



Prêt-à-Porter
Lighting

Austin

USA



Longhorn.
Austin, Texas, USA.

THE LONGHORNS JOIN THE PARTY BENEATH THE INTERSTATE...

The Texas Longhorns, mascots of the University of Texas at Austin, light up the car park situated beneath this urban highway...



.....
.....
.....continues p.174

Photo Credits Tom Kessler.

FURNITURE TO LIGHT UP YOUR TOWNS...

Producing a new catalogue is always a delicate act which must be undertaken with great humility.

Without being pretentious, Valmont is enthusiastic at the idea of sharing the fruits of many years' labour with contracting authorities and project managers.

This is with the aim of giving columns meaning as actual Urban Furniture.

This item of furniture, which is the most widespread in public spaces, is gradually coming to be seen less as a necessary evil and more as a truly decorative object, contributing to structure and atmosphere. Those involved in urban planning have got the measure of this new role and increasingly play with the various possibilities for personalisation which columns afford.

In order to satisfy these new aesthetic conditions, Valmont has integrated multiple technologies dedicated to the development of tomorrow's street furniture.

*Aluminium spinning, shaping of laminated timber and multilayered assembling of Steel have been added to existing technology.

*Product finishing has been perfected with the incorporation of Invisible welds on the steel poles, spectro-colouring aluminium poles, transfer techniques, large-scale powder coating, etc.

This technology has made it possible to widen both the range of products in our catalogue and the creative field for each of your projects.

Valmont's structure has been adapted to satisfy the specific aesthetic, qualitative, economic and time demands of this activity, by:

*Integrating a team of Designers.

*Developing in-house software for multi-material calculations.

*Setting up Project Manager positions devoted to following through more Complex projects.





Rue de Paris. Vichy. France. 2010

Our obvious responsibility as industrialists with regard to the Environment has brought new demands.

As a result, we have:

- *Opened in 2008 a powder coating production line with 0 rejects.

- *Set up the ZEP carbon offset process.

- *Optimised countrywide deliveries by incorporating them into scheduled rounds.

- *Obtained ISO 14001 certification in 2012.

- *Put in place the Lean Management method with the aim of eliminating everything which does not hold value for our clients.

Without forgetting, of course, that Valmont's industrial model is based on local presence, with 105 production sites throughout the world, with the aim of serving clients as locally as possible.

We hope that the range of choices and technology laid out in this catalogue will give you scope to express your creativity fully and allow us to contribute, within our means, to the general balance of your projects.

On behalf of all Valmont staff, we wish you success in all your projects.

Lionel Bertrand

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MOVING TOWARDS SUSTAINABLE DEVELOPMENT...

From a conceptual point of view, Sustainable Development is made up of three parts:

ECONOMIC, SOCIAL & ENVIRONMENTAL.

Valmont is progressively building a structured approach. Here we set out our advances in each field.

ECONOMIC.

Valmont acquired its first subsidiaries in 1989. Today, the Valmont group encourages local production for local consumption.

Thus, 95% of products manufactured in Europe are distributed in Europe.

The same is true for its North American market and for its Asian market.

With its subcontractors, the group's entities set up contracts which take into account the partner's capacity without endangering its overall activity.

Sustainable Development is a model for using resources to satisfy human needs whilst preserving the environment, so that these needs can be met, not only in the present, but also for Future Generations...



SOCIAL.

The various subsidiaries' staff and managers are recruited locally.

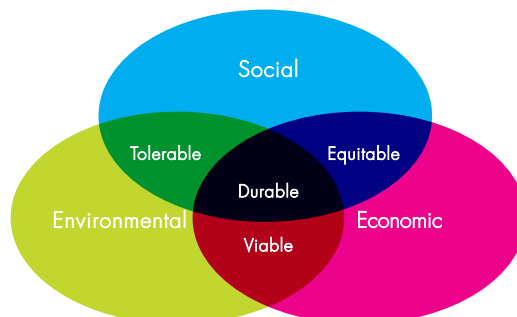
The company management respects local social laws as well as international Human Rights law. For this reason, child labour is not allowed in our production units.

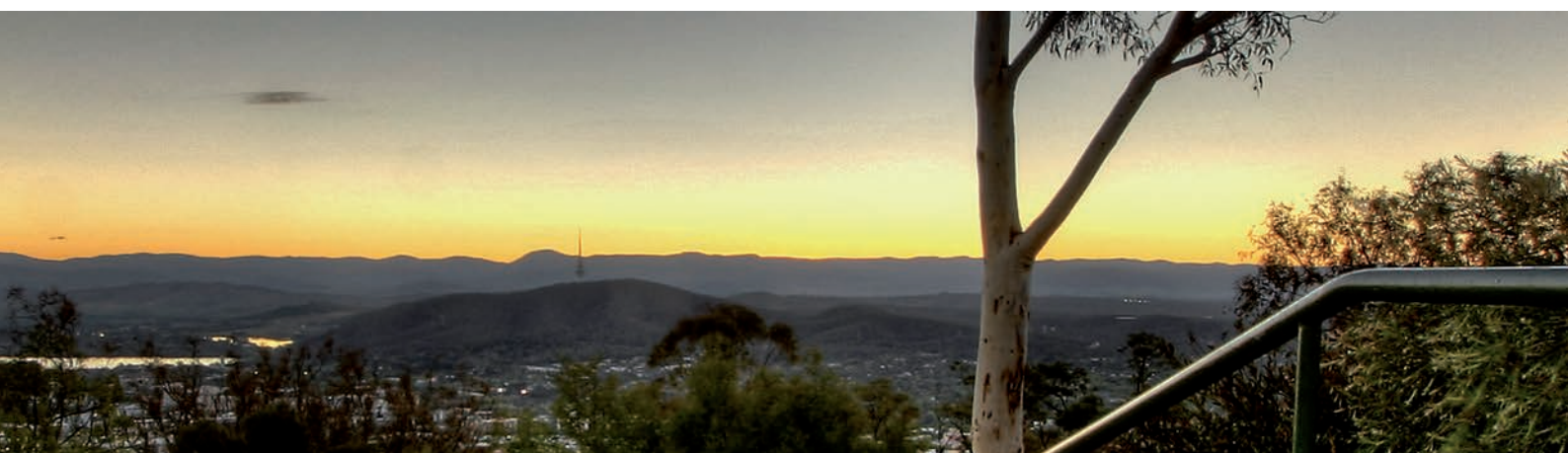
Each production unit conducts:

- * A Training policy which is accessible to its entire staff.

- * A Continual Improvement policy known as the Valmont Way.

This allows each staff member to contribute to Optimising their work station, be it in terms of Ergonomics, Organisation or Procedures.





ENVIRONMENTAL.

The points of progress are visible throughout the life cycle of its products, from the extraction of raw materials through to the recycling of products at the end of their useful life...

Supply.

* **25%** of the Steel comes from recycled Steel.

* **30%** of the Aluminium comes from recycled Aluminium.

* **100%** of the Wood comes from sustainably-managed forests, certified PEFC.

Design.

* Use of High-Strength Steel in production in order to optimise the quantity of material needed in the context of a particular usage.

* Systematic optimisation of the quantity of material needed to make a product, with respect to calculation standards in force.

Production.

* The "O" environmental impact powder coating line at Charmeil.

* The Wood production site at Parikkala is 100% heated using its own trash and production waste.

* The production sites for Aluminium at Rive de Gier and for Steel at Charmeil recycle 100% of their trash and production waste.

* The production sites for Aluminium at Rive de Gier and for Steel at Charmeil both have ISO 14001 certification.

Logistics.

* Product delivery is organised in rounds so as to optimise transport and thus reduce its impact.

End of life.

* Valmont is committed to taking back masts on simple request. The returns procedure is organised to fit in with delivery rounds...

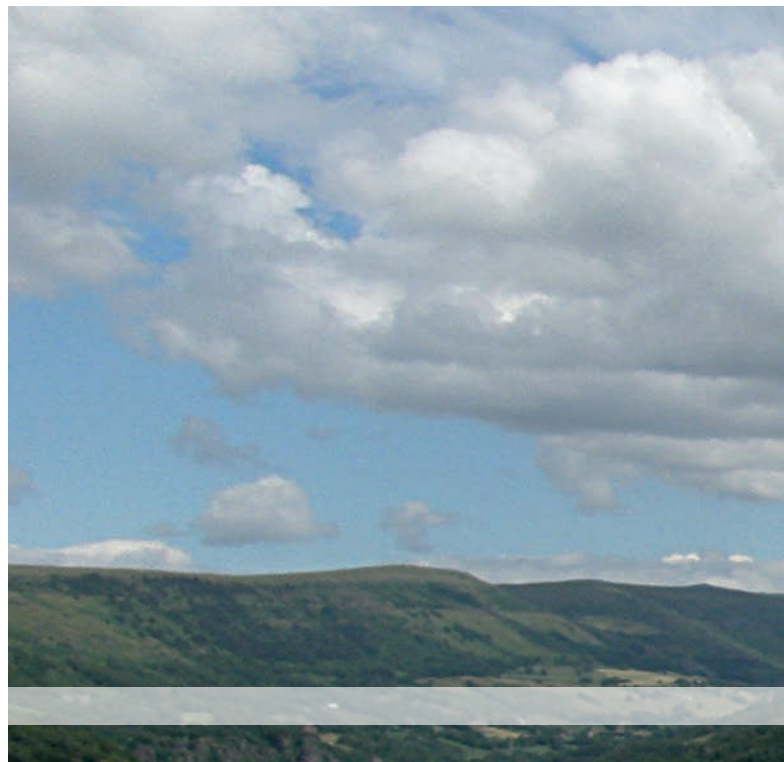


THROUGHOUT THEIR LIFE CYCLE, FROM ORIGINAL RAW MATERIAL TO FINAL RECYCLING, ALL PRODUCTS HAVE ENVIRONMENTAL IMPACT.

There are many factors which can have a negative impact the environment:

- * Greenhouse gas densification.
- * Necessary energy consumption.
- * Dangerous waste production.
- * The impact on air (toxicity and acidification).
- * The impact on water (toxicity and acidification).
- * Thinning of the ozone layer.
- * ...

The scale of the task and considering the requirements outlined in the **Kyoto** agreement (commitment to reduce greenhouse gases), **Valmont has concentrated on its products' carbon footprint.**



The amount of greenhouse gas emitted is calculated throughout a product's life cycle and is converted to equivalent CO₂ in order to obtain the carbon footprint.

This varies depending on the product (diameter, height, materials, etc.). Hence, in certain cases, choosing a laminated timber alternative can reduce the carbon footprint of your project by up to 40%.

To conduct the study completely objectively, Valmont collaborated with technical consultancy company REJLERS.

Valmont can therefore provide the carbon footprint of each of its products.





Panorama. Salers Cantal.

As part of its Continuous Improvement Policy and along with its innovations, Valmont is committed to a process of reducing this impact...

Some points of progress:

- * By using High-Strength Steel for optimised design.
- * By using Aluminium incorporating 30% recycled matter.
- * By using waste recycling or treatment in plants.
- * Valmont France obtaining ISO 14001 Certification.
- * By optimising delivery rounds
- * ...



Our aim is to obtain the lowest possible carbon footprint for your Projects, whatever the materials used...

MASTERED DESIGN AS AN INTRODUCTION...

Mastered design is a technique aimed at limiting environmental degradation factors. However, despite the implementation of such an approach, every production process has an environmental impact, however small it may be.

In 2009.

In order to pursue their efforts at reducing greenhouse gas emissions, Valmont started working alongside the Treesforall organisation

Together, they have set up a parallel process aimed at compensating the residual CO₂ associated with the production of Valmont's poles.

www.treesforall.info

Today.

Valmont is taking part in a programme for planting **Jatropha** shrubs in Mali. The growth of these shrubs will absorb the equivalent CO₂ emitted during the production of your poles.

The activity thus generated will be used to create a local social and economic balance.



Zero Emission Pole
by valmont



Why Jatropha ?

These shrubs have been chosen by the organisation for their many environmental benefits:

- *The crop requires little care and water. (they can live for 3 years without water)
- *Their deep roots help fight erosion.
- *Jatropha hedges protect crops against animals.
- *Their fruit are harvested in the first year after planting.





Jatropha. Mali.

A valuable and useful fruit:

- * In traditional medicine.
- * In agriculture to feed livestock.

* For their oil as raw material for the development of a biofuel known as "Green Gold".

Thanks to Valmont's recent commitment, 24,920 shrubs (i.e. the equivalent of 1245 tons of CO₂) were planted and many jobs have been created.

This commitment is currently optional for the sale of our standard products. We have chosen to include it systematically to the manufacture and sale of equipment in the Prêt-à-Porter Lighting...



GLOBAL VISION AND LOCAL PRESENCE...

Valmont means expertise in designing and producing structural columns with global vision in 4 fields of activity:

- * **TRANSPORT.** (Lighting, Mobility,...)
- * **ELECTRICAL DISTRIBUTION.**
- * **TELECOMMUNICATIONS.**
- * **IRRIGATION.**

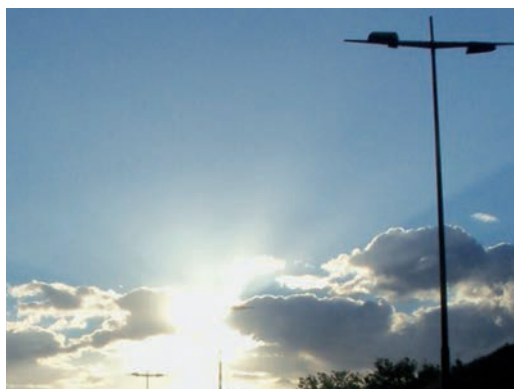
In 1946.

Robert Daugherty founded the Valmont Group in Valley, Nebraska. Valmont has always been innovative in designing many industrial machines making it possible to manufacture new products such as « Fluted Poles ».

In Europe, Valmont benefits from the experience of two entities which have traditionally focused on Street Lighting Furniture.

En 1989.

The Sermeto group joined Valmont, bringing its leading position in the making of Decorative Steel and Aluminium Furniture



Rocade Est. Lyon, France. 1994



Huopalahti. Helsinki. Finland. 1999

In 2007.

Tehomet added all its expertise in devising solutions for towns and for the production of Wooden Furniture.

Today.

Valmont covers more than 105 production sites and employs 9500 people sharing the same objective of excellence across the 5 continents.

Thanks to local production, which is the essence of its business model, Valmont respects national legislation and limits CO₂ generating transport flow.

Decentralising resources and production capacity in this way makes it possible to better understand and satisfy the specific needs expressed by clients...



Light Needle. Eindhoven. Netherland. 2009



Wiljam. Kangasniemi. Finland. 2010



National Stadium. Warsaw. Poland. 2011

Brought together in non-hierarchical groups, engineering and commercial teams benefit from each other's experience in listening to clients' needs, analysing trends, monitoring standards and technical and production expertise, all with a view to Continual Improvement.



VriPod. Cours La Ville. France. 2012



Mixity

MIXING WITHIN A
PROJECT, TO SERVE
CREATIVITY...

Contrary to an approach restricted to the use of a single material, or with a limited vision concerning the function of urban lighting furniture, Mixity opens up a field of discoveries and incomparable solutions.

Valmont develops its Mixity concept each day and in particular with regard to Materials, Atmospheres and Skills.

Mixing **Materials** to serve Product Design:

Mastery of Steel, Aluminium, laminated Timber, Polyester, Stainless Steel technology... put to their best uses singularly or in association, beginning with product design, for the best answer to the target technical and aesthetic needs as well as long-lasting use of the product in an outdoor public space...



Den Helder. Mixing Materials.



Mixing **Products** to serve Creation of Atmosphere:

A wide variety of product lines, each with a unique composition, to enable the most faithful expression possible of the atmospheres the design teams are looking for.

The scope of the palette opens up the creative field.

Mixity makes it possible:

- *Either to go for total coherence, keeping the same basic line from road lamp posts to pedestrian masts, from signposts to wall brackets.

- *Or to use established urban codes with breaks and alternating styles, textures and materials to express the rhythms specific to each particular place.

A more technical, "Industrial" scenographic composition for spaces which are free of hindrances, a more organic composition for living spaces, more rigid and managed for main roads, and alternating textures and materials along the line of a street, to show other viewpoints and break away from monotonous uniformity.



Mixing **Skills** to serve Development and Innovation:

At the human level, firstly, skills involving teams of Project Managers, Architects, Lighting Designers, Landscape Architects and Town Planners, with specialists in Design, Development, Materials and their finishes and Manufacturing procedures within Valmont itself...

And from the outside, with subcontractors and partners who bring to the edifice additional expertise such as founding, research into new materials, etc...

At the Cultural level, by connecting, within the Valmont DECO EMEA team, functions distributed from North Finland to South Morocco such as Designers, Engineers and Project Managers...



MASTERED
CONCEPTION...

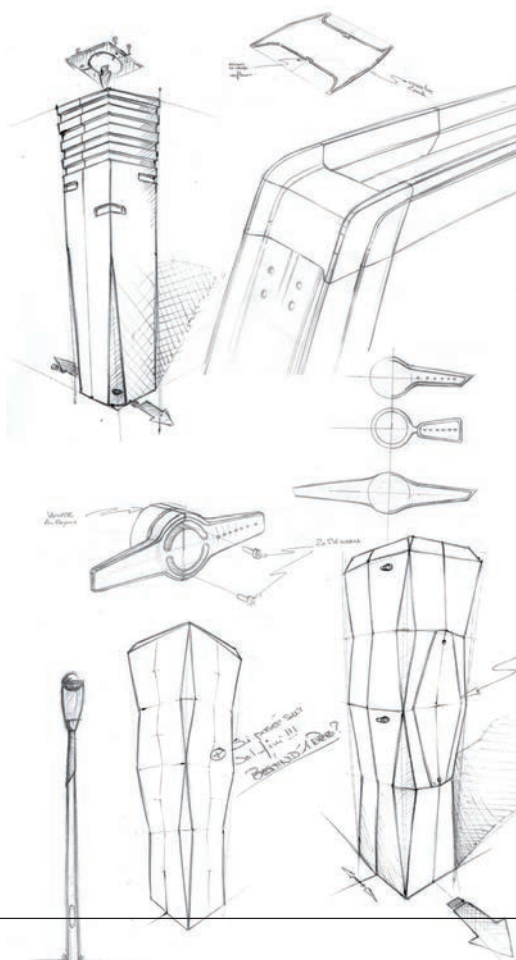
Today, Industrial Design plays a major role in the Creation of Urban Lighting Furniture.

It all starts on a blank sheet of paper, with a sketch of a concept which can be Industrially manufactured, bearing a symbol and a story but also a function.

This exercise is rarely improvised, the difficulty being to form coherent balances of shapes and materials, in answer to a function which uses the different materials to the best advantage of their technical and aesthetic qualities, and all at an economic cost which must be under control from the beginning of the project.

The Designer must also ensure that it is possible to Industrially produce this Furniture whilst respecting the criteria of Sustainable Development.

Where Design is concerned, Valmont initially collaborated with outside professionals. This led to an open-mindedness and a new vision.



Many of the Signature Collection Products, now in the catalogue, are the results of these efforts.

As well as these Partnerships, in 2006 Valmont took on two Industrial Designers to work alongside the Engineering Development service and with Production team, to ensure each product, project and industrial process would also be studied through the eye of the designer to preserve the meaning of the project...

These days, a Team of Multicultural Designers are available to listen to project managers to allow existing Collections to evolve and to co-create Unique Solutions each day.

This team accompanies you throughout the project by providing both an experienced ear to listen to your needs and a creative link between you and our technical teams, in an interactive approach...



Design [dizajn, desajn] n.m

"Design is a creative activity with the objective of determining the formal qualities of objects produced industrially. Formal quality corresponds not only to its external qualities but above all structural and functional relations which make the object a coherent unit."

Thomas Maldonado. ICSID.
www.icsid.org

Engineering

IMAGINING THE PRODUCT AS A COHERENT WHOLE...

From Creation to Production, each piece of lighting furniture is systematically developed and assessed in the light of aesthetic, technical, economic and environmental criteria.

Our engineering teams are dedicated to using the technology and expertise of the group which are best suited to the product:

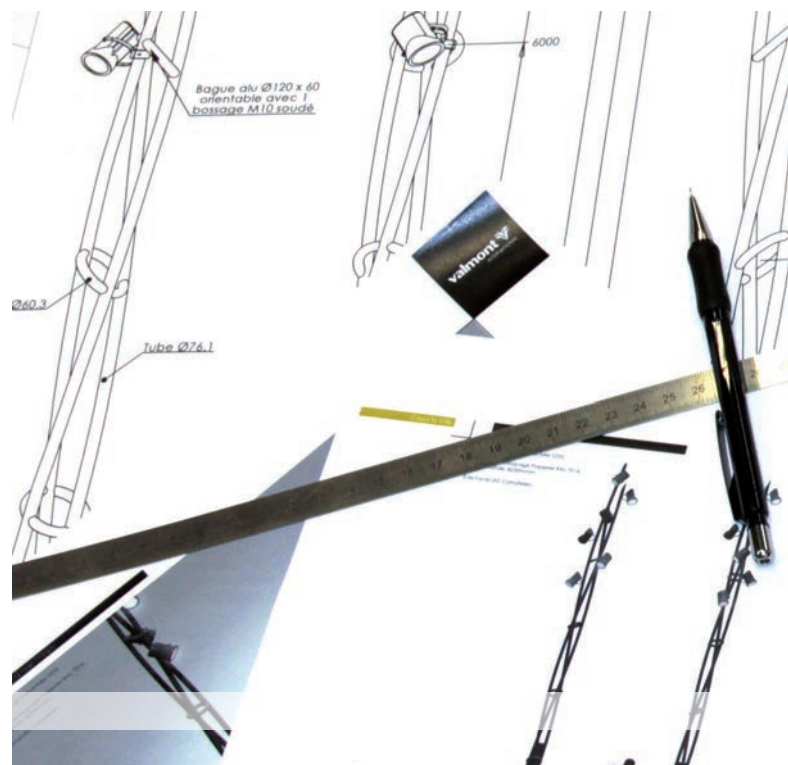
- *By respecting the designer's work.

- *By keeping the visual impact of technical constraints to a minimum.

- *By ensuring an impeccable finish and at the same time limiting environmental impact.

The systematic use of 3D at the industrial design stage makes it possible to visualise and validate each detail of the product. Linking it with the production tools ensures that the finished product is identical to the developed idea.

All Steel, Aluminium and Wood Structures are subject to weather conditions such as wind and are developed in conformity with current regulations.

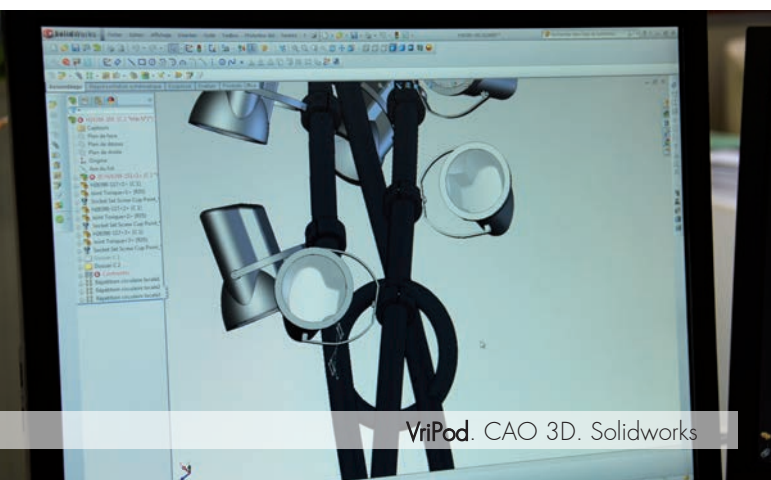


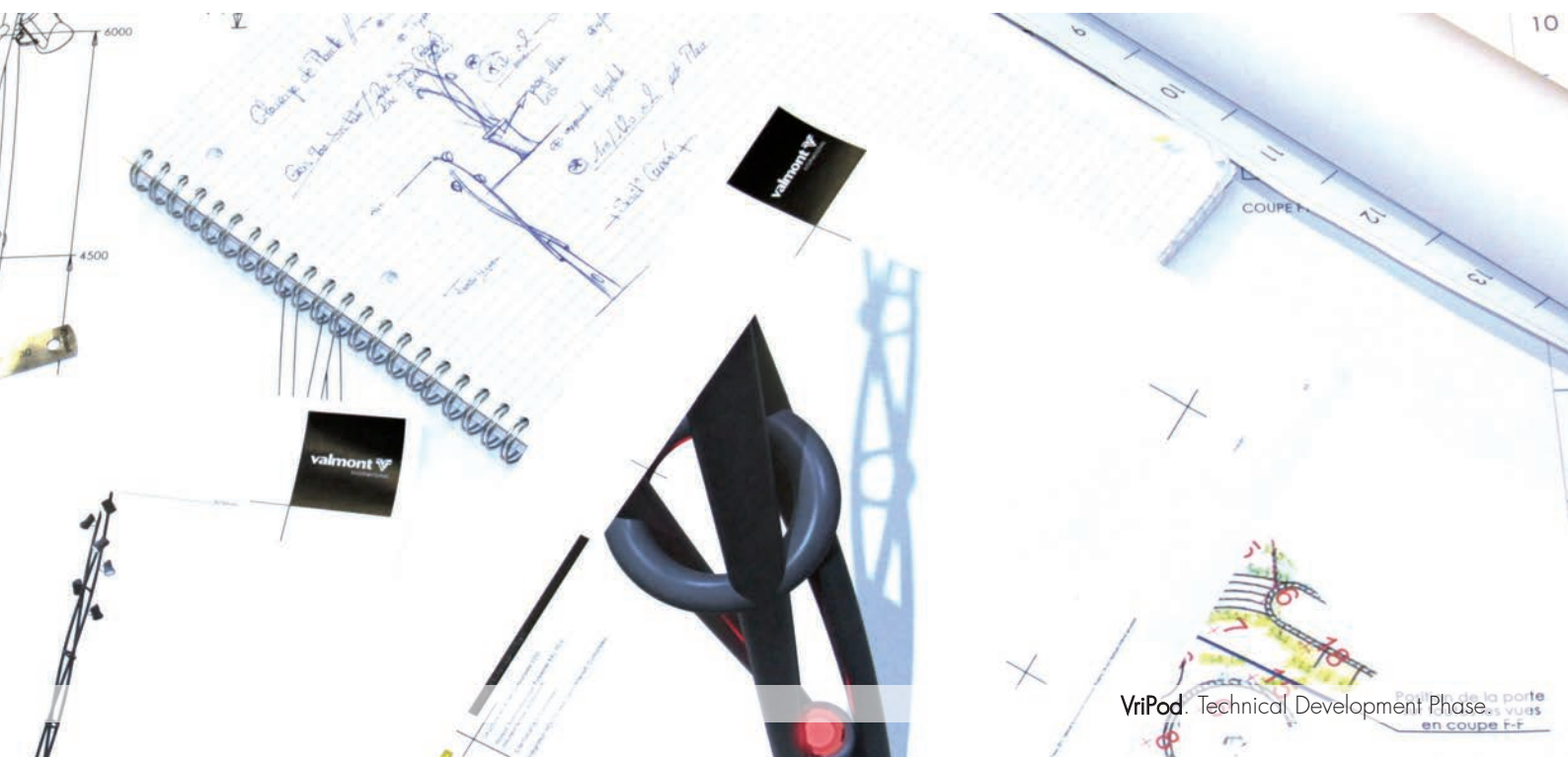
Our engineers participate in the drafting of the Prescriptive Frameworks drawn up in the context of a Mandate from the European Committee for Standardisation.

