploring the endless possibilities of Tehomet's wooden lighting poles.



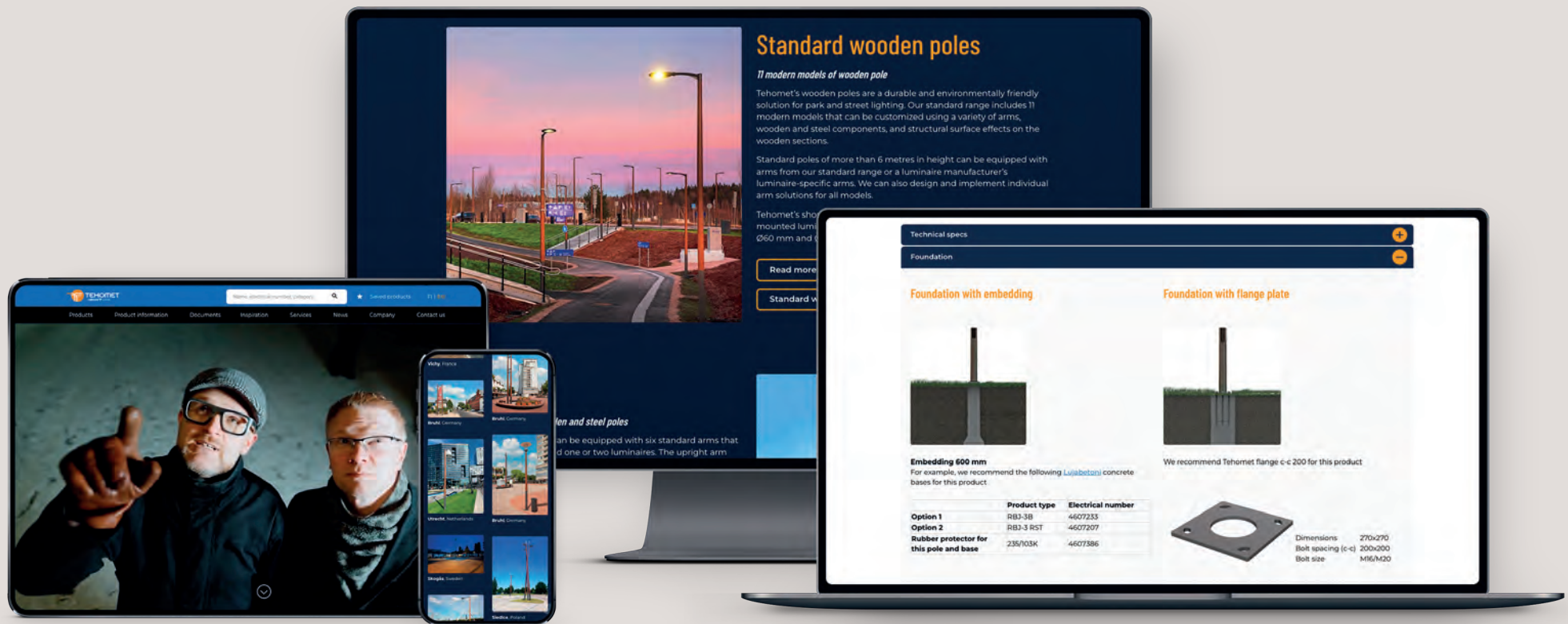
Woodenpoles.com

The full range of Tehomet services and products is at your fingertips.

On our website you will find downloads for wooden lighting poles, foundation options and lots of other useful information to help you with your project.

You can also explore other Tehomet products such as steel poles, traffic infrastructure products and the almost unlimited possibilities of customization.

[tehomet.com](https://www.tehomet.com)



TEHOMET WOODEN POLES
CATALOGUE EDITED BY TEHOMET OY

Layout Aalto Oy

Photos and images:

Most of the photos by Ilpo Aalto and
Matti Aalto

Renderings by Chris Waitzman,
Valmont Nederland B.V.

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Light all the way!



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