European Standard EN 40 and the CUAP are based on EUROCODES general data.

In the context of the European directive on building products, methods of dimensioning, designing and manufacturing are checked annually by a notified independent body appointed by a European Union member state.

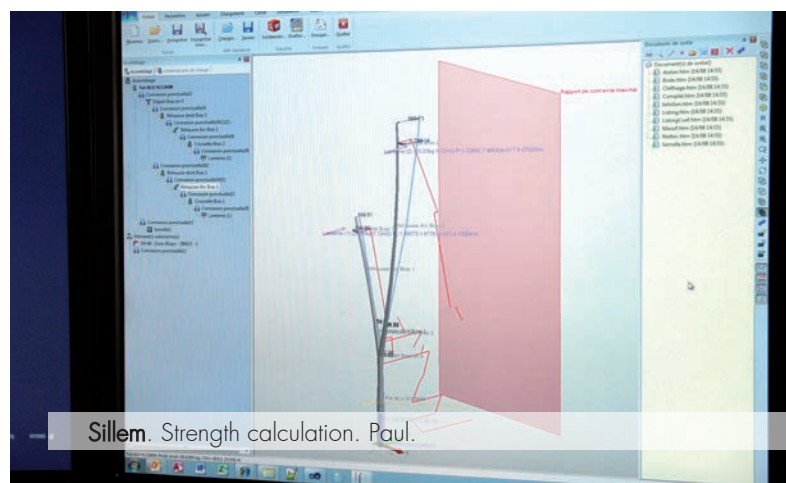
This accreditation makes it possible to display the CE Marking (Level 1). Only Wooden lamp posts are exempt from the marking obligation.





Having developed its own software, Valmont can calculate and guarantee the resistance of its Masts in respect of more than 20 International Standards and Regulations

Valmont also ensures that its production is in line with sustainable development by making its products lighter, using recyclable materials and favouring local manufacturing and logistics.



Industry

A PROCESS CONTROLLED BY TOOLS AND PEOPLE...

In order to provide our customers with exceptional, quality urban lighting furniture, delivered on time, our production flow has to be entirely under control.

A team from the Launch Research department first prepares all the manufacturing plans and ranges.

The production of our Lighting Furniture is generally carried out with the help of dedicated processes:

- * By Using flush Welding without any additional material "No Visible Weld" for Steel.

- * By spinning Aluminium tubes.

- * By planing glue-laminated beams for Wood.

- * By Assembling Mixed materials.

- * By Varnishing, powder coating and spectro-colouring for finishes.



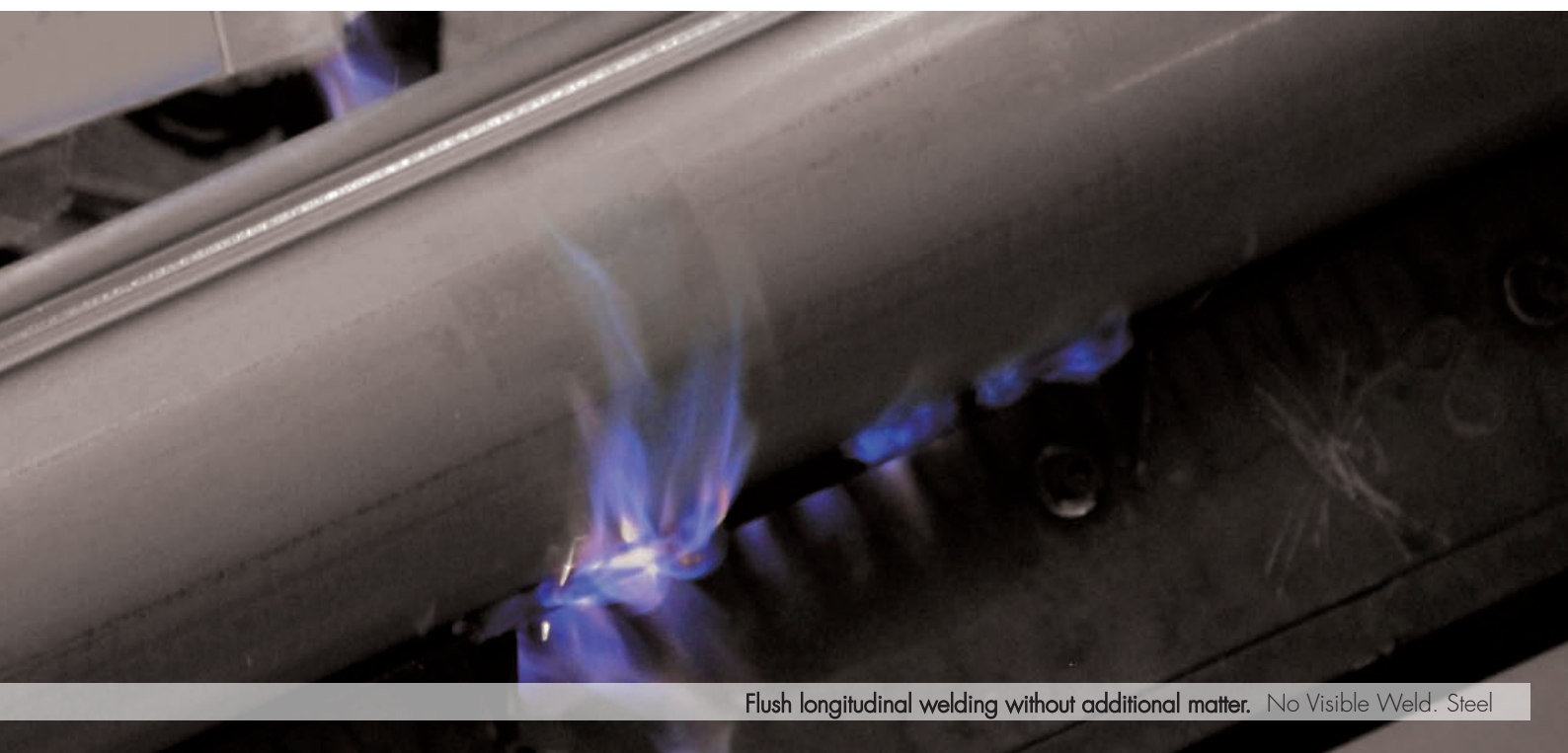
Particular care is given to packaging, packing and delivery by crane truck under the responsibility of our logistics department.



Planing Beam. Collection Bois



Spinning tube. Aluminium.

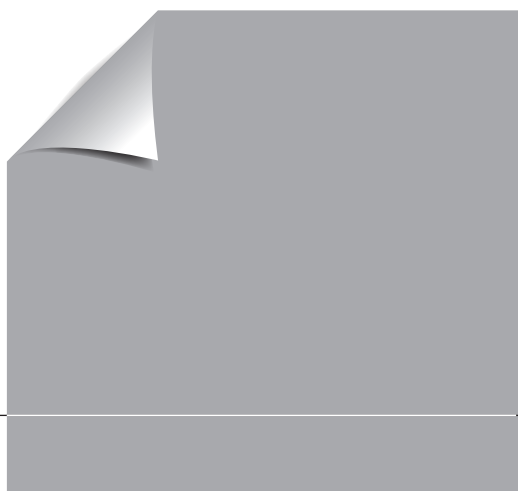


Flush longitudinal welding without additional matter. No Visible Weld. Steel

Throughout the process, our project managers follow their orders, making sure that the furniture is made perfectly and on time.

Our Lean Management methods allow us, in the context of continual improvement, to simplify all our jobs, to devote ourselves exclusively to functions that have meaning for the client and to continually improve our process.

Our metal products of course bear CE marking in respect of EN40 standards. Nevertheless, each day, we try to go beyond the regulations in selecting the quality of our materials, the precision of our geometries, the finish of our surfaces, etc.



The fabric of a city is made up of a multitude of different spaces, eras, geometries and atmospheres. These living places, not content with sitting side by side, may also from time to time become entangled. This is the complexity which makes up our towns and villages.

Thus the need to develop coherent street furniture, designed on this scale, to respond to this Mixing, becomes clearly apparent.

The ranges in the Signature Collection were developed with this in mind. They offer, each in a singular formal register, the greatest possible variety of products to suit the different-sized spaces and different technical needs.

The formal codes they are developed around are tools of expression which allow the design teams and the contractors to work on their project in detail and as much as possible in symbiosis with the spirit of the place...

SignatureCollection

Sillem

A STRONG ORGANIC IDENTIFICATION TO LINK THE UNDENIABLY URBAN NATURE OF PUBLIC SPACES AND THE PLANT WORLD...

Inspired by Nature and more particularly by trees, Sillem offers a modular design structured around:

$$\begin{array}{rcl} & & 3 \text{ Branches} \\ + & & 1 \text{ Knot} \\ + & & 1 \text{ Trunk} \\ \hline = & 15 \text{ standards Combinations} \end{array}$$

This modular construction makes it possible to optimise the product with regards to the geometric variations of the spaces to be developed, to choose the most appropriate shape to fit the exact needs of the location of each Lamp post, whilst maintaining continuity of line throughout the project.

Its organic forms help to soften the often too-rigid facades of buildings and make a link with the plant world.

100% Aluminium range, incorporating 30% Recycled Aluminium.

Branches and Trunk in 6060T5 Brushed Aluminium.
Knot in AlSi7Mg Aluminium alloy.

Anodised or Thermo Lacquered Polyester finishes.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0006.





Visual not contractual.

Sillem

| Sillem |

Description.

100% Aluminium range.

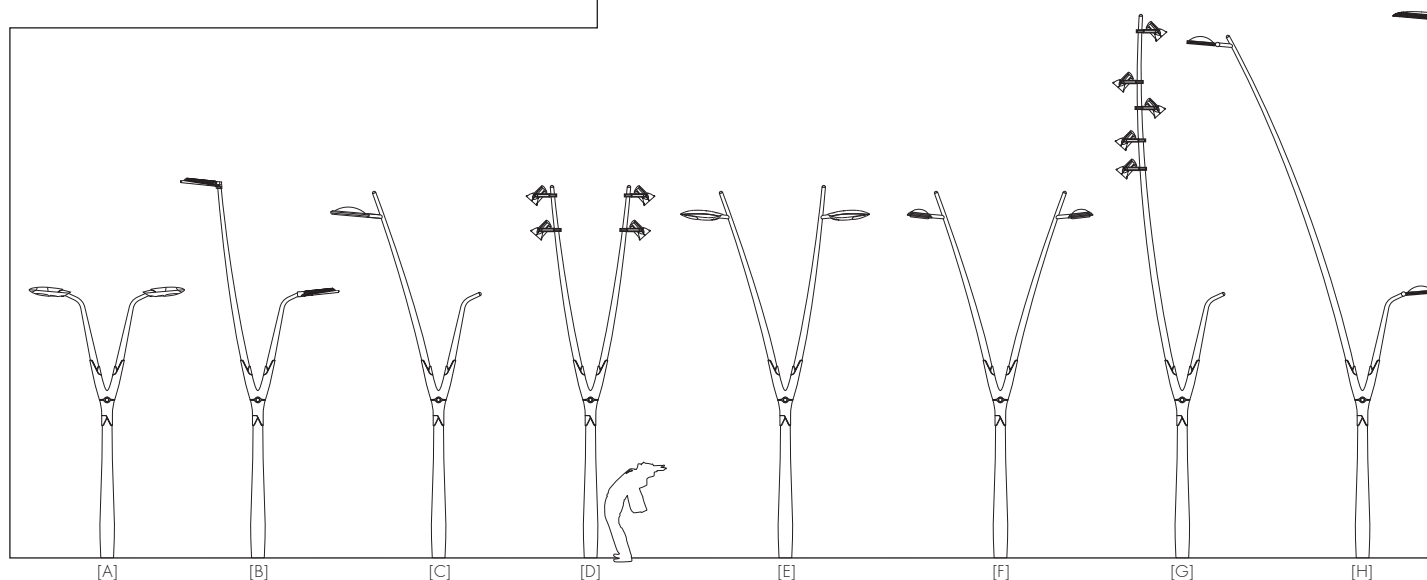
Height range: 4.6 to 9.5m.

Specifications.

Curved Branches spun Aluminium 6060T5.

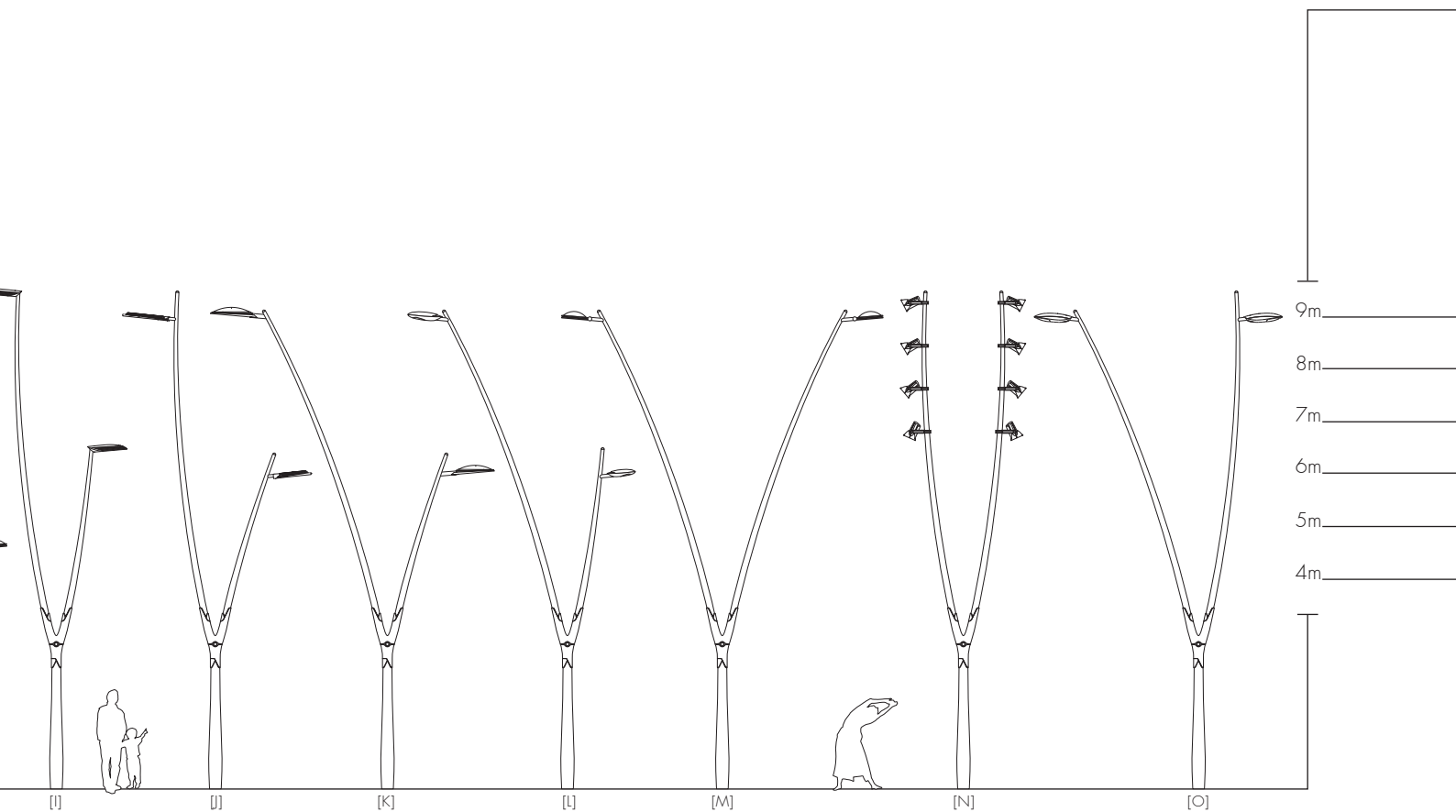
Knot in AlSi7Mg Aluminium alloy.

Bomba Trunk in spun Aluminium 6060T5.



Sillem T[bomba] + [K], Fameck, France





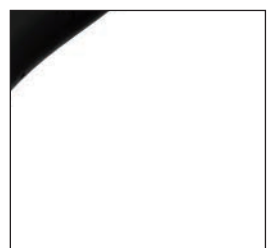
| Sillem |

Description.

100% Aluminium range.
Height range : 4.6 to 9.5m.
T[bomba] + [B]

Spécifications.

Curved Branches spun Aluminium 6060T5.
Knot in AlSi7Mg Aluminium alloy.
Bomba Trunk in spun Aluminium 6060T5.



Sillem

| Sillem Troncs |

Description.

T[bomba] spun Aluminium 6060T5.

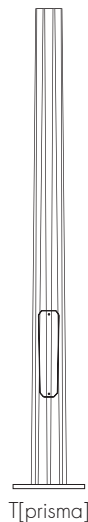
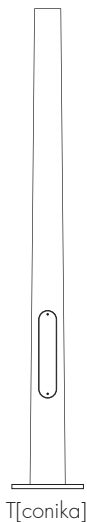
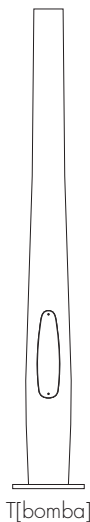
T[conika] Steel HLE round-conical.

T[prisma] Steel HLE prismatique

Combinations.

In order to list your model, specify the Trunk and the Branche combination chosen

ex : T[bomba] + [B]













Sillem T[bomba] + [C]. Fameck. France



Sillem T[conika] + [H]. Chevigny St Sauveur. France.



Sillem Dimensions

										
Sillem	Height (m)	Outreach (m)	Top (mm)	Base (mm)	Space for coupling (mm)			Flange (mm)		
					Height	Width	Distance	Internal dimension	Bolt spacing	Width
A	4.6	0.7	60	220	500	125	500	170 x 125	300	400
B	6.5/4.6	0.7/0.7	60	220	500	125	500	170 x 125	300	400
C	6.5/4.6	1.1/0.7	60	220	500	125	500	170 x 125	300	400
D	6.5	0.7	60	220	500	125	500	170 x 125	300	400
E	6.4/6.5	1.1/0.7	60	220	500	125	500	170 x 125	300	400
F	6.4	1.1	60	220	500	125	500	170 x 125	300	400
G	9.5/4.6	0.8/0.7	60	220	500	125	500	170 x 125	300	400
H	9.2/4.6	2.4/0.7	60	220	500	125	500	170 x 125	300	400
I	9.5/6.5	0.8/0.7	60	220	500	125	500	170 x 125	300	400
J	9.5/6.4	0.8/1.1	60	220	500	125	500	170 x 125	300	400
K	9.2/6.4	2.4/1.1	60	220	500	125	500	170 x 125	300	400
L	9.2/6.5	2.4/1.1	60	220	500	125	500	170 x 125	300	400
M	9.2/9.2	2.4/2.4	60	220	500	125	500	170 x 125	300	400
N	9.5/9.5	0.8/0.8	60	220	500	125	500	170 x 125	300	400
O	9.2/9.5	2.4/0.8	60	220	500	125	500	170 x 125	300	400

Options :

Luminous spike O'light².
Eye iLED.

Sillem, dimensions given for configurations with 100% Aluminium Bomba Trunk.

Dimensions and technical information are indicative.

Valmont reserves the right to modify, immediately and without notice, any technical or aesthetic specifications it deems necessary to improve Signature Collection products.

Valmont/Comatelec Partnership.

Idyline

LIKE A PLANT STEM OR A BLADE OF GRASS...

An exclusive concept for designing specific solutions from standard elements...

9 Elements Σ 489 Combinations

This modular system with its flowing lines allows it to adjust precisely to the needs of the site.

Playing simply with the arrangement on the site to achieve the desired effect, its elegant and flowing lines can lightly create or loosen the structure of the space, to transcribe in a stylised manner the random aspect of nature in towns.

100% Aluminium range, incorporating 30% Recycled Aluminium.

Elements in 6060T5 & T6 Brushed Aluminium.
Interfaces pieces in AlSi7Mg Aluminium alloy.

Anodised or Powder coated finishes.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0006.





Idyline

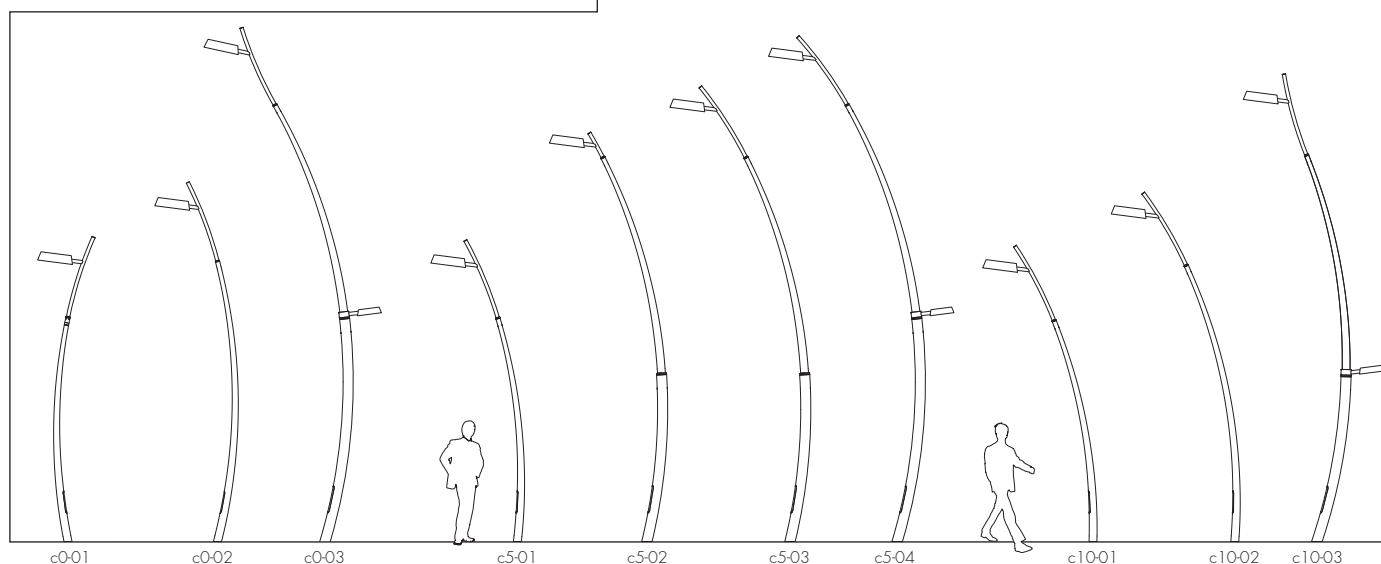
| Idyline |

Description.

100% Aluminium range.
Height range : 5 à 9m.

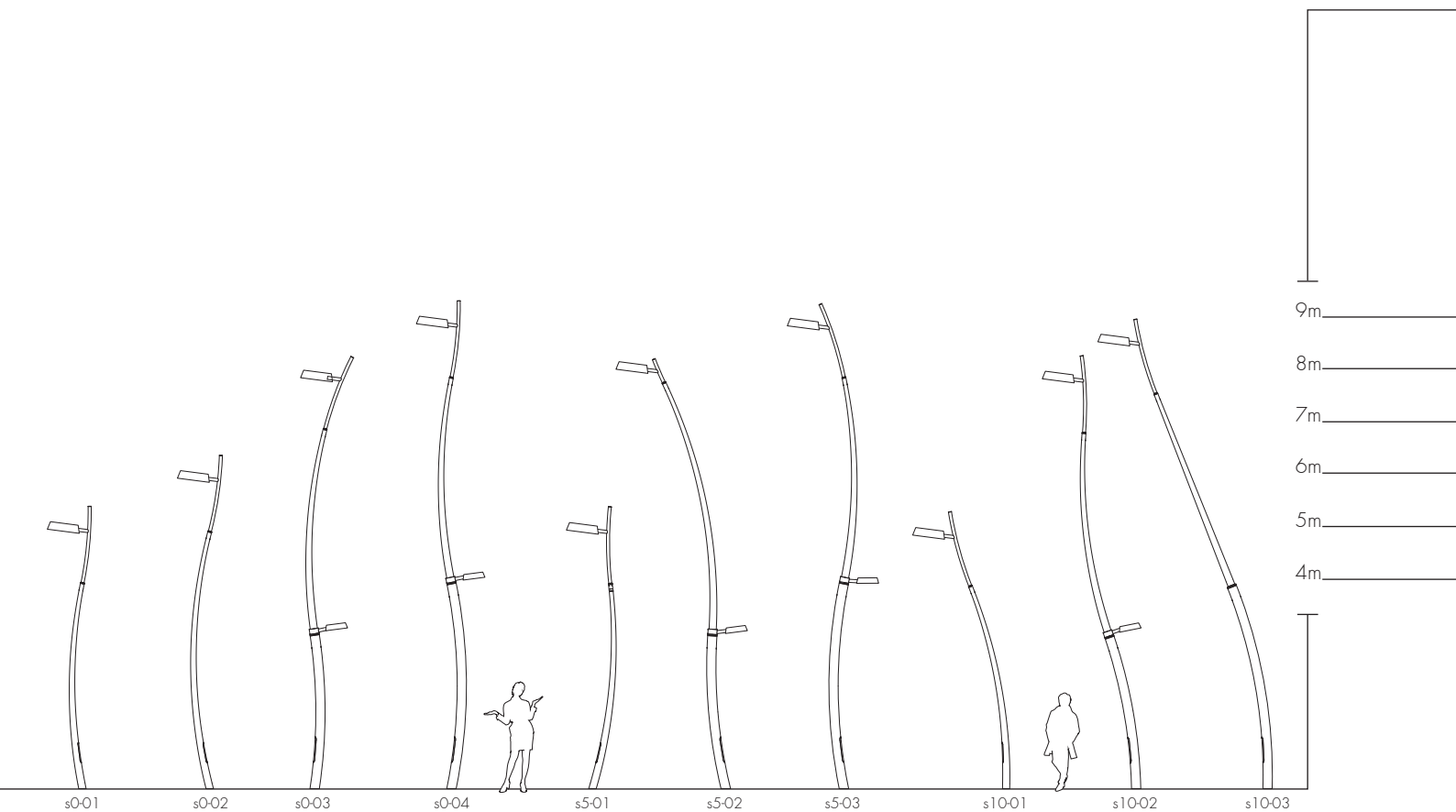
Specifications.

Curved elements Aluminium 6060T5 & T6.
Interfaces AlSi7Mg Aluminium alloy.
Base tilted element : 0°, 5° ou 10°.



Idyline c0-03. St Georges de Didonne. France





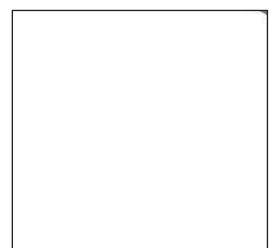
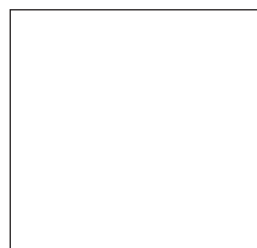
| Idyline Curve |

Description.

100% Aluminium range.
Height range : 5 to 9m.

Specifications.

Curved elements Aluminium 6060T5 & T6.
Interfaces AlSi7Mg Aluminium alloy.
Base tilted element : 0°, 5° ou 10°.



Idyline

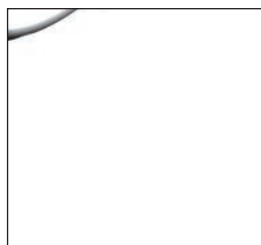
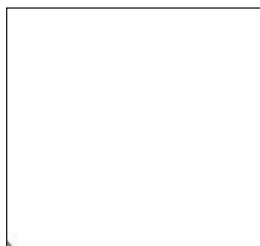
| Idyline Sigma |

Descriptions.

100% Aluminium range.
Height range : 5 to 9m.

Specifications.

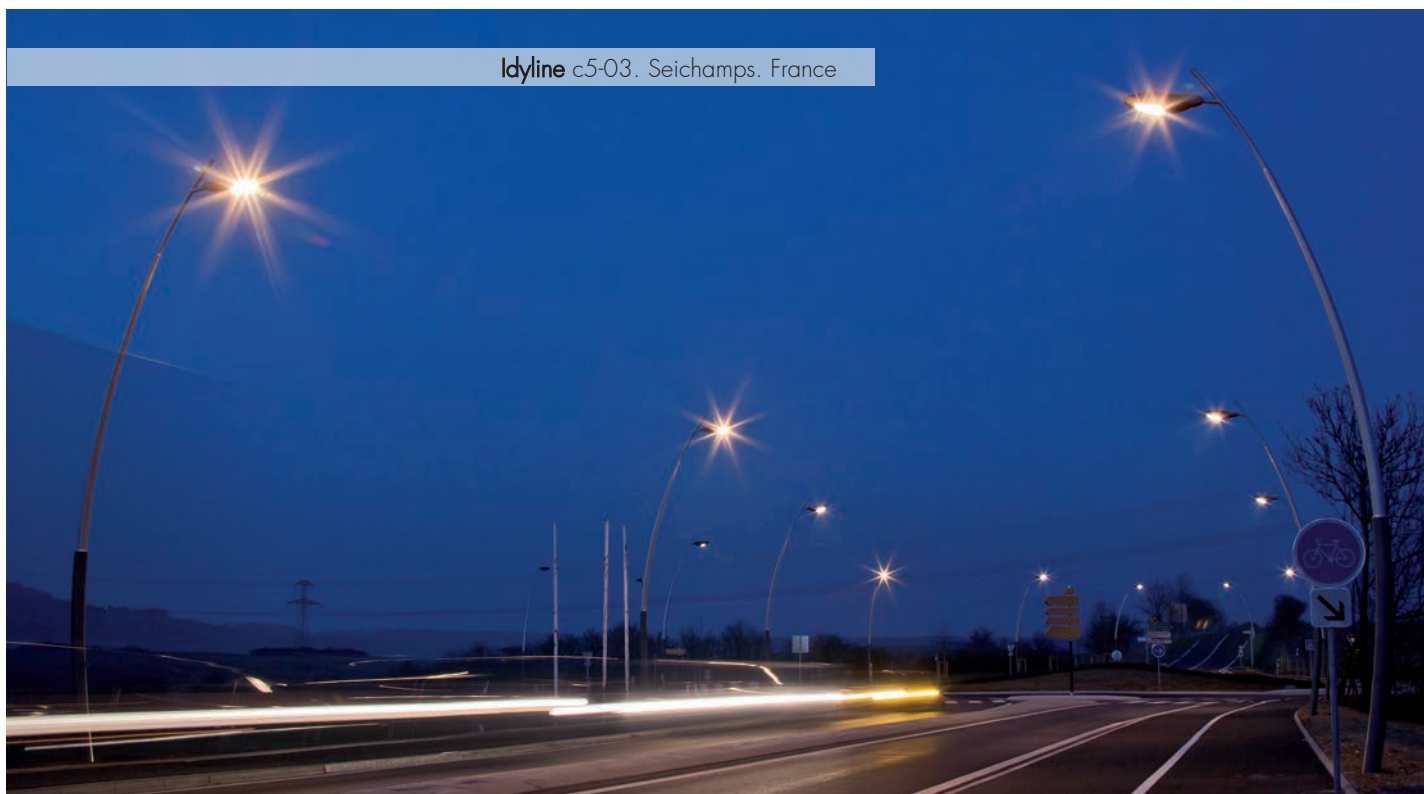
Curved elements Aluminium 6060T5 & T6.
Interfaces AlSi7Mg Aluminium alloy.
Base tilted element : 0°, 5° ou 10°.



Idyline s10-01/ s5-02. Carquefou. France



ldyline c5-03. Seichamps. France



Idyline Dimensions

ldyline	Height (m)	Outreach (m)	Top (mm)	Base (mm)	Space for coupling (mm)			Flange (mm)		
					Height	Width	Distance	Internal dimension	Bolt spacing	Width
c0-01	5	0	60	140	400	75	500	70x75	200	270
c0-02	6	0.5	60	140	400	75	500	70x75	200	270
c0-03	8.5	2.3	60	180	500	100	500	110x100	300	400
c5-01	5	0.9	60	140	400	75	500	70x75	200	270
c5-02	7	1.1	60	180	500	100	500	110x100	300	400
c5-03	7.8	1.5	60	180	500	100	500	110x100	300	400
c5-04	8.6	1.6	60	180	500	100	500	110x100	300	400
c10-01	4.8	1.4	60	140	400	75	500	70x75	200	270
c10-02	5.8	1.6	60	140	400	75	500	70x75	200	270
c10-03	7.8	0.7	60	180	500	100	500	110x100	300	400
s0-01	5	0	60	140	400	75	500	70x75	200	270
s0-02	6	0	60	140	400	75	500	70x75	200	270
s0-03	8	0	60	180	500	100	500	110x100	300	400
s0-04	9	0	60	180	500	100	500	110x100	300	400
s5-01	5	0	60	140	400	75	500	70x75	200	270
s5-02	7.8	1.4	60	180	500	100	500	110x100	300	400
s5-03	9	1.3	60	180	500	100	500	110x100	300	400
s10-01	5	1.2	60	140	400	75	500	70x75	200	270
s10-02	8	1.2	60	180	500	100	500	110x100	300	400
s10-03	8.6	2.7	60	180	500	100	500	110x100	300	400

Dimensions and technical information are indicative.
Valmont reserves the right to modify, immediately and without notice, any technical or aesthetic specifications it deems necessary to improve Signature Collection products.

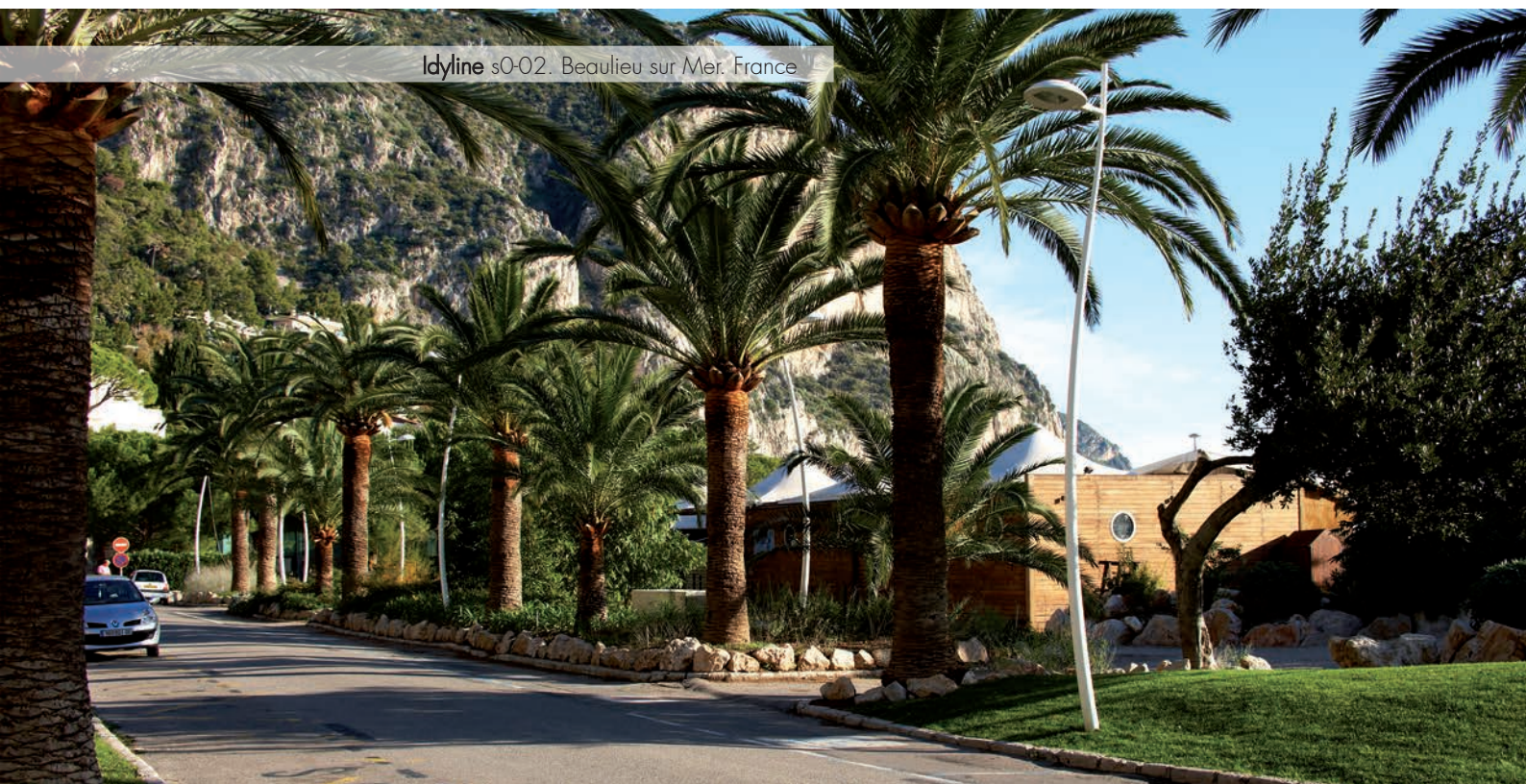
Idyline

Idyline s0-04. Saint Vallier. France



Idyline c0-03. Poitiers. France





Idyline s0-02. Beaulieu sur Mer. France



Idyline c0-01 / c5-03. Cergy-Pontoise. France

Ago

WHEN TRANSPARENCY BECOMES MODULAR...

Like the "Eye of a needle", a visual metaphor which transposes the couturier's tool into "Prêt-à-Porter Lighting" furniture.

This integrated mechanism, virtually transparent to the eye, lengthens and lightens the lamp post's silhouette. Thus, whilst preserving the elegant vocabulary borrowed from haute couture, this ingenious system is used to clothe the given spaces more aptly in light.

This increment is achieved with the help of indexing performed by two Aluminium Alloy half-cores which maintain the position every 5°, from 0° to 15°.

100% Mixed furniture, can be installed on all types of 60mm mast tops. (Steel, Aluminium, Wood...)

Arm brushed Aluminium 6060T6.
Eye in AlSi7Mg Aluminium alloy.
Half-cores in AlSi7Mg Aluminium alloy.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0006.





Visual not contractual.

Ago

| Ago Divago |

Description.

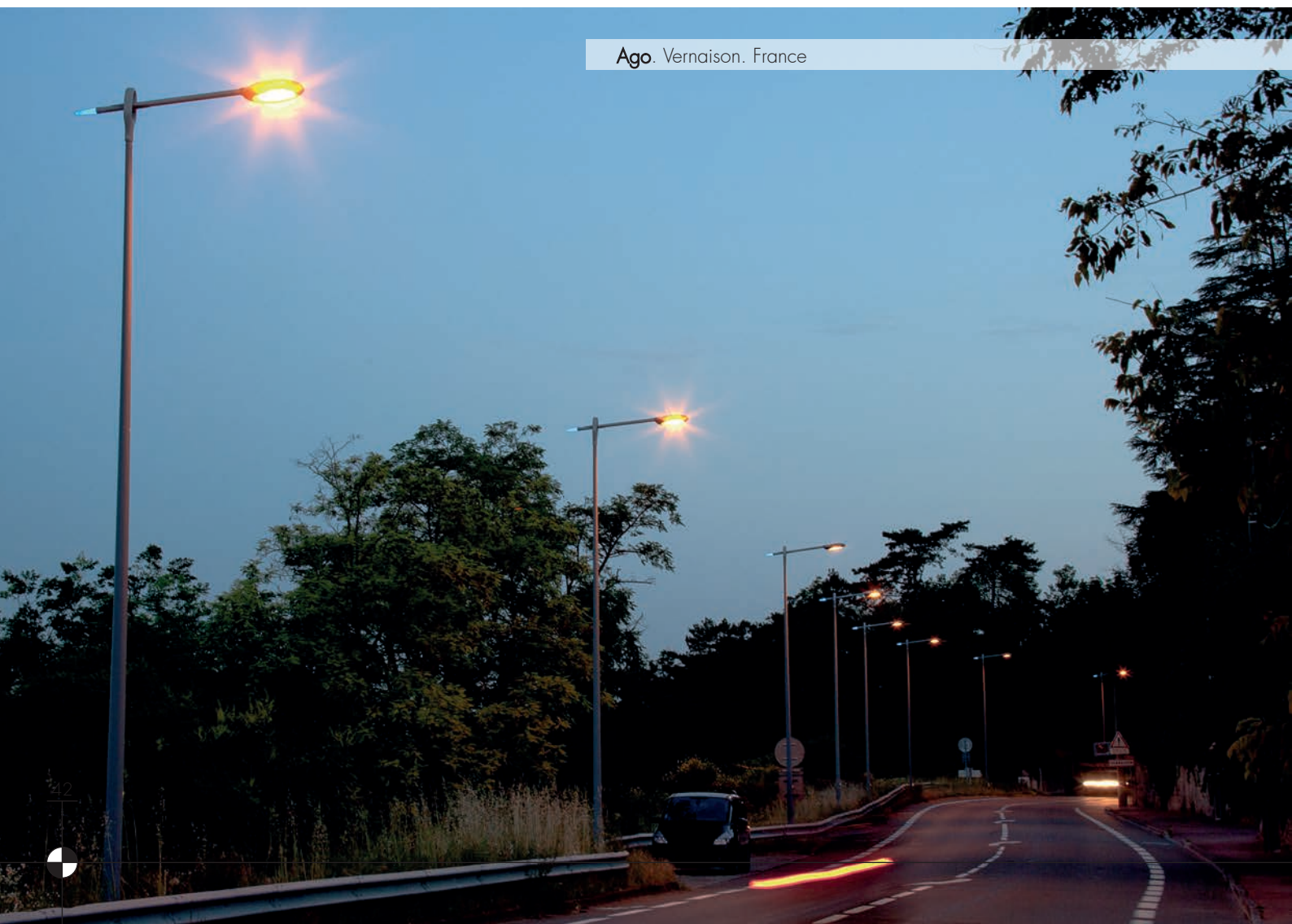
100% Aluminium range.
Height range : 4 to 6m.
Outreach 0.8 & 1.2m.

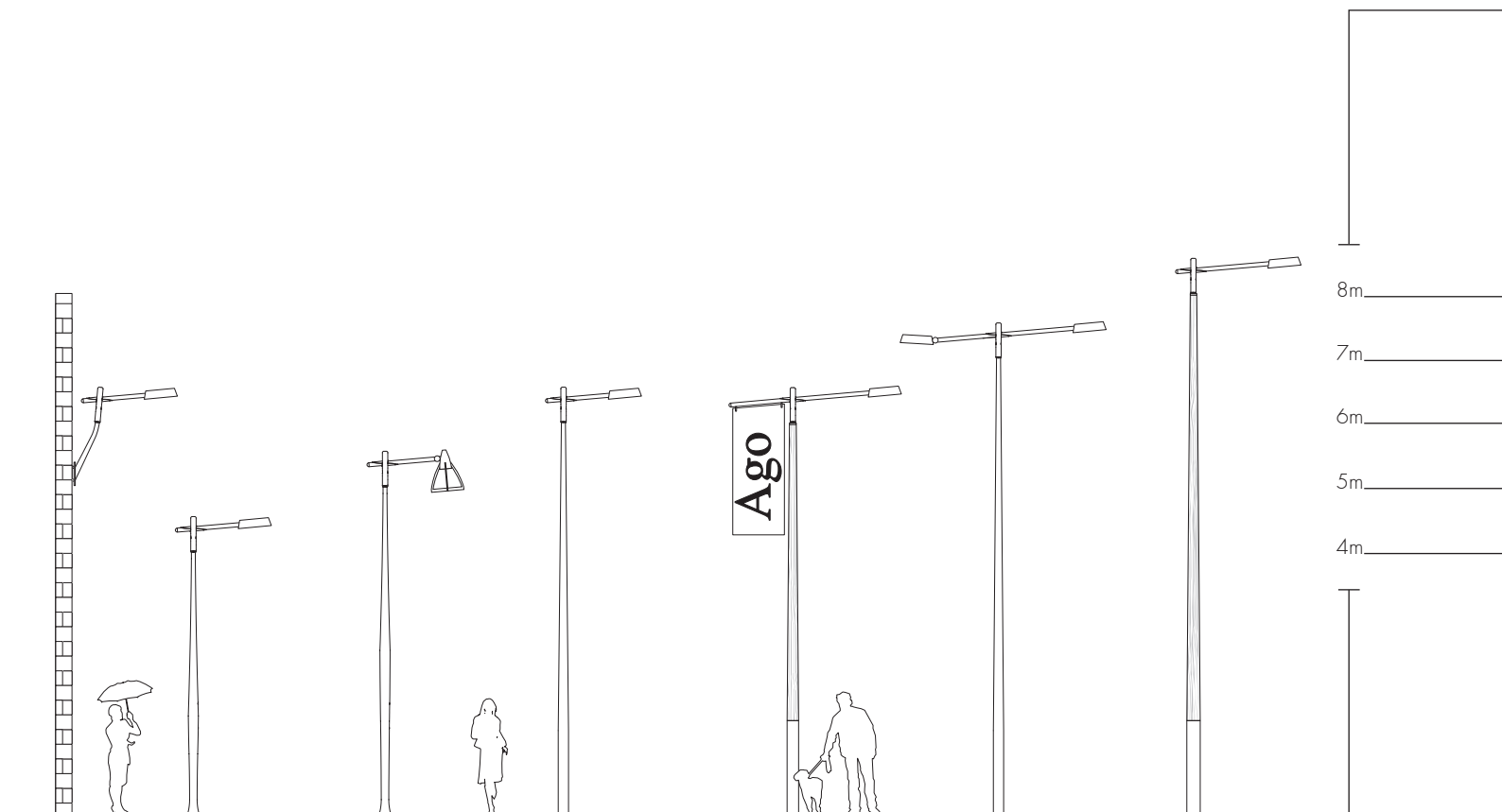
Specifications.

Arm brushed Aluminium 6060T6.
Ago in AlSi7Mg Aluminium alloy.
Divago spun Aluminium 6060T5.



Ago. Vernaison. France





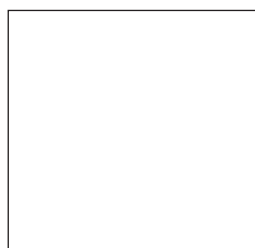
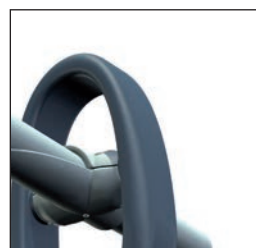
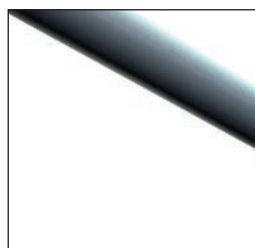
| Ago Aluminium |

Description.

100% Aluminium range.
Height range : 6 to 10m.
Outreach 0.8 & 1.2m.

Specifications.

Arm brushed Aluminium 6060T6.
Ago in AlSi7Mg Aluminium alloy.
Round-conical spun Aluminium 6060T5.



Ago

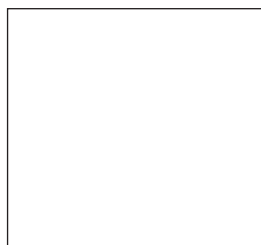
| Ago Wood |

Description.

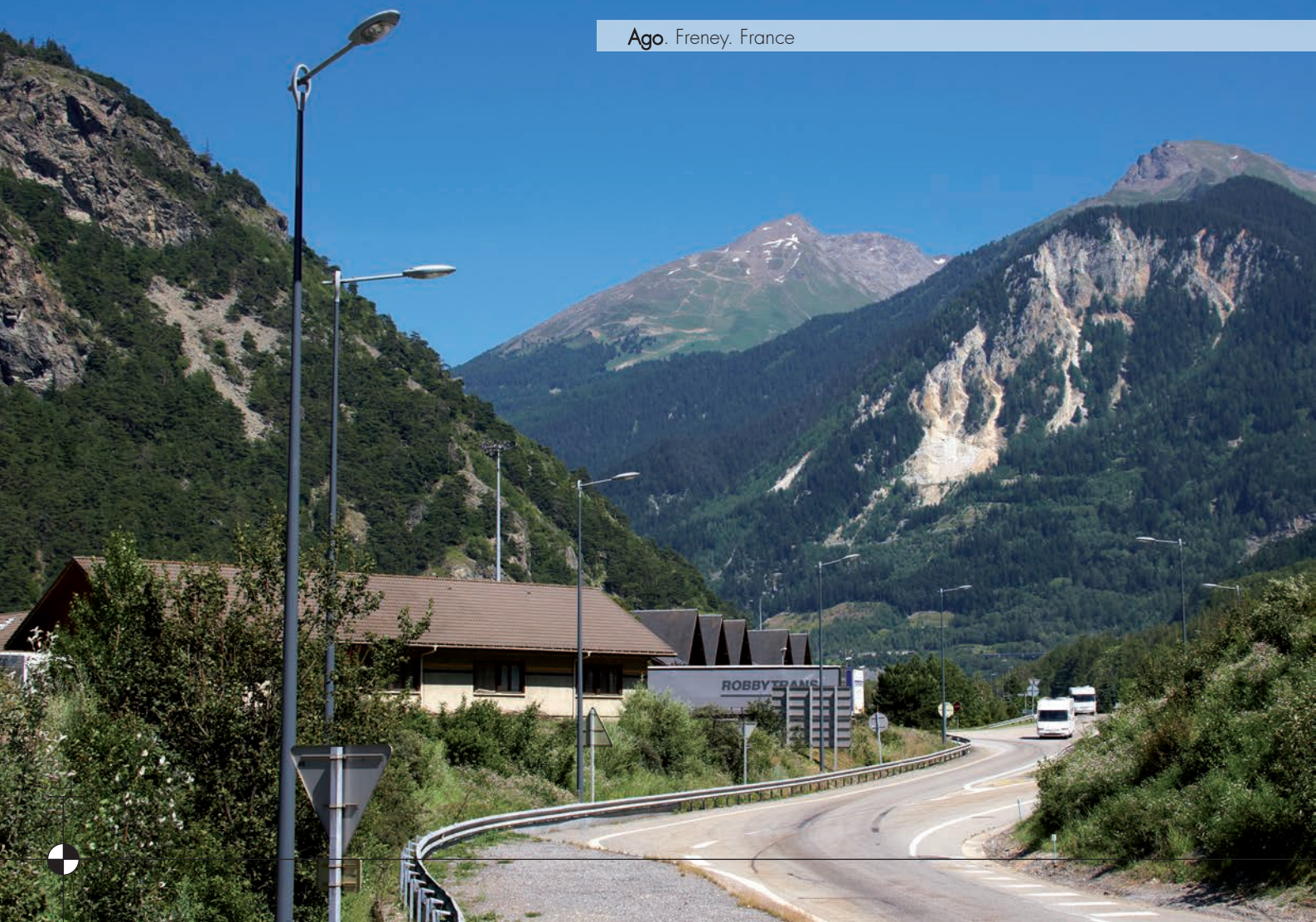
100% Mixed range.
Height range : 6 to 8m.
Outreach 0.8 & 1.2m.

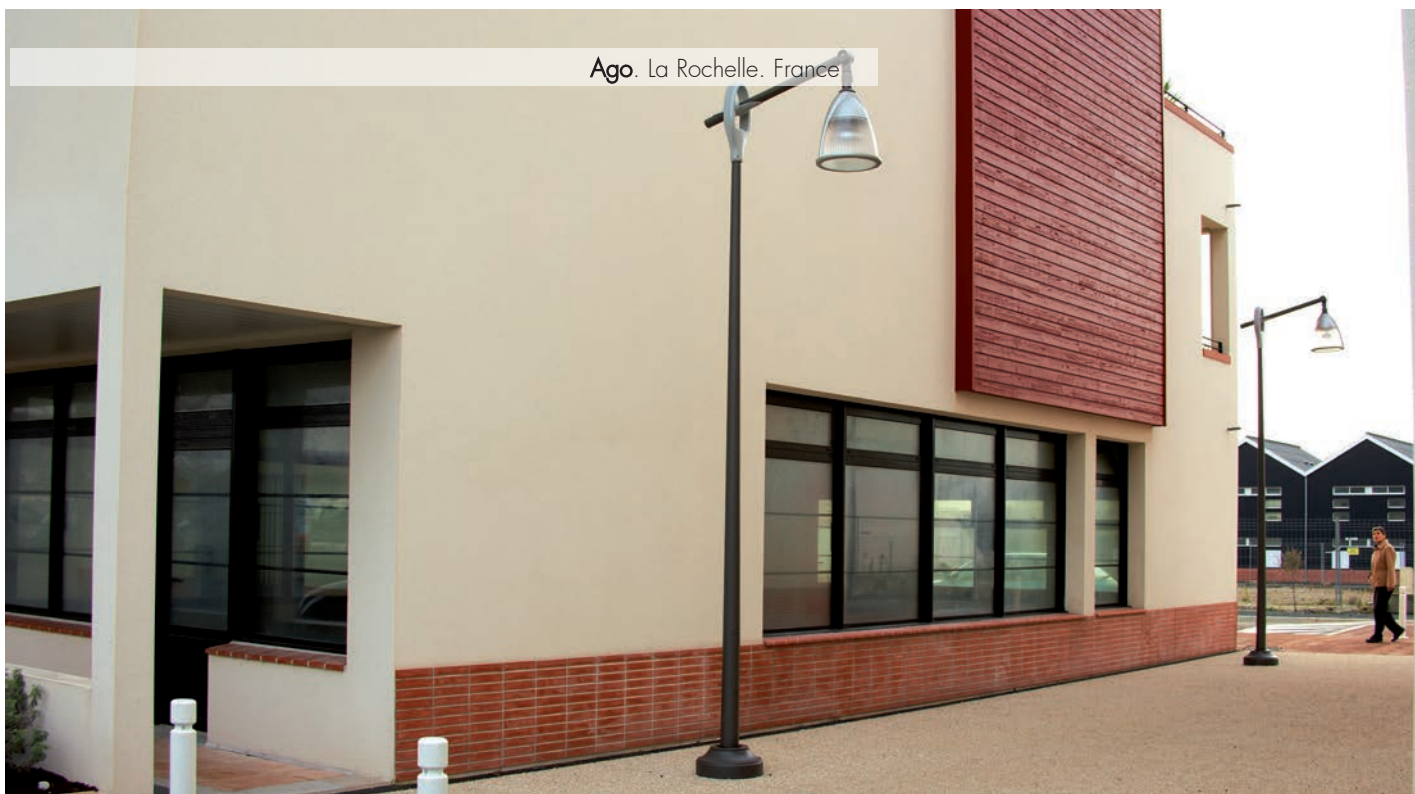
Specifications.

Arm brushed Aluminium 6060T6.
Ago in AlSi7Mg Aluminium alloy.
Round-conical Wood Glulam GL28h, PEFC.



Ago. Freney. France





Ago. La Rochelle. France

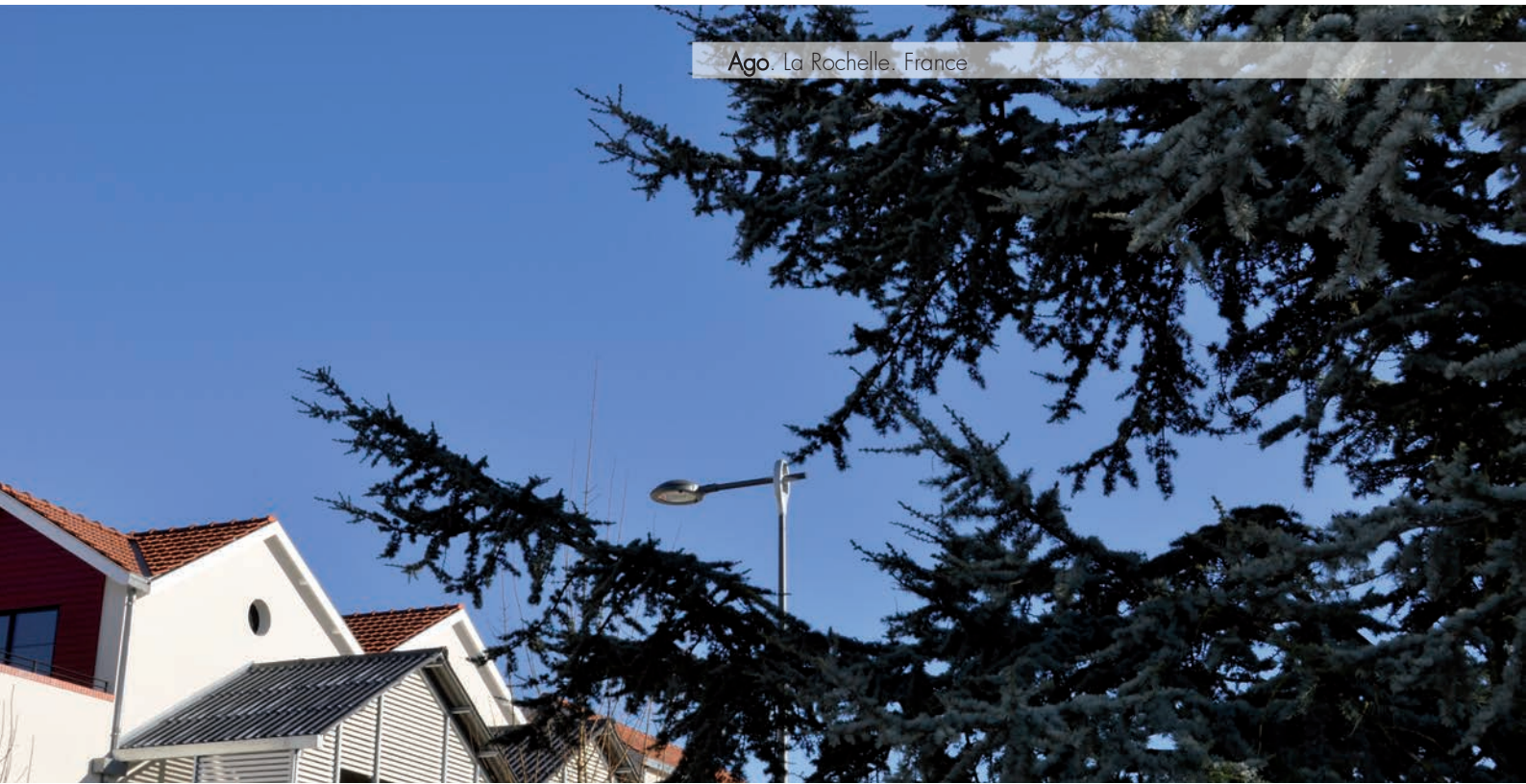
Ago Dimensions

	Shaft height (m)	Top (mm)	Base (mm)	Height Base (mm)	Space for coupling (mm)			Flange (mm)		Embedding (mm)		
					Height	Width	Distance	Internal dimensions	Bolt spacing	Width	Concrete	Ground
Divago	4	60	165	-	400	75	1300	90x75	200	270	600	800
	5	60	165	-	400	75	1300	90x75	200	270	600	800
	6	60	165	-	400	75	1300	90x75	200	270	800	1000
Alumi- nium	6	60	150	-	500	95	500	77x95	300	418	800	1000
	7	60	150	-	500	95	500	77x95	300	418	1000	1200
	8	60	150	-	500	95	500	77x95	300	418	1000	1200
	9	60	165	-	500	100	500	94x100	300	400	1200	1500
	10	60	165	-	500	100	500	94x100	300	400	1200	1500
Wood	6	100	168	1400	400	85	500	115x85	200	270	800	1000
	7	100	193	1400	400	85	500	130x85	300	400	1000	1200
	8	100	193	1400	400	85	500	130x85	300	400	1000	1200

Lighting height = Shaft height + 0.25m. $t = 0^\circ$.
 Lighting height = Shaft height + 0.35m. $t = 5^\circ$.
 Lighting height = Shaft height + 0.45m. $t = 10^\circ$.
 Lighting height = Shaft height + 0.55m. $t = 15^\circ$.

Dimensions and technical information are indicative.
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Ago. La Rochelle. France



Ago. Vernaison. France



Ago. Aouste sur Sye. France



Ago. Chassignol. France



Ceedji

A MOST REMARKABLE TIMELESSNESS...

A game of voids and solids which refines the design of this bracket while giving it contours and presence.

A timeless, ethereal shape whose simplicity makes it fit seamlessly into the spirit of any place. Introducing these lamp posts fully contributing to the elegance of the development.

Laid out along the roadside, this furniture will lightly frame the spaces, giving viewpoints whose focus can be reinforced by a bilateral or staggered overall layout.

100% Mixed furniture, can be installed on all types of 60mm mast tops. (Steel, Aluminium, Wood...)

Bracket in AlSi7Mg Aluminium alloy.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0006.





Visual not contractual.

Ceedji

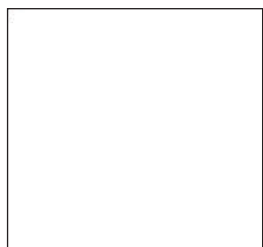
| Ceedji Steel |

Description.

100% Mixed range.
Height range : 6 to 10m.
Outreach 0.8 & 1.2m.

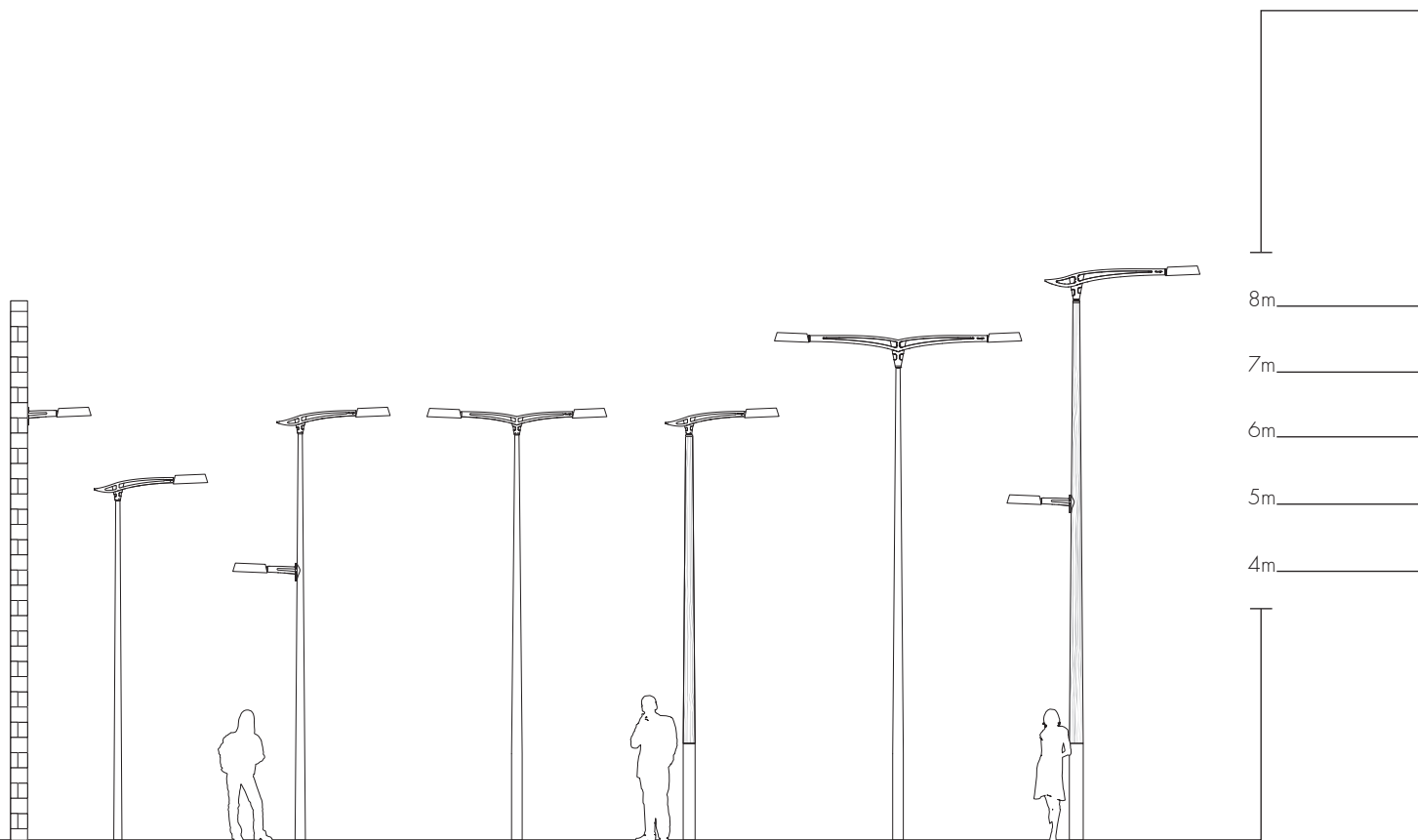
Specifications.

Ceedji in AlSi7Mg Aluminium alloy.
Round-conical Steel HLE with No Visible Weld.



Ceedji. Fontaine le Comte. France





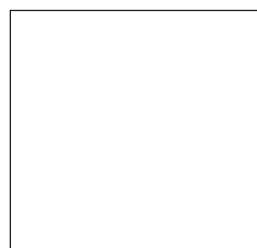
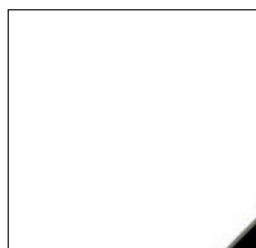
| Ceedji Aluminium |

Description.

100% Aluminium range.
Height range : 6 to 10m.
Outreach 0.8 & 1.2m.

Specifications.

Ceedji in AlSi7Mg Aluminium alloy.
Round-conical spun Aluminium 6060T5.



Ceedji

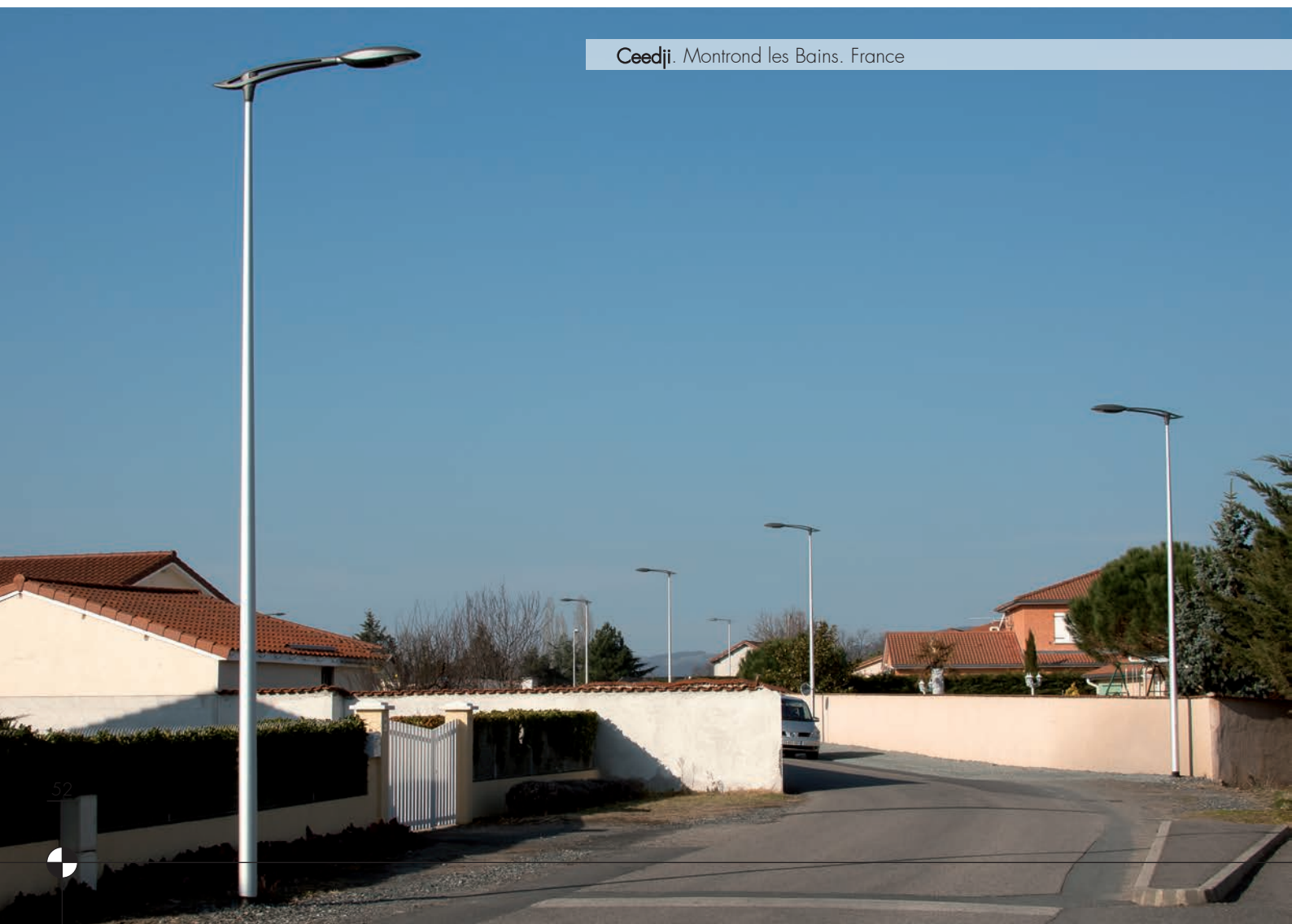
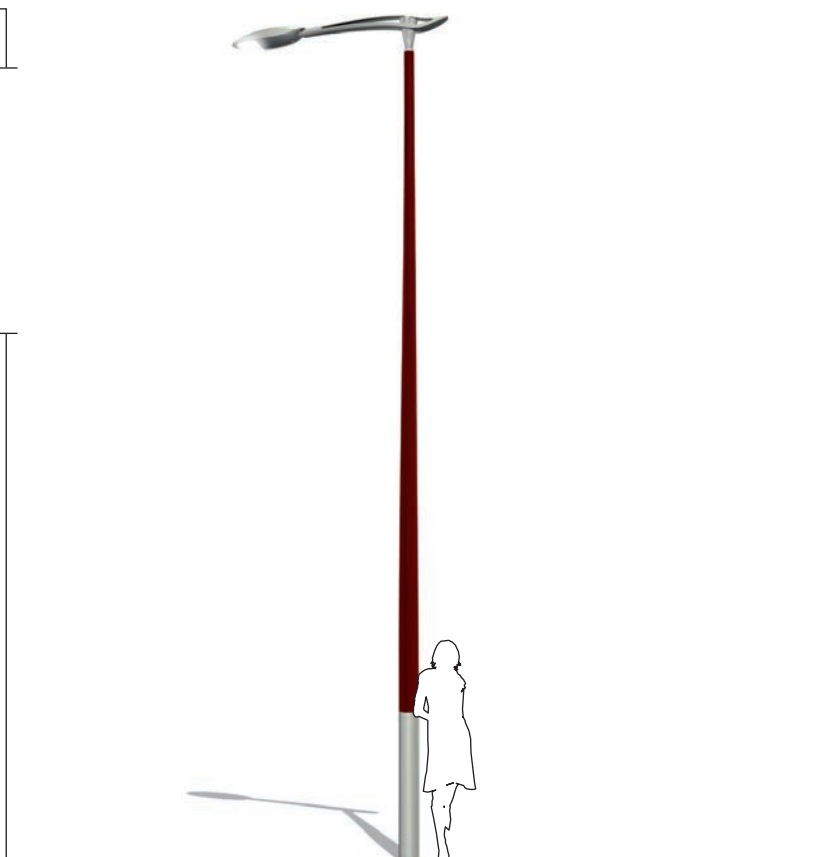
| Ceedji Wood |

Description.

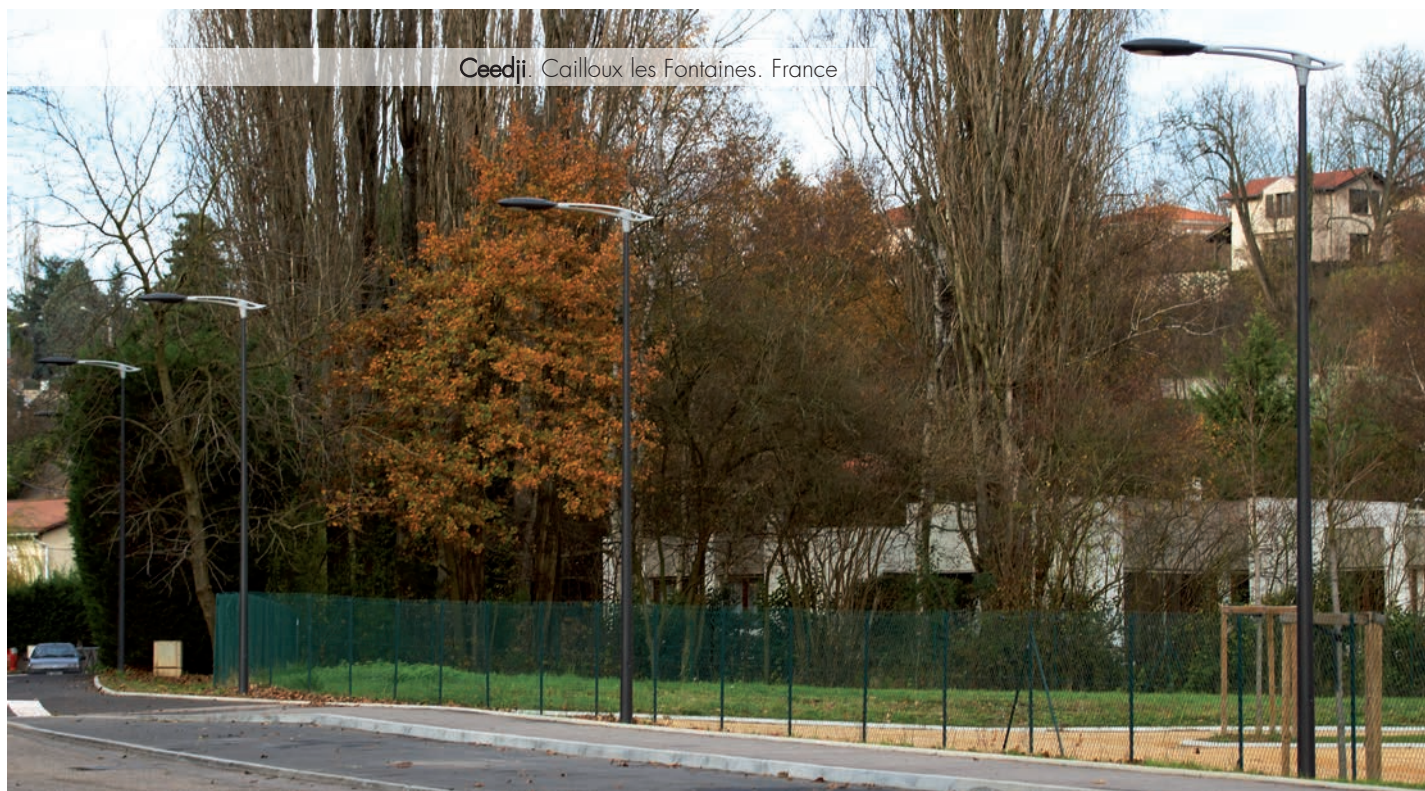
100% Mixed range.
Height range : 6 to 8m.
Outreach 0.8 & 1.2m.

Specifications.

Ceedji in AlSi7Mg Aluminium alloy.
Round-conical Wood Glulam GL28h, PEFC.



Ceedji. Montrond les Bains. France



Ceedji. Cailloux les Fontaines. France

Ceedji Dimensions

	Shaft height (m)	Top (mm)	Base (mm)	Height Base (mm)	Space for coupling (mm)			Flange (mm)		Embedding (mm)		
					Height	Width	Distance	Internal dimensions	Bolt spacing	Width	Concrete	Ground
Steel	6	60	150	-	400	75	500	91x70	200	271	800	1000
	7	60	167	-	500	85	500	101x85	300	412	1000	1200
	8	60	183	-	500	85	500	119x85	300	412	1000	1200
	9	60	202	-	500	90	500	135x90	300	412	1200	1500
	10	60	215	-	500	90	500	139x90	300	412	1200	1500
Alumi- nium	6	60	150	-	500	95	500	77x95	300	418	800	1000
	7	60	150	-	500	95	500	77x95	300	418	1000	1200
	8	60	150	-	500	95	500	77x95	300	418	1000	1200
	9	60	165	-	500	100	500	94x100	300	400	1200	1500
	10	60	165	-	500	100	500	94x100	300	400	1200	1500
Wood	6	100	168	1400	400	85	500	115x85	200	270	800	1000
	7	100	193	1400	400	85	500	130x85	300	400	1000	1200
	8	100	193	1400	400	85	500	130x85	300	400	1000	1200

Lighting height = Shaft height + 0.20m. L= 0.8m.

Lighting height = Shaft height + 0.40m. L= 1.2m.

Dimensions and technical information are indicative.

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Linéa

WHEN A LINE BECOMES FUNCTIONAL...

This bracket has been designed to simultaneously fulfil two different functions :

- *Light.
- *Communicate.

Its simple, open-work line allows it to both carry the light flow needed to light the street and simultaneously support a banner without adding any accessories (rings, arms, etc.).

This unique design simplifies the hanging of banners linked to the moment's events, while making the column easier to interpret at times when there is no particular communication need.

Thus the layout of the spaces is streamlined, with no unused accessories.

100% Aluminium range, incorporating 30% Recycled Aluminium.

Bracket in AlSi7Mg Aluminium alloy.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0006.





Linéa

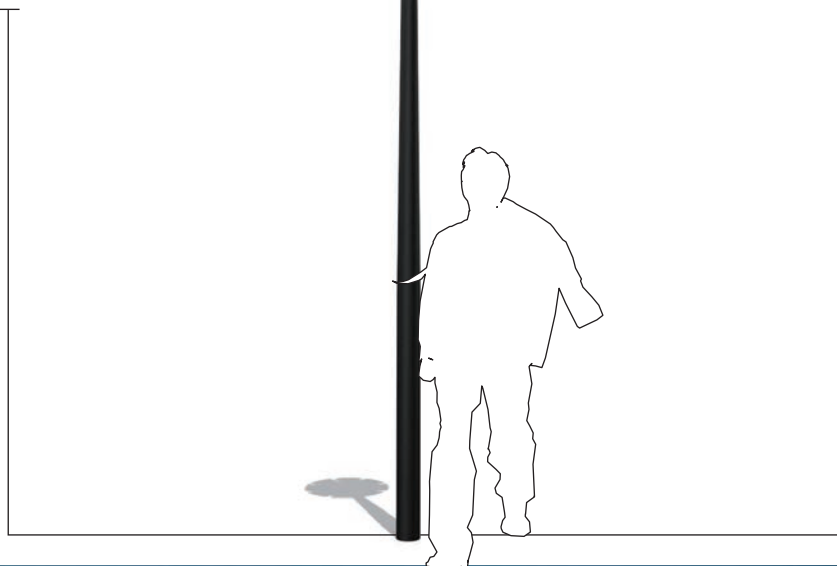
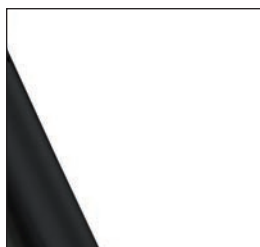
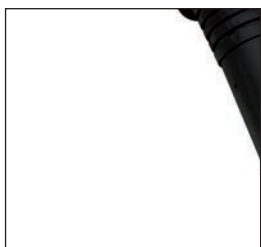
| Linéa Top |

Description.

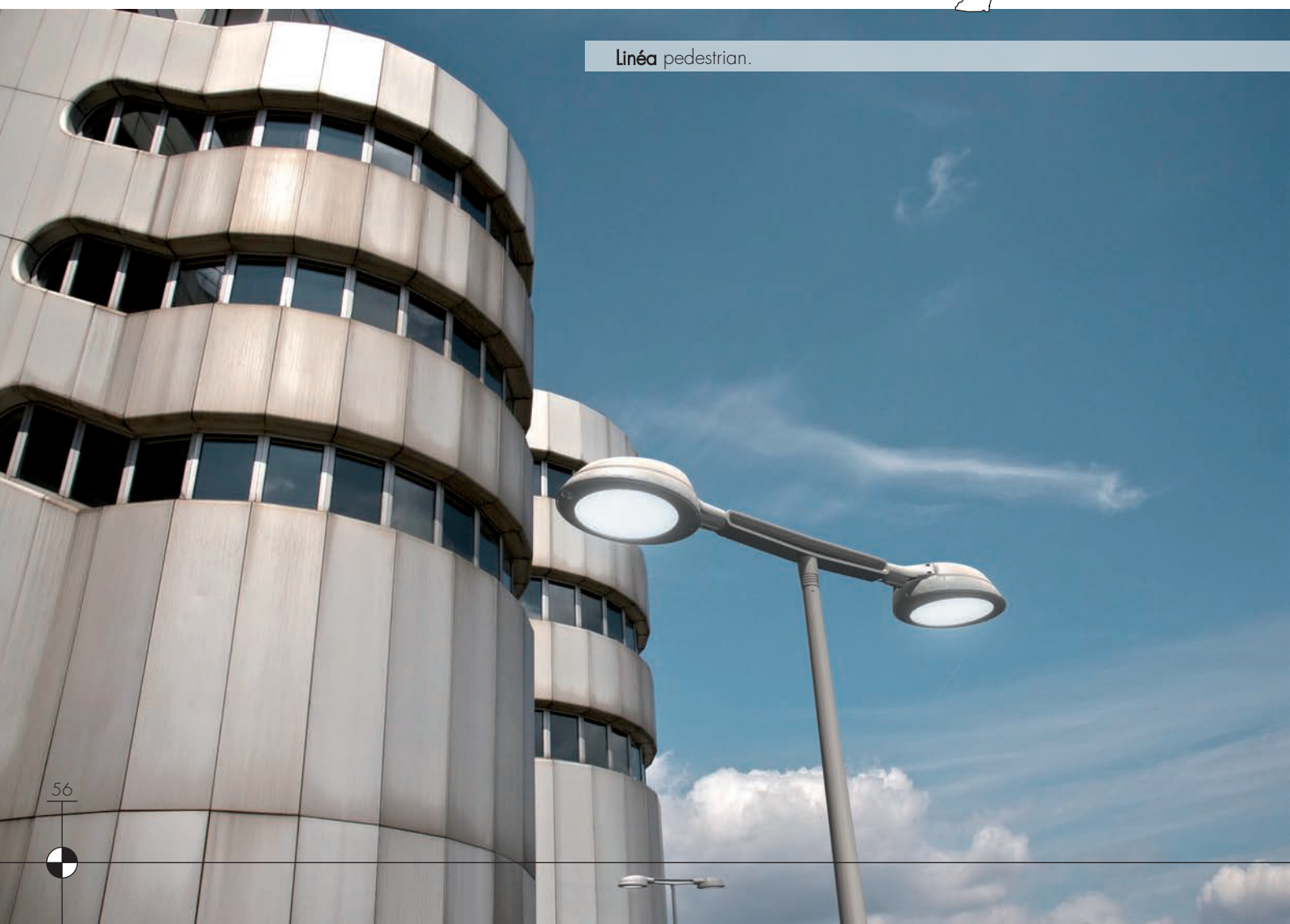
100% Aluminium range.
Height range : 4 & 5m.
Spigot 60x100mm.

Specifications.

Linéa in AlSi7Mg Aluminium alloy.
Round-conical spun Aluminium 6060T5.



Linéa pedestrian.





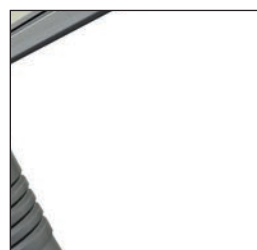
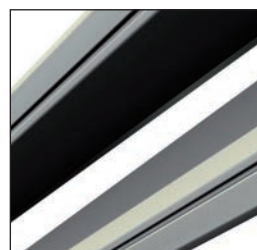
| Linéa Pedestrian |

Description.

100% Aluminium range.
Height range : 4 to 6m.
Outreach 0.4m.

Specifications.

Linéa in AlSi7Mg Aluminium alloy.
Round-conical spun Aluminium 6060T5.



Linéa

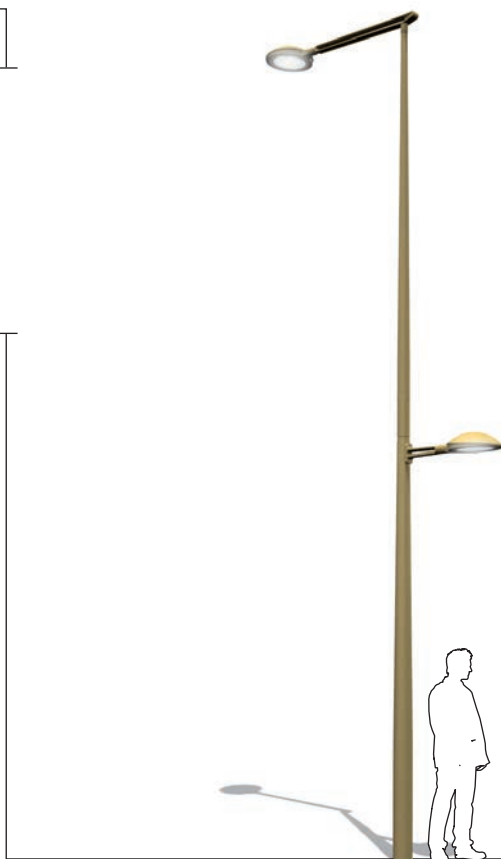
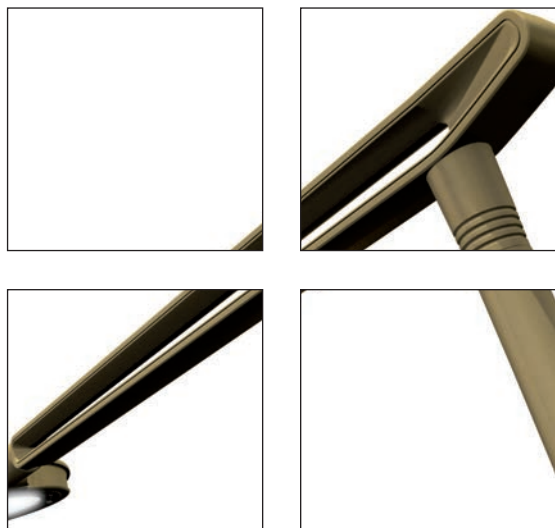
| Linéa |

Description.

100% Aluminium range.
Height range : 6 to 9m.
Outreach 1.2m.

Specifications.

Linéa in AlSi7Mg Aluminium alloy.
Round-conical spun Aluminium 6060T5.



Linéa.





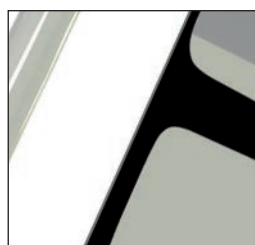
Linea Banner Support

Description.












100% Aluminium range.
Installation range : 6 to 9m.
Dimension maxi 0,8 x 2m.

Specifications.

Linea in AlSi7Mg Aluminium alloy.
Removable flanges banner in Aluminium 5754.



Linea Dimensions

											
	Shaft height (m)	Top (mm)	Base (mm)	Space for coupling (mm)				Flange (mm)	Embedding (mm)		
				Height	Width	Distance	Internal dimensions	Bolt spacing	Width	Concrete	Ground
Alumi- nium	4	60	150	500	95	500	85x95	200	270	600	800
	5	60	150	500	95	500	85x95	200	270	600	800
	6	60	150	500	95	500	85x95	200	270	800	1000
	6	60	165	500	100	500	94x100	300	400	800	1000
	7	60	165	500	100	500	94x100	300	400	1000	1200
	8	60	165	500	100	500	94x100	300	400	1000	1200
	9	60	165	500	100	500	94x100	300	400	1200	1500

Lighting height = Shaft height + 0.20m. L= 0m.
Lighting height = Shaft height + 0.15m. L= 0.4m.
Lighting height = Shaft height + 0.20m. L= 1.2m.

Dimensions and technical information are indicative.
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Fusyo

WHEN AN ENSEMBLE BECOMES ONE...

The close association of the vertical column and its horizontal extension, designed to perfectly embrace the shape of the mast no matter at what height it is positioned. The invisible fastening system sets it in a light embrace, as if by magic.

The surface finish chosen for this ensemble's components tangibly modifies the interpretation of the object within its environment.

Coordinated shades play up the simplicity of this furniture and lessen the awareness of its presence, which will help it to fit in to different types of environments.

Contrasting shades will have an entirely different effect. Depending on the choice of combination, they can lighten the top part of the mast and accentuate the idea of fusion, rooting the column in the ground and thus favouring the pedestrian scale, or conversely make its presence less felt at ground level.

This remarkable design does not however overshadow the functional nature of the furniture. It also incorporates the possibility of modulating projection, to best adjust the lightening to different spatial geometries...

100% Aluminium range, incorporating 30% Recycled Aluminium.

Bracket in AlSi7Mg Aluminium alloy.
Ro'dia bollard in AlSi7Mg Aluminium alloy.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0006.





Visual not contractual.

Fusyo

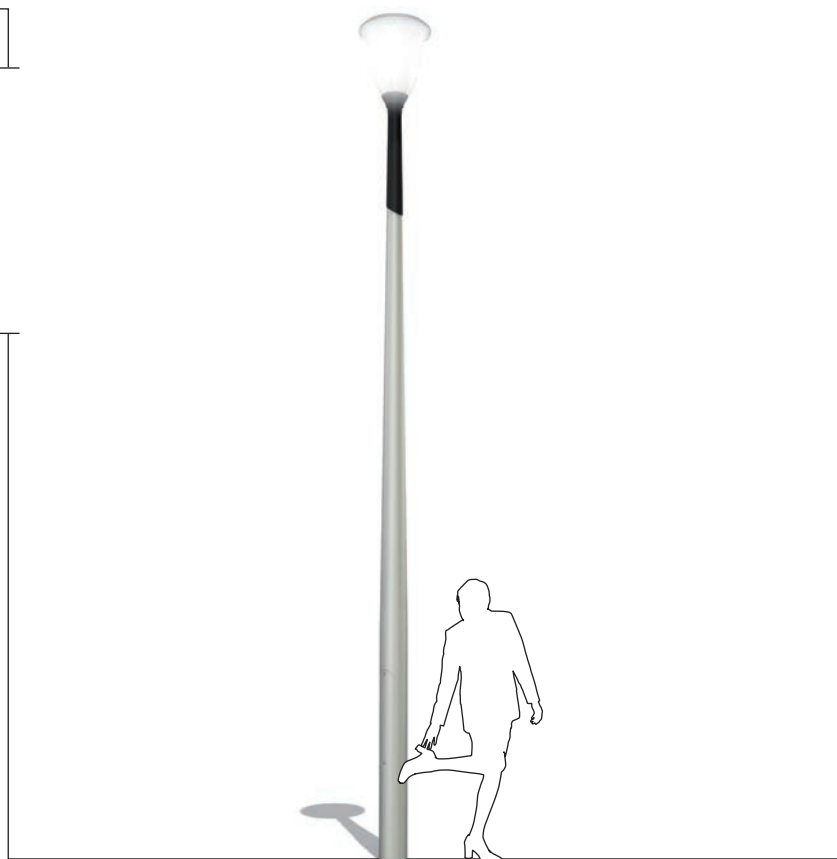
| Fusyo Top |

Description.

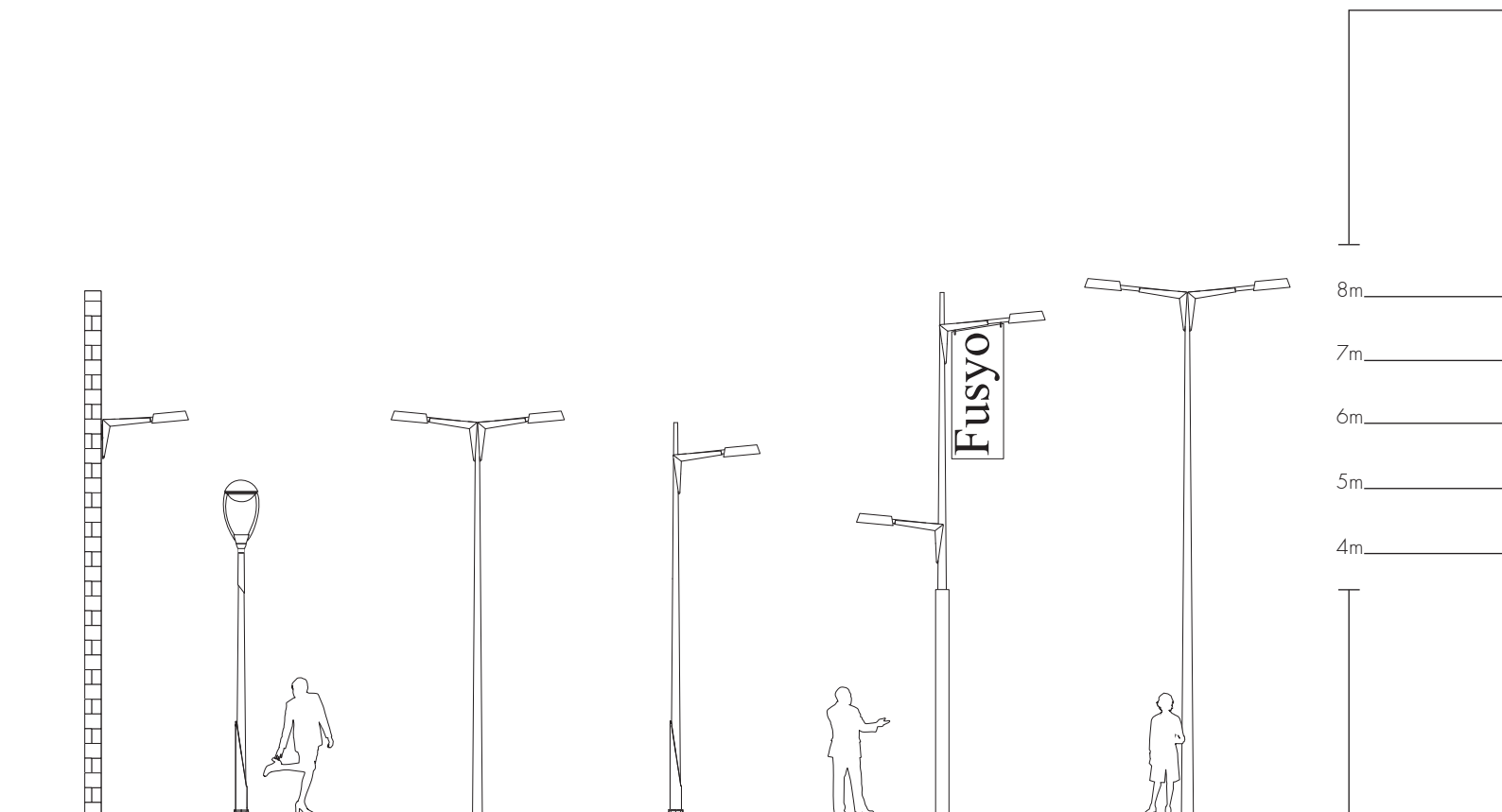
100% Aluminium range in two parts.
Height range : 4 & 5m.

Specifications.

Fusyo Top Aluminium fluo-formed 6060T5.
Spigot Ø75/60mm in AlSi7Mg Aluminium alloy.
Round-conical spun Aluminium 6060T5.



Fusyo Bi-section. St Symphorien d'Ozon. France



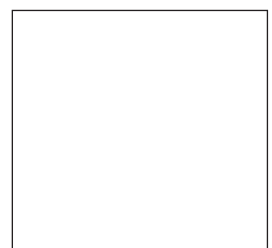
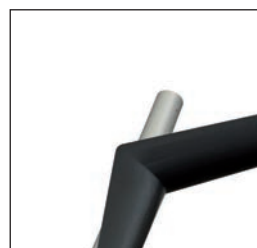
| Fusyo Aluminium |

Description.

100% Aluminium range.
Height range : 5 to 8m.
Outreach 0.75 to 1.2m.

Specifications.

Fusyo in AlSi7Mg Aluminium alloy.
Without visible screws.
Round-conical spun Aluminium 6060T5.



Options :
Ro'dia bollard.



Fusyo

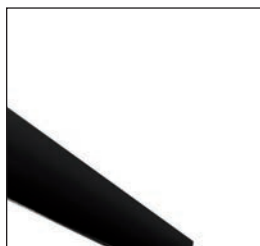
| Fusyo Bi-Section |

Description.

100% Aluminium range.
Height range : 5 to 8m.
Outreach 0.75 to 1.2m.

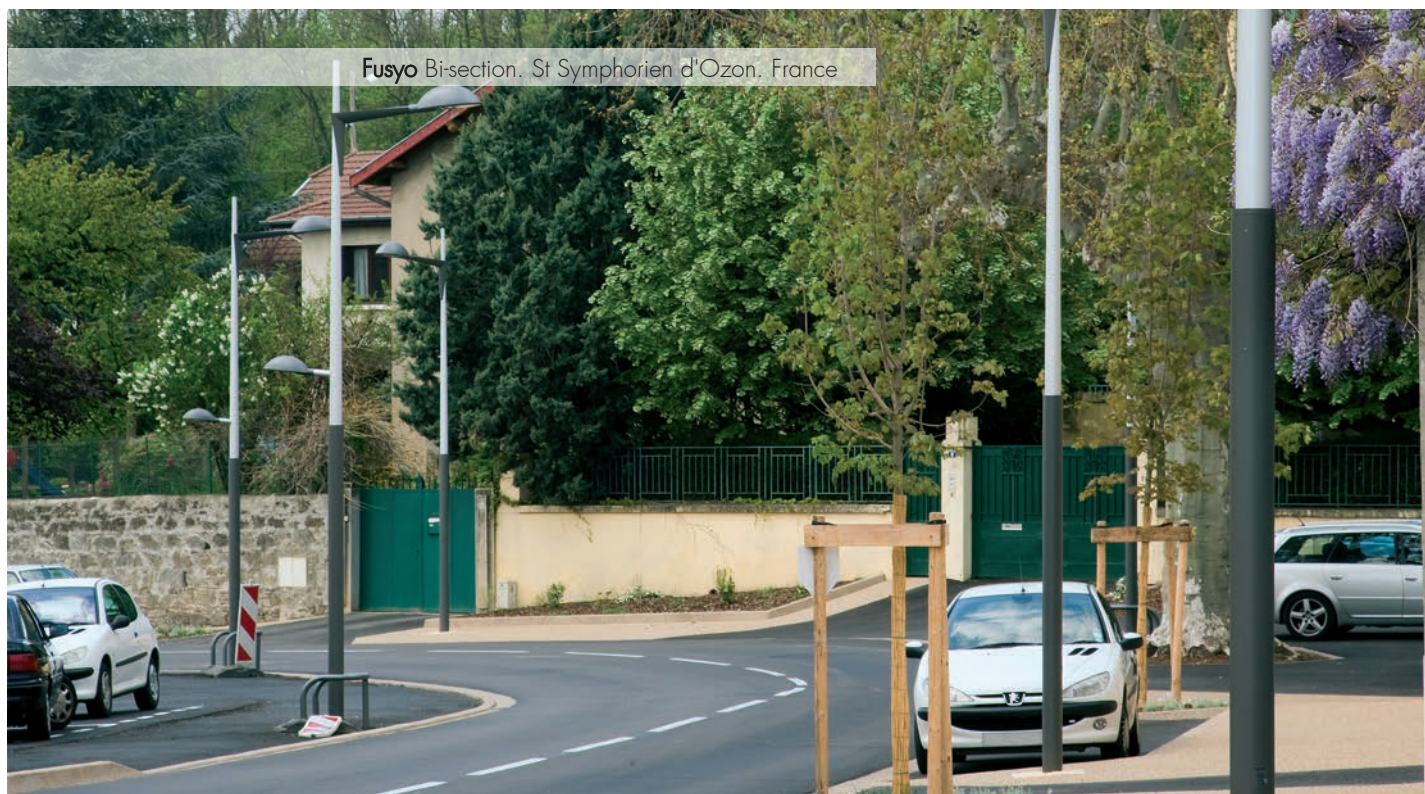
Specifications.

Fusyo in AlSi7Mg Aluminium alloy.
Without visible screws.
Bi-section spun Aluminium 6060T5.














Fusyo Bi-section. St Symphorien d'Ozon. France





Fusyo Bi-section. St Symphorien d'Ozon. France

Fusyo Dimensions

											
	Shaft height (m)	Top (mm)	Base (mm)	Space for coupling (mm)			Flange (mm)		Embedding (mm)		
				Height	Width	Distance	Internal dimensions	Bolt spacing	Width	Concrete	Ground
Alumi- nium	4	60	150	500	95	500	85x95	200	270	600	800
	5	60	150	500	95	500	85x95	200	270	600	800
	6	60	150	500	95	500	85x95	200	270	800	1000
	7	60	150	500	95	500	77x95	300	418	800	1000
	8	60	150	500	95	500	77x95	300	418	1000	1200
Bi-Section	5	60	150	500	95	500	85x95	300	418	600	800
	6	60	150	500	95	500	85x95	300	418	800	1000
	7	60	180	500	120	500	77x95	300	418	1000	1200
	8	60	180	500	120	500	77x95	300	418	1000	1200

FUSYO range installs without any visible screws on all types of Aluminium or Steel pole through a tapered dovetail made in Cupro-Aluminium CuAl9.

Dimensions and technical information are indicative.
Valmont reserves the right to modify, immediately and without notice, any technical or aesthetic specifications it deems necessary to improve Signature Collection products.

Annapurna

WHEN AN ENSEMBLE APPEARS IN THE SKY...

A bracket with deliberately strong lines forming a marked angle with the mast to provide a formal framework structuring traffic lanes.

To soften this overall line, well-drawn uprights with sleek contours are associated with detailed vertical lines in the upper part, at the junction of the pole and the bracket, drawing on the vocabulary of cutlery.

Simple furniture which by its details adds sophistication to the place.

100% Aluminium range, incorporating 30% Recycled Aluminium.

Bracket in AlSi7Mg Aluminium alloy.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0006.





Annapurna

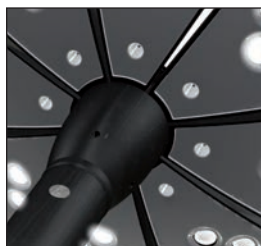
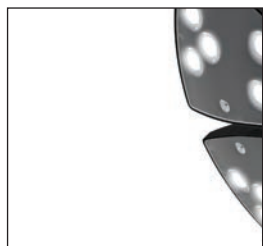
| Annapurna Top |

Description.

100% Aluminium range.
Height range : 4 & 5m.

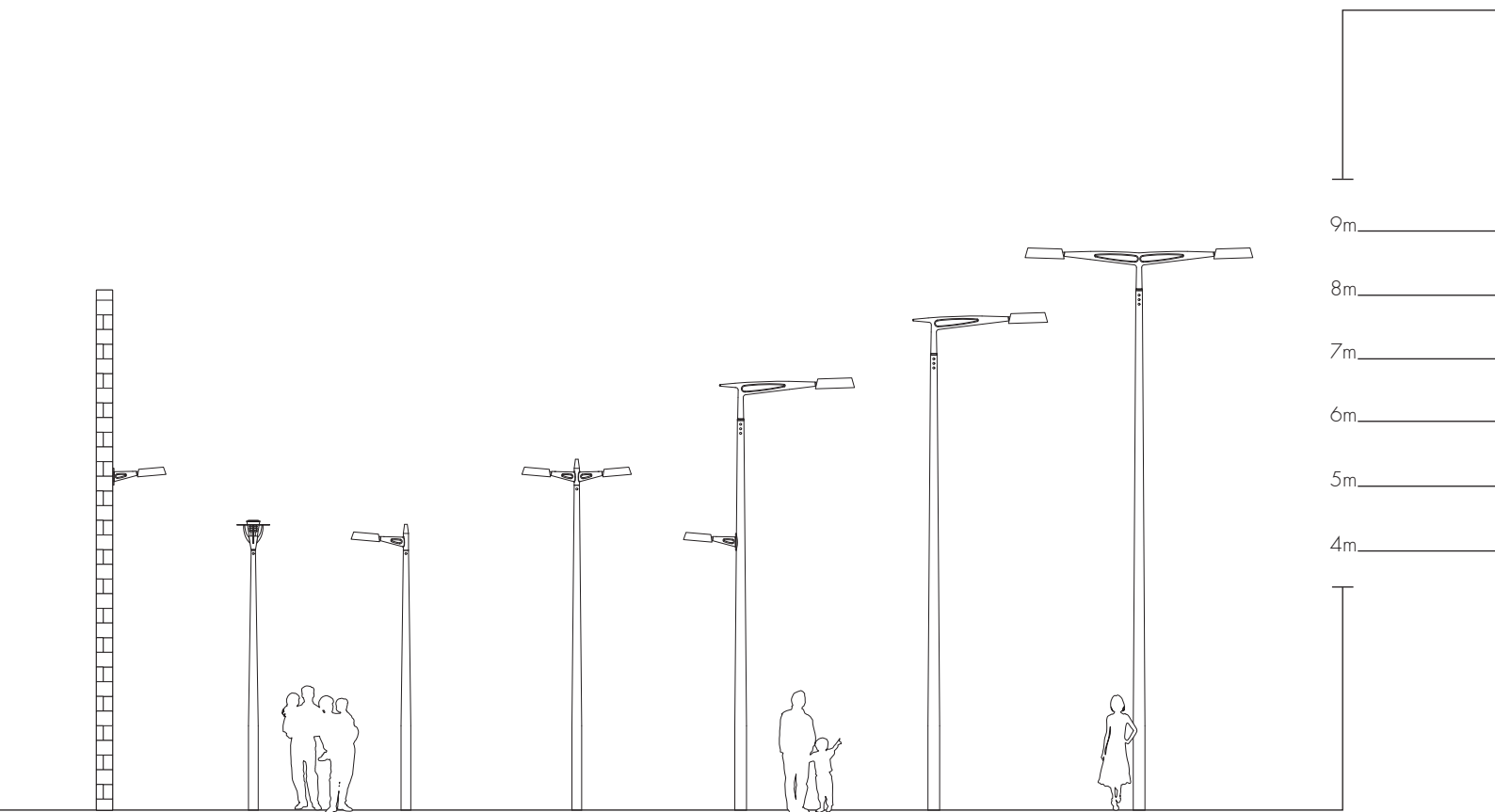
Specifications.

Dot in 5754H112 Aluminium alloy.
Spigot Ø75/60mm in AlSi7Mg Aluminium alloy.
Annagonia spun Aluminium 6060T5.



Annapurna Pedestrian. Neussargues. France





| Annapurna Pedestrian |

Description.

Gamme 100% Aluminium.
Height range : 4 to 6m.
Outreach 0.4m.

Specifications.

Annapurna in AlSi7Mg Aluminium alloy.
Dot in 5754H112 Aluminium alloy.
Annagonia spun Aluminium 6060T5.



Annapurna

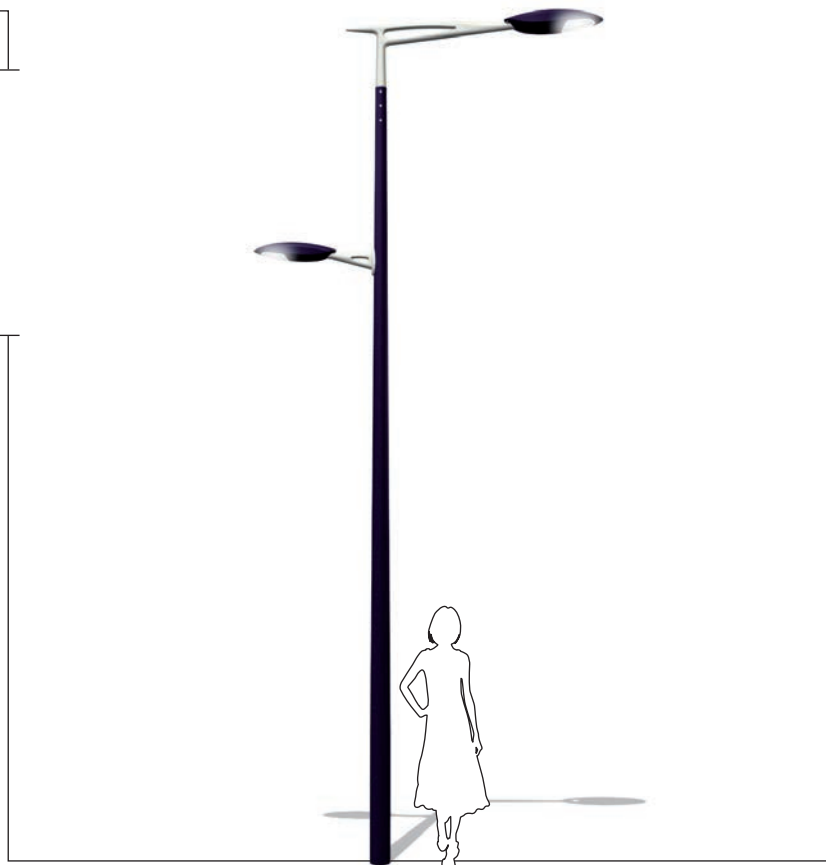
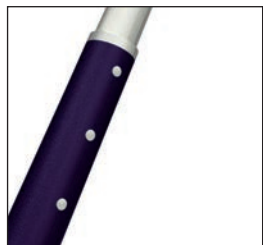
| Annapurna |

Description.

100% Aluminium range.
Height range : 6 to 10m.
Outreach 1.2m.

Specifications.

Annapurna in AlSi7Mg Aluminium alloy.
Dot in 5754H112 Aluminium alloy.
Annagonia spun Aluminium 6060T5.



Annapurna. Cusset. France





Annapurna. Liposthey. France

Annapurna Dimensions

	Shaft height (m)	Top (mm)	Base (mm)	Space for coupling (mm)			Flange (mm)		Embedding (mm)		
				Height	Width	Distance	Internal dimensions	Bolt spacing	Width	Concrete	Ground
Annago- nia	4	80	150	500	95	500	85x95	200	270	600	800
	5	80	150	500	95	500	85x95	200	270	600	800
	6	80	150	500	95	500	85x95	200	270	800	1000
	7	100	180	500	120	500	106x120	300	418	1000	1200
	8	100	180	500	120	500	106x120	300	418	1000	1200
	9	100	180	500	120	500	106x120	300	418	1200	1500
	10	100	180	500	120	500	106x120	300	418	1200	1500

Lighting height = Shaft height + 0.20m. L= 0.4m.

Lighting height = Shaft height + 0.50m. L= 1.2m.

Dimensions and technical information are indicative.

Valmont reserves the right to modify, immediately and without notice, any technical or aesthetic specifications it deems necessary to improve Signature Collection products.

Annapurna

Annapurna pedestrian. Bron. France



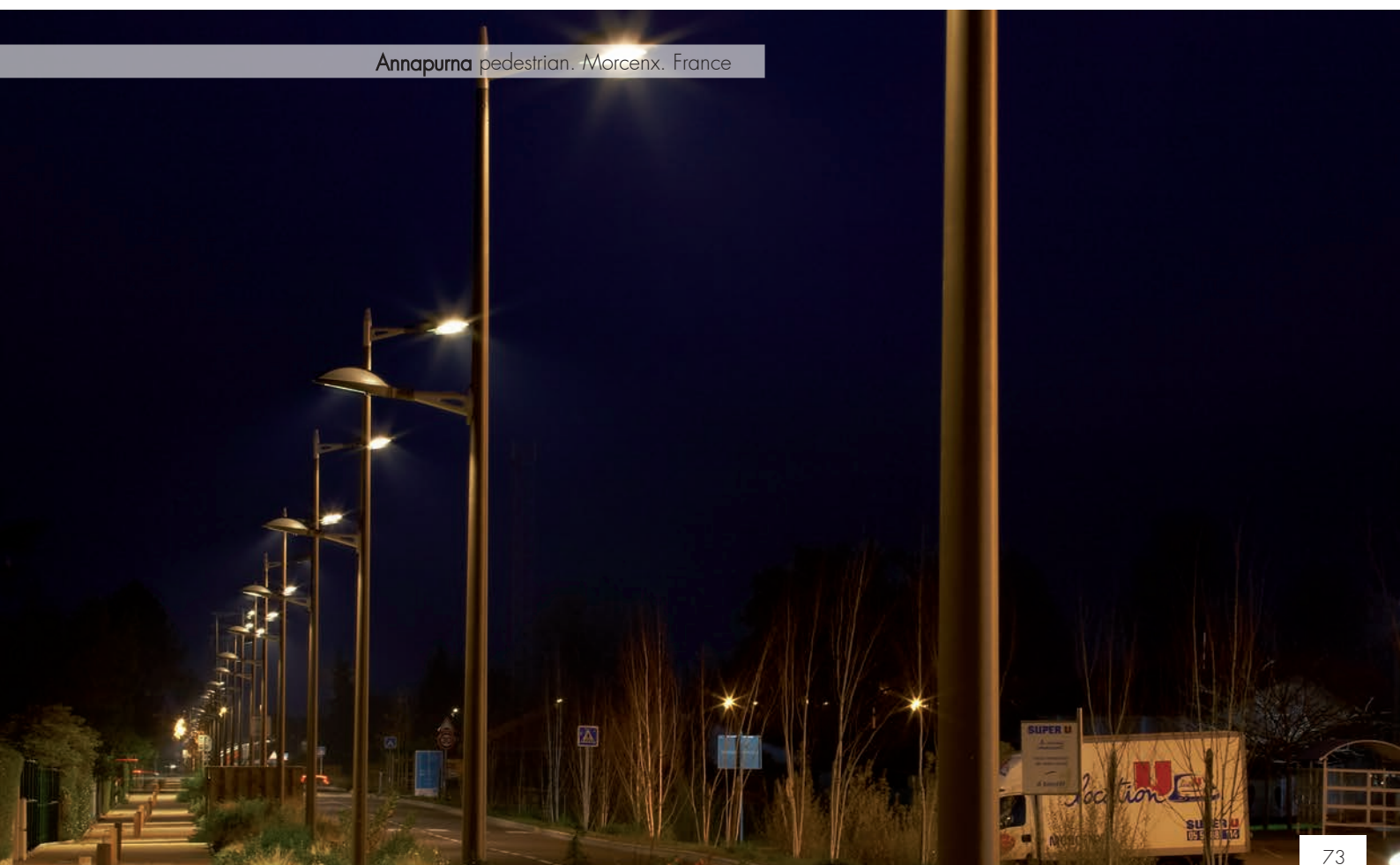
Annapurna. Béziers. France



Annapurna. Bons en Chablais. France



Annapurna pedestrian. Morcenx. France



Patagonia

WHEN AN ENSEMBLE BOOSTS THE LANDSCAPE...

A bracket with a pronounced design, to frame the spaces treated, in rounded shapes without stiffness, whilst opening the sky to our gaze.

Its overall shape with softened curves and, at the top of the mast, details shaped with the skill of a silversmith, lend the column a form of sophistication.

Sleek furniture which fully contributes to the elegance of the installation and its identification.

100% Aluminium range, incorporating 30% Recycled Aluminium.

Bracket in AlSi7Mg Aluminium alloy.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0006.





Visual not contractual.

75

Patagonia

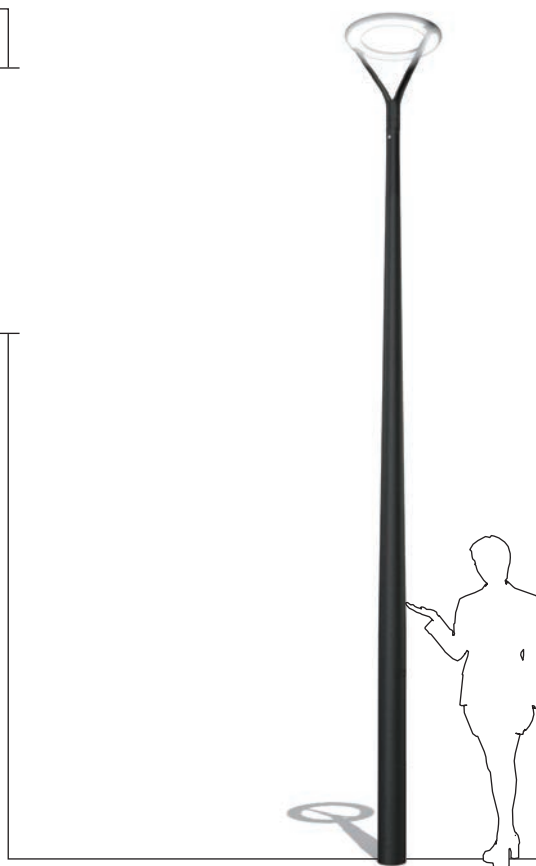
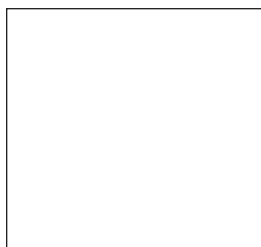
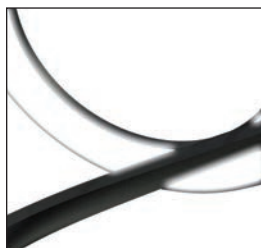
| Patagonia Top |

Description.

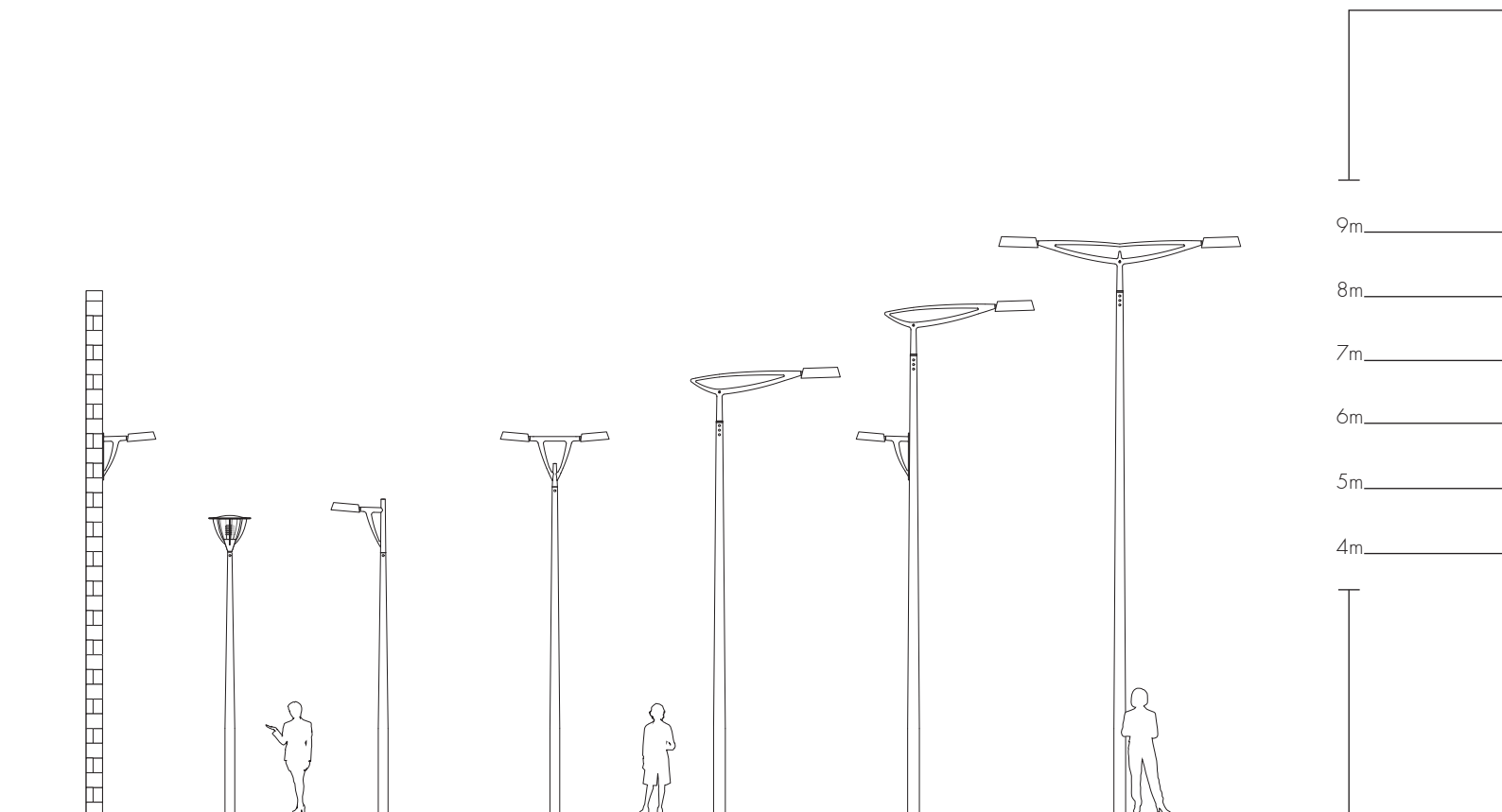
100% Aluminium range.
Height range : 4 & 5m.

Specifications.

Dot in 5754H112 Aluminium alloy.
Spigot Ø75/60mm in AlSi7Mg Aluminium alloy.
Annagonia spun Aluminium 6060T5.



Patagonia. Vitoria. Espagne



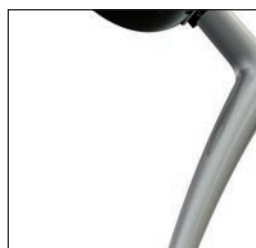
| Patagonia Pedestrian |

Description.

Gamme 100% Aluminium.
Height range : 4 to 6m.
Outreach 0.4m.

Specifications.

Patagonia in AlSi7Mg Aluminium alloy.
Dot in 5754H112 Aluminium alloy.
Annagonia spun Aluminium 6060T5.



Patagonia

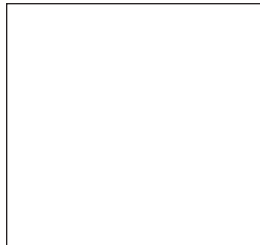
| Patagonia |

Description.

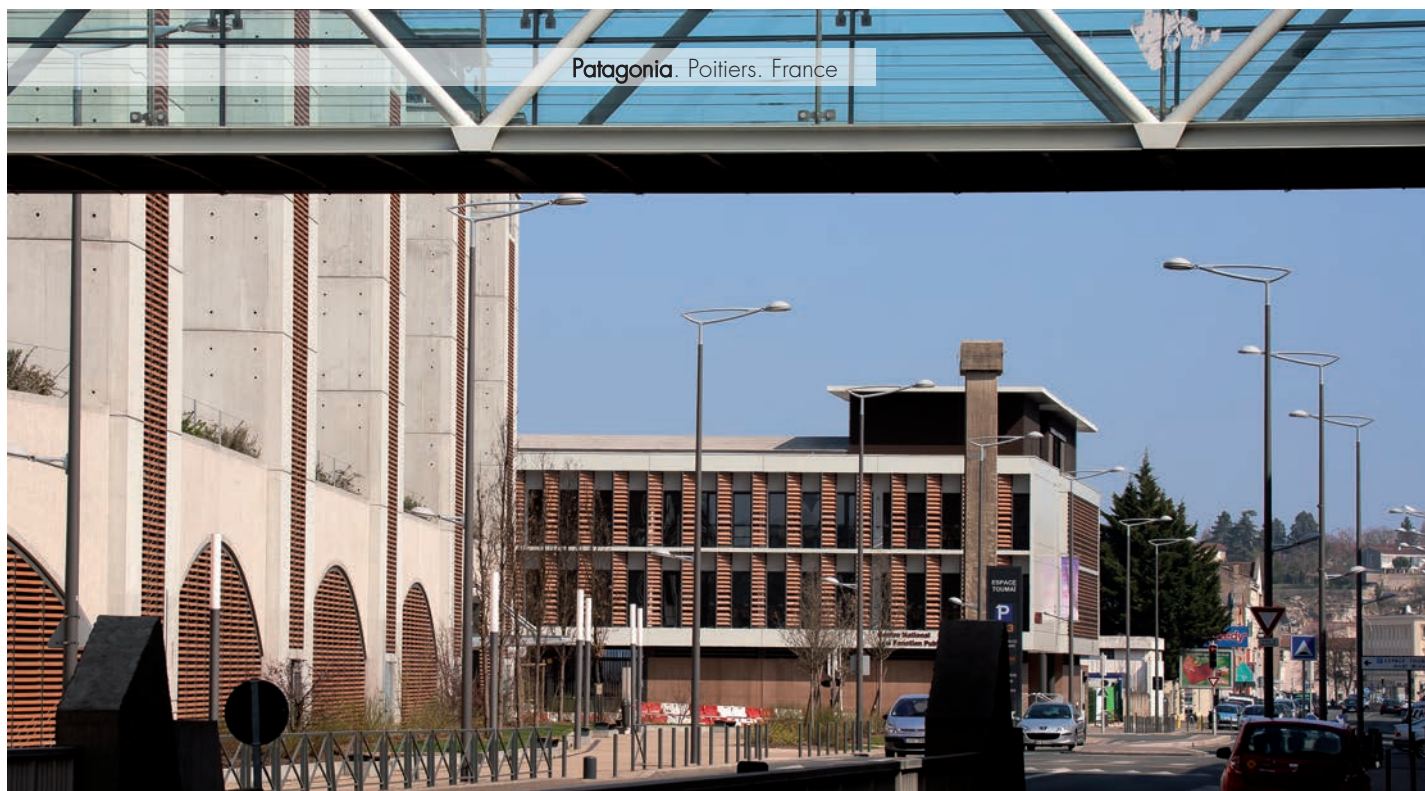
100% Aluminium range.
Height range : 6 to 10m.
Outreach 1.2m.

Specifications.

Patagonia in AlSi7Mg Aluminium alloy.
Dot in 5754H112 Aluminium alloy.
Annagonia spun Aluminium 6060T5.














Patagonia. Toulouse. France



Patagonia. Poitiers. France

Patagonia Dimensions

											
	Shaft height (m)	Top (mm)	Base (mm)	Space for coupling (mm)			Flange (mm)		Embedding (mm)		
				Height	Width	Distance	Internal dimensions	Bolt spacing	Width	Concrete	Ground
Annago- nia	4	80	150	500	95	500	85x95	200	270	600	800
	5	80	150	500	95	500	85x95	200	270	600	800
	6	80	150	500	95	500	85x95	200	270	800	1000
	7	100	180	500	120	500	106x120	300	418	1000	1200
	8	100	180	500	120	500	106x120	300	418	1000	1200
	9	100	180	500	120	500	106x120	300	418	1200	1500
	10	100	180	500	120	500	106x120	300	418	1200	1500

Lighting height = Shaft height + 0.65m. L= 0.4m.

Lighting height = Shaft height + 0.75m. L= 1.2m.

Dimensions and technical information are indicative.

Valmont reserves the right to modify, immediately and without notice, any technical or aesthetic specifications it deems necessary to improve Signature Collection products.

Neo'Grab

WHEN A CLASSIC IS REBORN...

Born from the desire to combine past and present, this console with rounded curves, offers a classical approach restyled, with a slight accent «Art deco».

Thanks of its neo-classical style, this column has its place both in character sites, where we want to bring a touch of modernity without abruptness, as in contemporary spaces that you want to give a form of classicism.

100% Mixed furniture, can be installed on all types of 60mm mast tops. (Steel, Aluminium...)

Bracket in AlSi7Mg Aluminium alloy.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0006.



NEW



Visual not contractual.

Neo'Grab

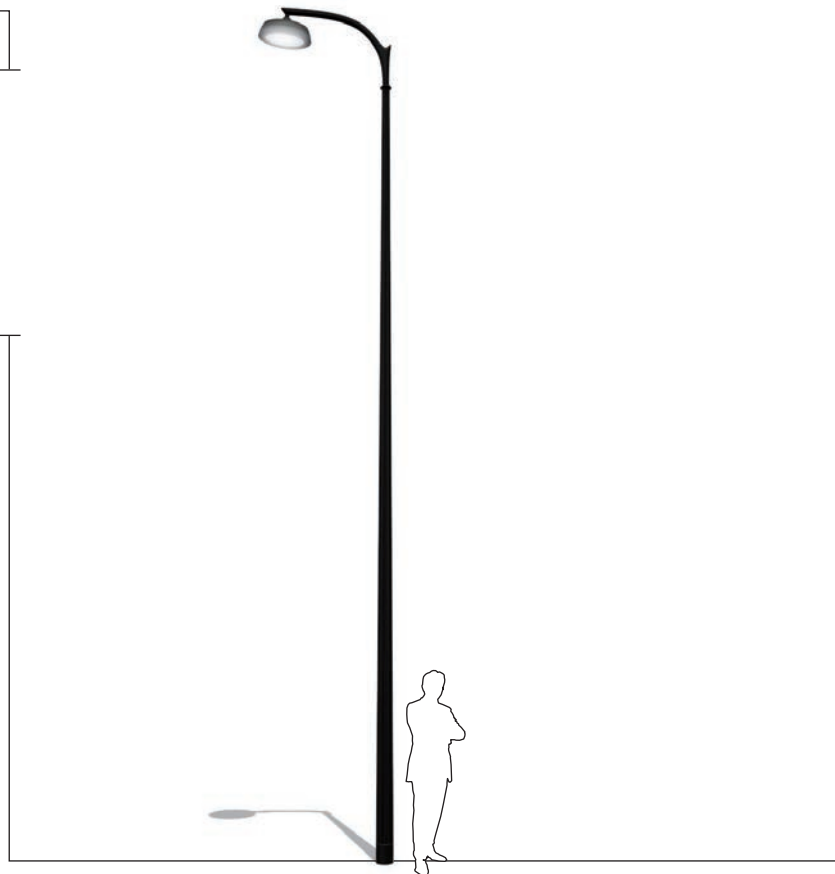
| Neo'Grab CityQuartz |

Description.

100% Mixed range.
Height range : 5 to 9m.
Outreach 1.2m.

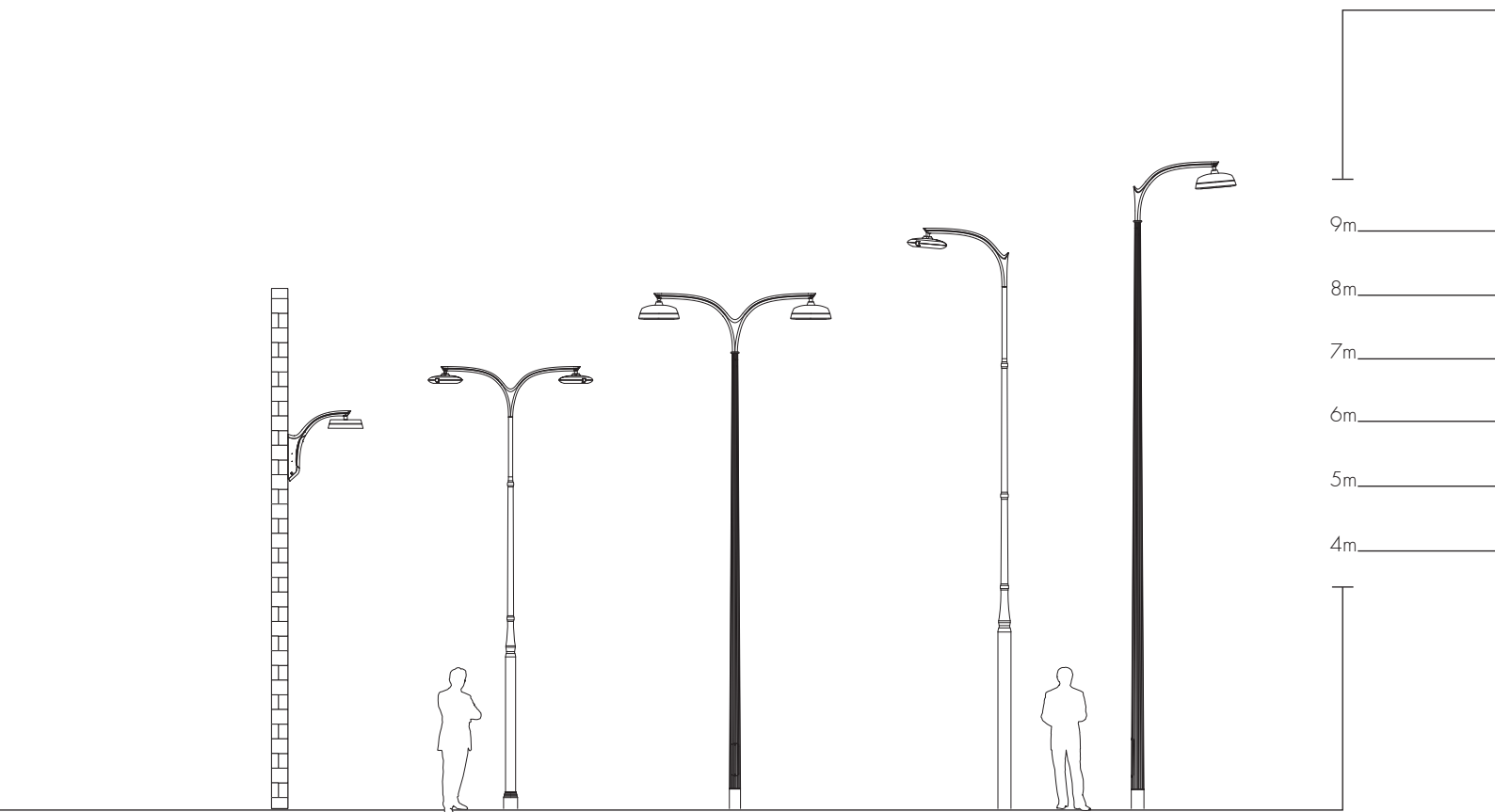
Specifications.

Neo'Grab in AlSi7Mg Aluminium alloy.
Connection Pipe 34 G. Tilting : 0 to 15°.
CityQuartz Steel ASTM A595A. 16 Flutes.



Neo'Grab Anthéa.





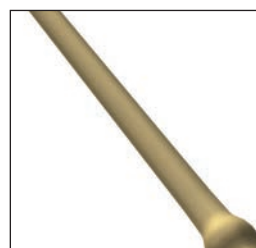
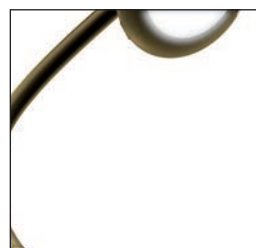
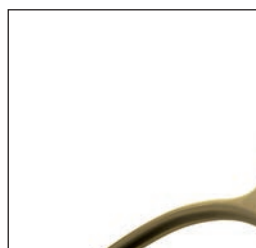
| Neo'Grab Anthéa |

Description.

100% Aluminium range.
Height range : 6 to 9m.
Outreach 1.2m.

Specifications.

Neo'Grab in AlSi7Mg Aluminium alloy.
Connection Pipe 34 G. Tilting : 0 to 15°.
Anthéa spun Aluminium 6060T5.



Neo'Grab

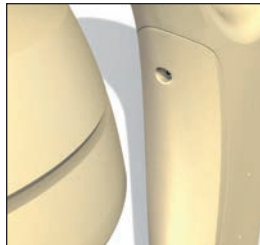
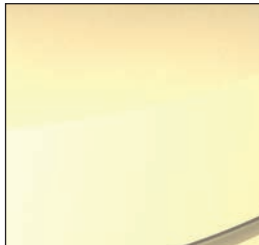
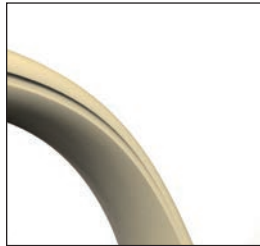
| Bracket Neo'Grab |

Description.

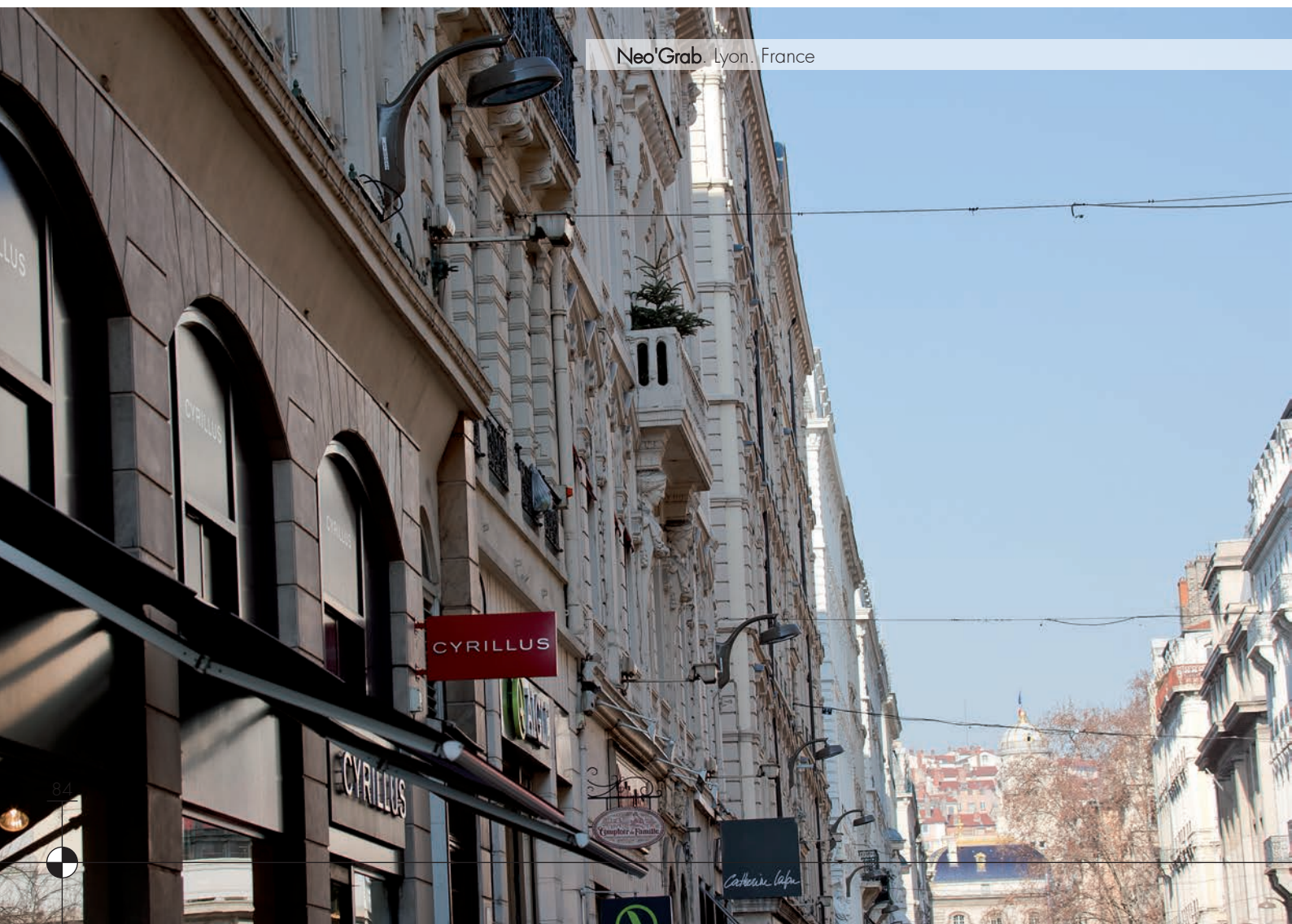
100% Aluminium Wall bracket.
Height range : 6 to 9m. Outreach 0.80m.
Bolt spacing : 400mm. Without visible screws.

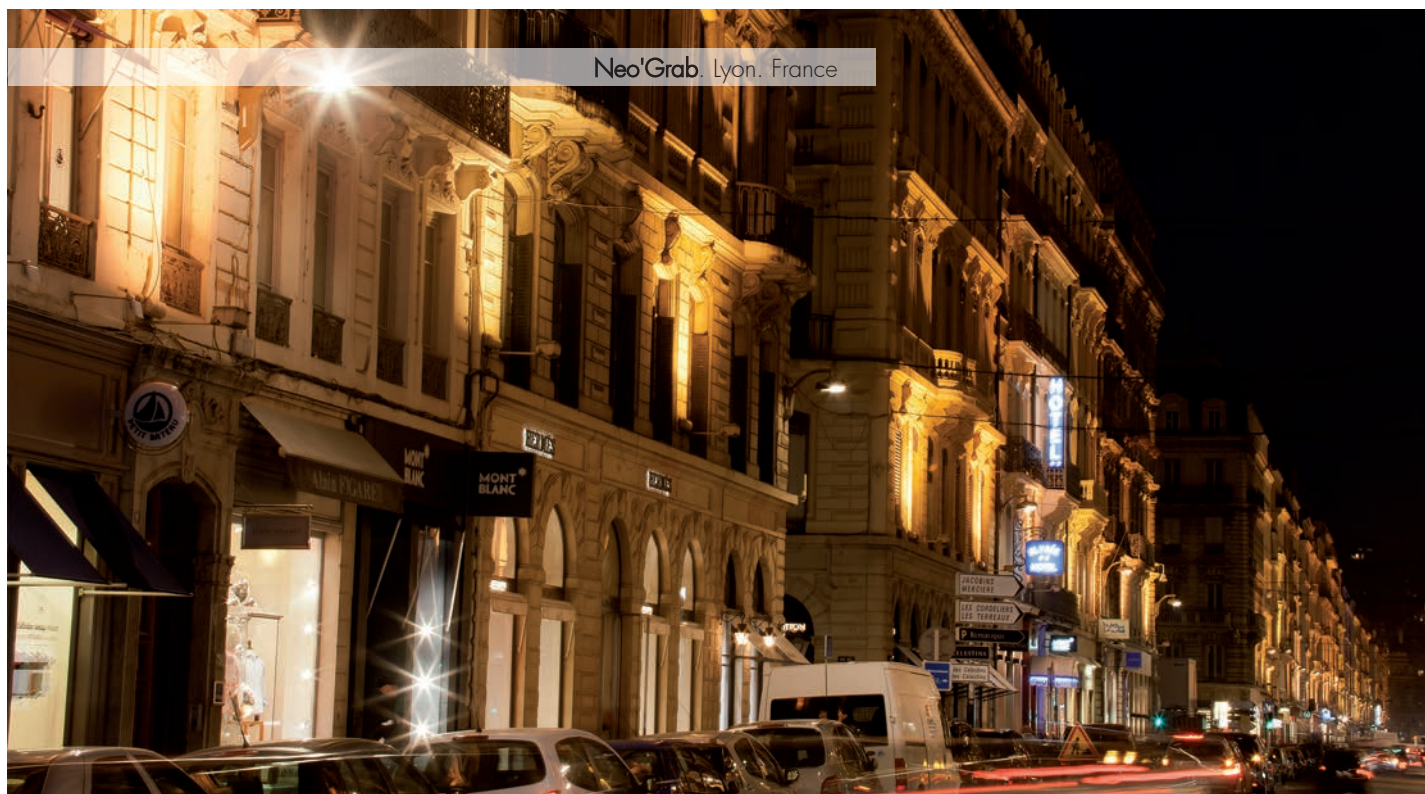
Specifications.

Neo'Grab in AlSi7Mg Aluminium alloy.
Connection Pipe 34 G. Tilting : 0 to 15°.
Integration of electrical equipment.













Neo'Grab. Lyon. France





Neo'Grab Dimensions

											
	Shaft height (m)	Top (mm)	Base (mm)	Space for coupling (mm)			Flange (mm)		Embedding (mm)		
				Height	Width	Distance	Internal dimensions	Bolt spacing	Width	Concrete	Ground
City- Quartz	5	89	147	500	92	500	80x90	300	412	600	800
	7	89	171	500	110	500	100x90	300	400	1000	1200
	9	89	194	600	125	500	120x130	300	400	1200	1500
Anthéa	5	75	150	500	95	500	85x95	200	270	600	800
	6	75	180	500	120	500	106x120	300	418	800	1000
	7	75	180	500	120	500	106x120	300	418	1000	1200
	8	75	200	500	120	500	125x120	300	400	1000	1200

Lighting height = Shaft height + 0.90m. L= 1.2m.

Dimensions and technical information are indicative.
Valmont reserves the right to modify, immediately and without notice, any technical or aesthetic specifications it deems necessary to improve Signature Collection products.

Flexi

WHEN EXUBERANCE BECOMES SENSUAL...

The lines of Flexi ensembles play deliberately with curves, counter-curves and interlacing to bring some more frivolity to public spaces.

This Collection plays with the register of creation of scenery to accompany daytime walks.

The modular composition of these lamp posts makes it possible to extend this scenic work with material effects on the different elements which make up the column.

100% Aluminium range, incorporating 30% Recycled Aluminium.

Collar in AlSi7Mg Aluminium alloy.
Bracket & Support Aluminium 6106T5.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0006.





Visual not contractual.

Flexi

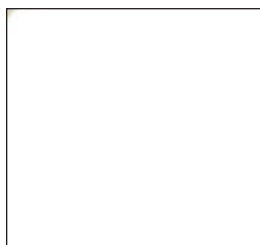
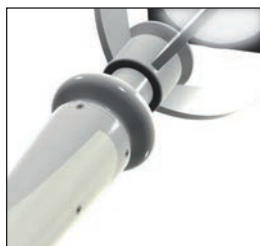
| Flexi Top |

Description.

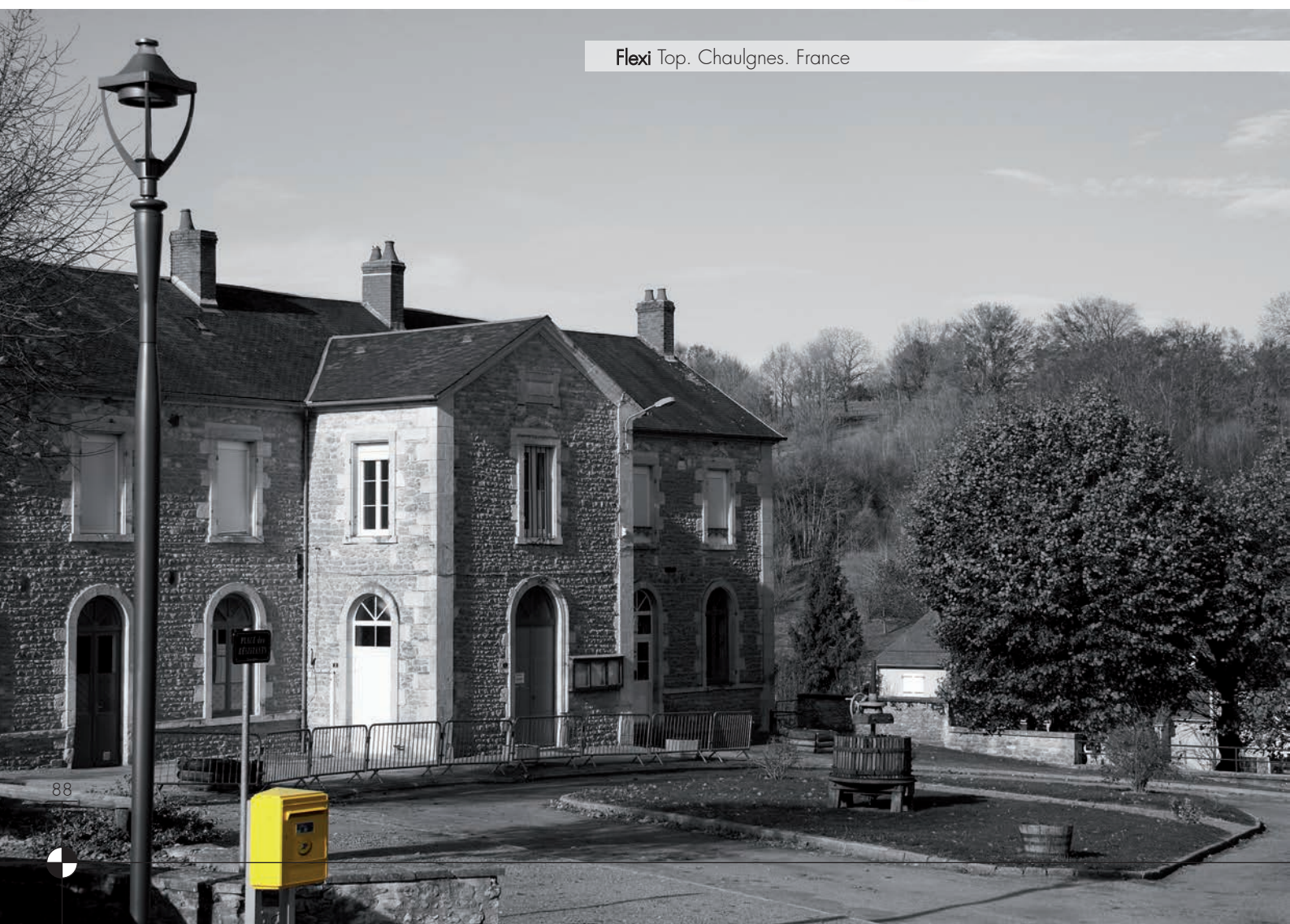
100% Aluminium range in 2 parts.
Height range : 4 & 5m.

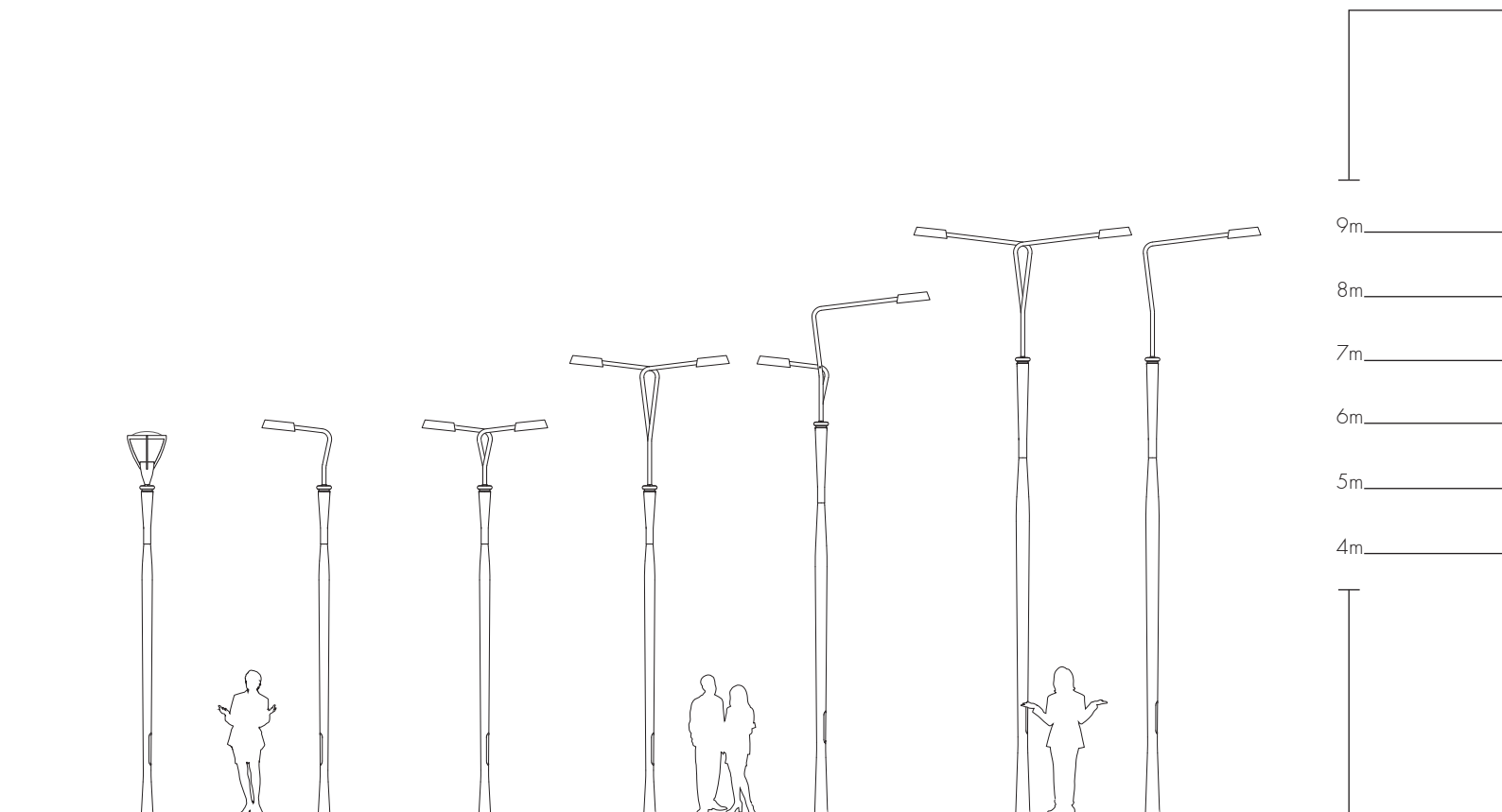
Specifications.

Collar in AlSi7Mg Aluminium alloy.
Spun Aluminium 6060T5.



Flexi Top. Chaulgnes. France





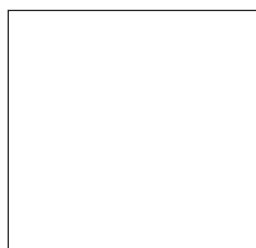
| Flexi Pedestrian |

Description.

100% Aluminium range.
Height range : 4 to 5m.
Outreach 0.5m.

Specifications.

Collar in AlSi7Mg Aluminium alloy.
Curved Aluminium 6060T6.
Spun Aluminium 6060T5.



Flexi

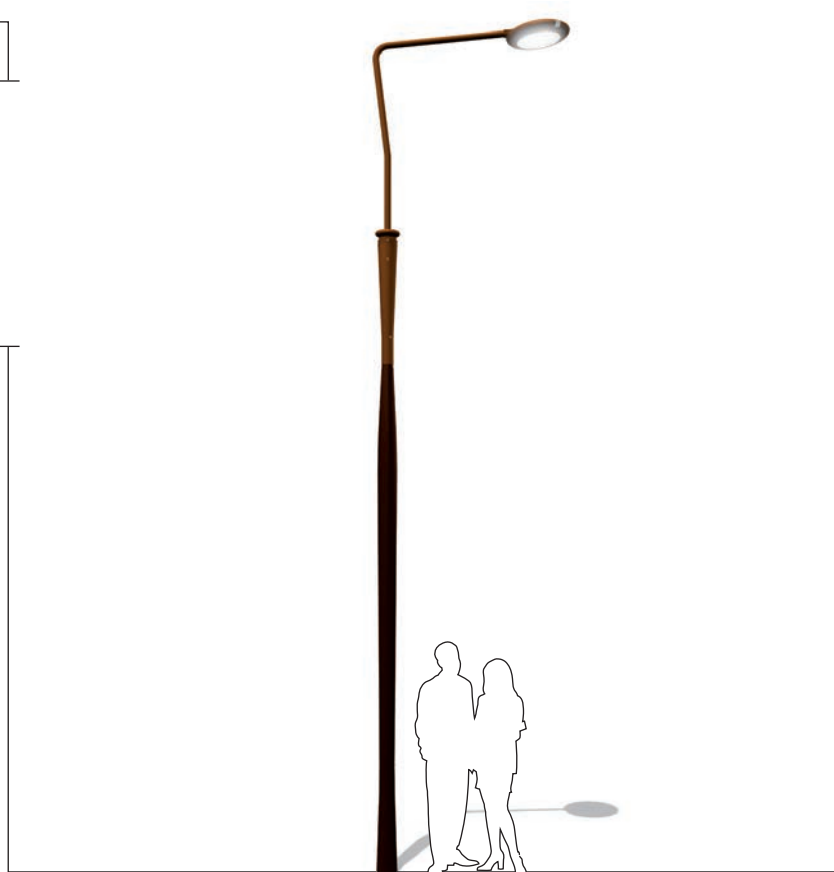
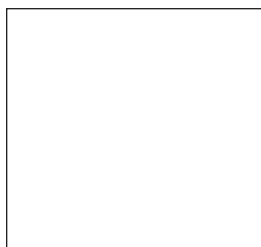
| Flexi |

Description.

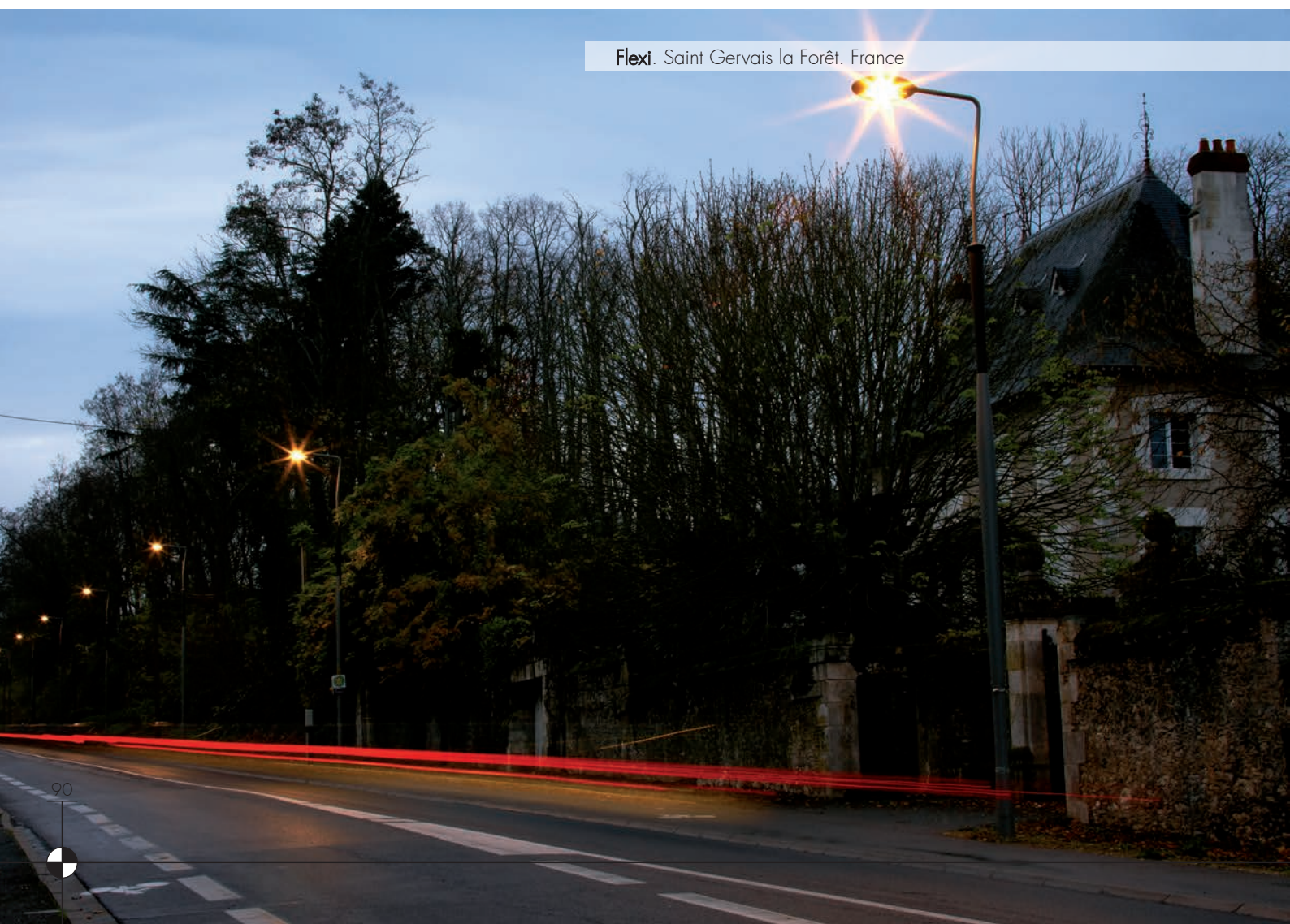
100% Aluminium range.
Height range : 6 to 9m.
Outreach 0.75 & 1.2m.

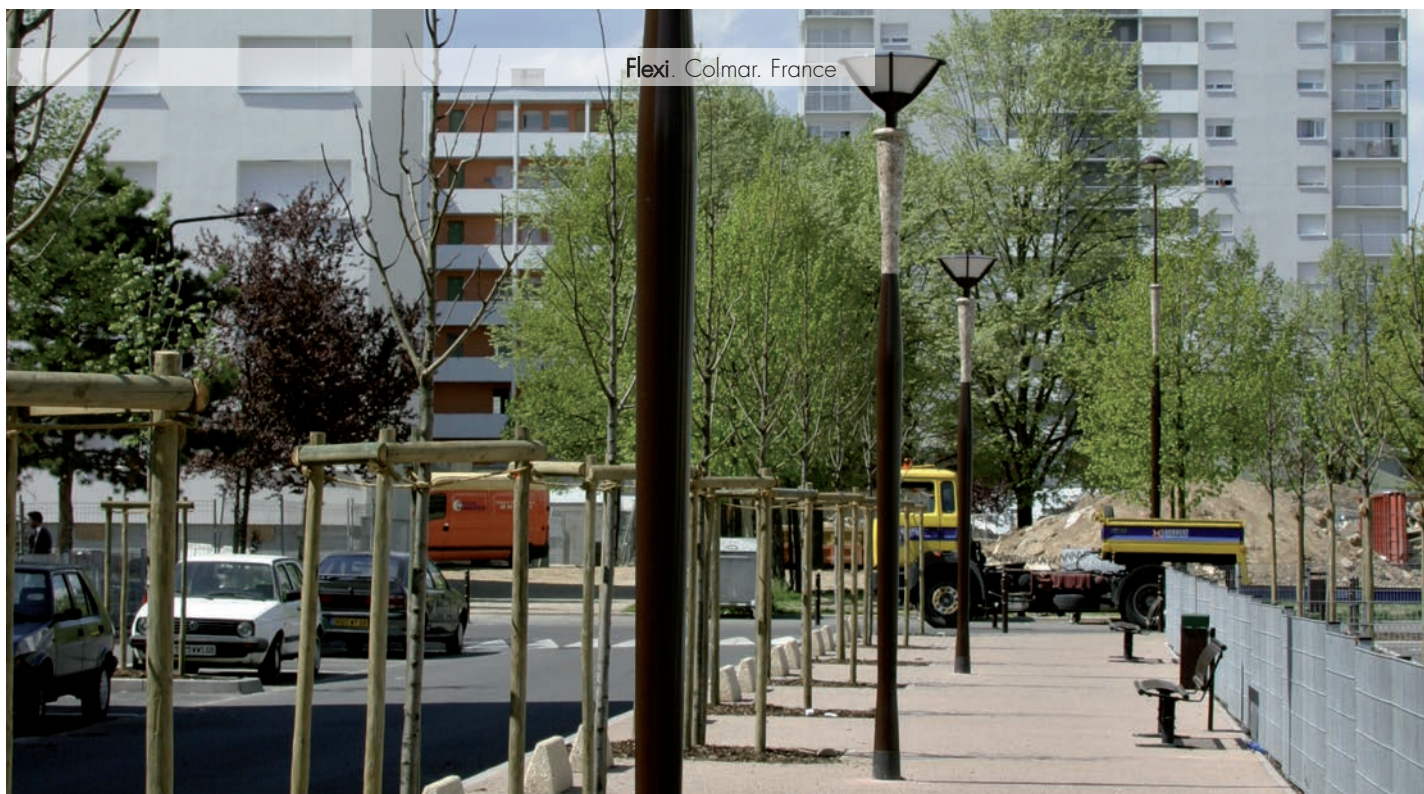
Specifications.

Collar in AlSi7Mg Aluminium alloy.
Curved Aluminium 6060T6.
Spun Aluminium 6060T5.



Flexi. Saint Gervais la Forêt. France





Flexi Dimensions

	Shaft height (m)	Top (mm)	Base (mm)	Space for coupling (mm)			Flange (mm)		Embedding (mm)		
				Height	Width	Distance	Internal dimensions	Bolt spacing	Width	Concrete	Ground
Flexi	4	180	180	500	100	750	75x75	200	270	600	800
	5	180	180	500	100	750	75x75	200	270	600	800
	6	180	200	500	100	1100	75x75	300	400	800	1000
	8	180	200	500	100	1100	75x100	300	400	1000	1200
	9	180	220	500	100	1250	90x100	300	400	1200	1500

Lighting height = Shaft height + 0.90m. L= 0.50m.
 Lighting height = Shaft height + 1.90m. L= 0.75m.
 Lighting height = Shaft height + 1.90m. L= 1.20m.

Dimensions and technical information are indicative.
 Valmont reserves the right to modify, immediately and without notice, any technical or aesthetic specifications it deems necessary to improve Signature Collection products.

WHEN SENSUALITY CONTRAST WITH MASSIVE....

Constant modulation of the column's volume, from the ground to the light, gives this furniture its proud bearing. Its generous curves are finely balanced and contribute to the elegance and general equilibrium of its silhouette.

This gentle shape, whether in urban or outlying suburban spaces, will soften linear building fronts and the technical nature of roadways. It places pedestrians centre-stage, providing them with more refined and elegant scenery for their walks

The different elements which go to make up this lamp post open a field of creativity. The limited dimensions of these components simplify the surface work which can be done and give scope for playing with material effects...

100% Aluminium range, incorporating 30% Recycled Aluminium.

Elbow in AlSi7Mg Aluminium alloy.
Bracket & Support Aluminium 6106T5.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0006.





Visual not contractual.

Té

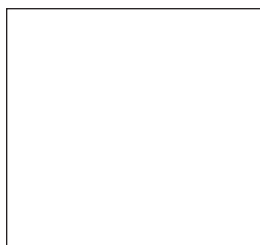
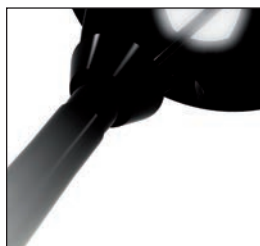
| Té Top |

Description.

100% Aluminium range in 2 parts.
Height range : 4 & 5m.

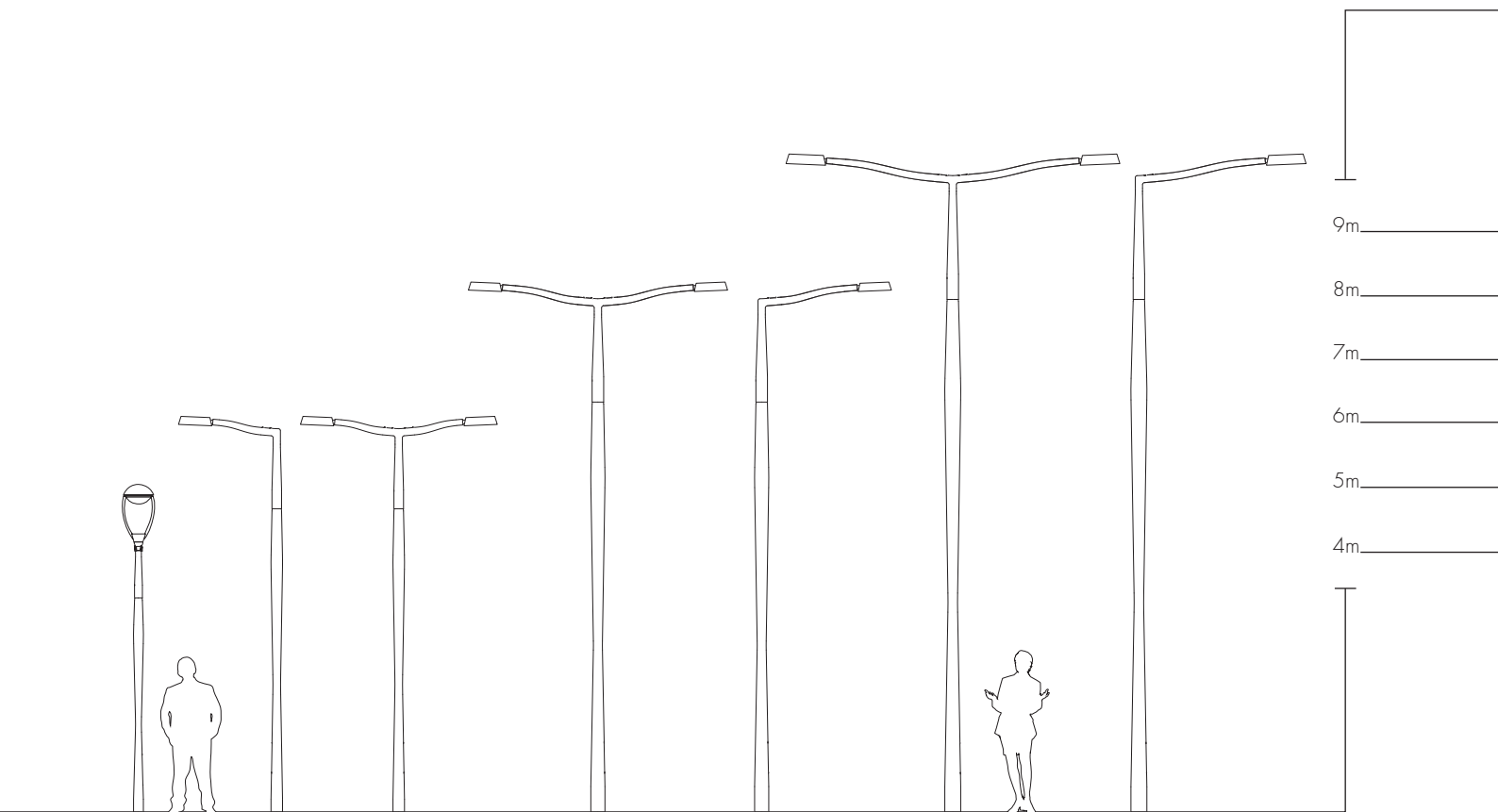
Specifications.

Spun Aluminium 6060T5.



Té Top. Ruy Montceau. France





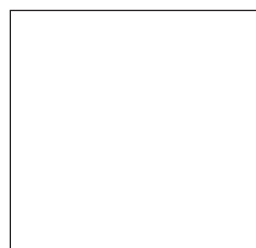
| Té Pedestrian |

Description.

100% Aluminium range.
Height range : 4 to 5m.
Outreach 1m.

Specifications.

Elbow in AlSi7Mg Aluminium alloy.
Spun Aluminium 6060T5.



Té

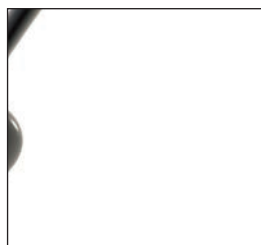
| Té |

Description.

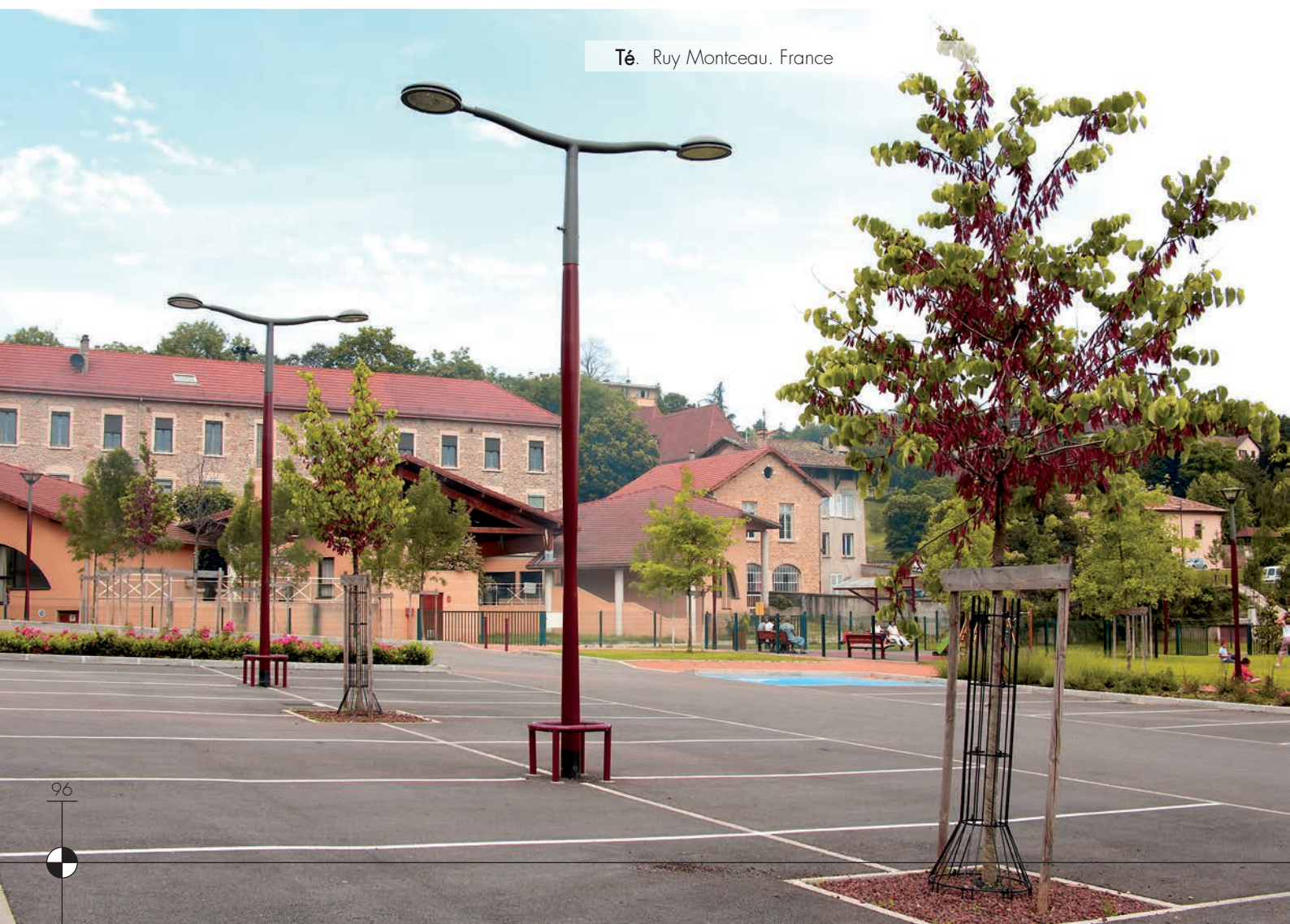
100% Aluminium range.
Height range : 6 to 10m.
Outreach 1.5 & 2m.

Specifications.

Elbow in AlSi7Mg Aluminium alloy.
Spun Aluminium 6060T5.














Té. Ruy Montceau. France





Té Top. le Poinçonnet. France

Té Dimensions

											
	Shaft height (m)	Top (mm)	Base (mm)	Space for coupling (mm)			Flange (mm)		Embedding (mm)		
				Height	Width	Distance	Internal dimensions	Bolt spacing	Width	Concrete	Ground
Té	4	90	150	500	85	400	65x85	200	270	600	800
	6	114	180	500	95	600	95x95	200	270	800	1000
	8	114	220	500	120	600	140x120	300	400	1000	1200
	9	114	250	500	120	600	160x120	300	400	1200	1500
	10	114	250	500	120	600	160x120	300	400	1200	1500

Lighting height = Shaft height + 0.15m. L= 1.0m.
 Lighting height = Shaft height + 0.25m. L= 1.5m.
 Lighting height = Shaft height + 0.35m. L= 2.0m.

Dimensions and technical information are indicative.
 Valmont reserves the right to modify, immediately and without notice, any technical or aesthetic specifications it deems necessary to improve Signature Collection products.

WHEN A STRUCTURAL ELEMENT BECOMES A FUNCTIONAL OBJECT...

The Ubik range rewrites the image of an H-shaped beam, using an extruded Aluminium profile.

This technological and aesthetic choice, which is deliberately industrial, makes meeting the different needs tied to site development easier.

The technical line of these products gives them a strong identity which can nonetheless fit in with any type of site according to the desired atmosphere.

It brings harmony to industrial sites and functional spaces and around contemporary buildings.

Its strong linearity can also have a structuring effect on more traditional spaces which might lack cohesion or have a problematic identity. Introducing it to a site full of History can also root the place in a new form of modernity and provide a link between past and present.

100% Aluminium range, incorporating 30% Recycled Aluminium.

Interfaces in AlSi7Mg Aluminium alloy.
Extruded Profiles Aluminium 6106T6.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0006.



NEW



Visual not contractual.

Ubik

| Ubik Top |

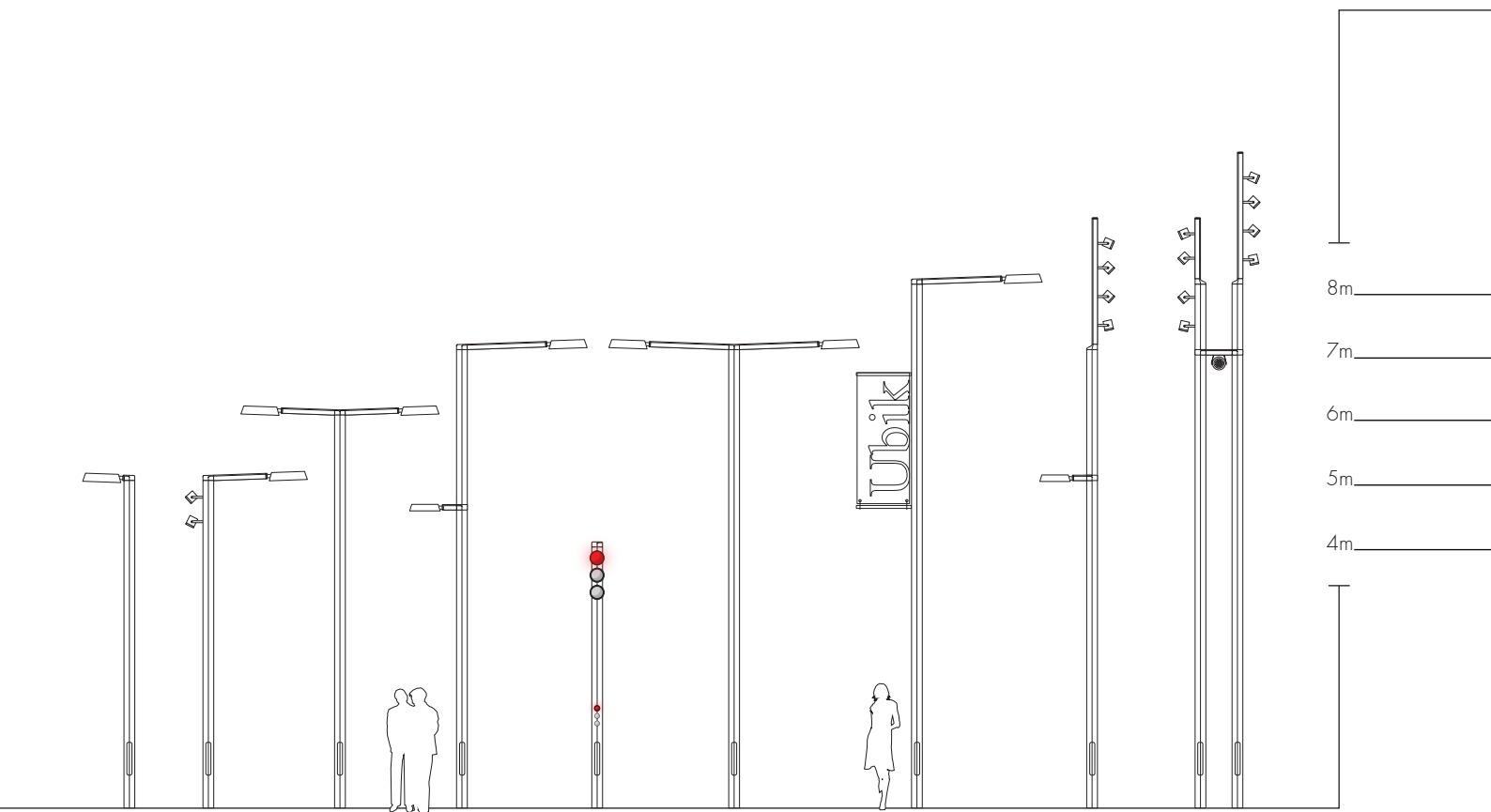
Description.

100% Aluminium range.
Height range : 5 to 6m.

Specifications.

Interfaces in AlSi7Mg Aluminium alloy.
Extruded profiles in Aluminium 6106T6.
Mechanical assembly without welding.





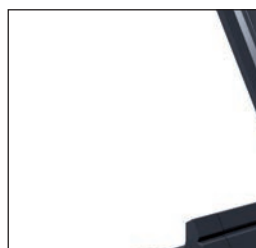
| Ubik |

Description.

100% Aluminium range.
Height range : 5 to 8m.
Outreach 0.8 to 1.2m.

Specifications.

Interfaces in AlSi7Mg Aluminium alloy.
Extruded profiles in Aluminium 6106T6.
Mechanical assembly without welding.



Ubik

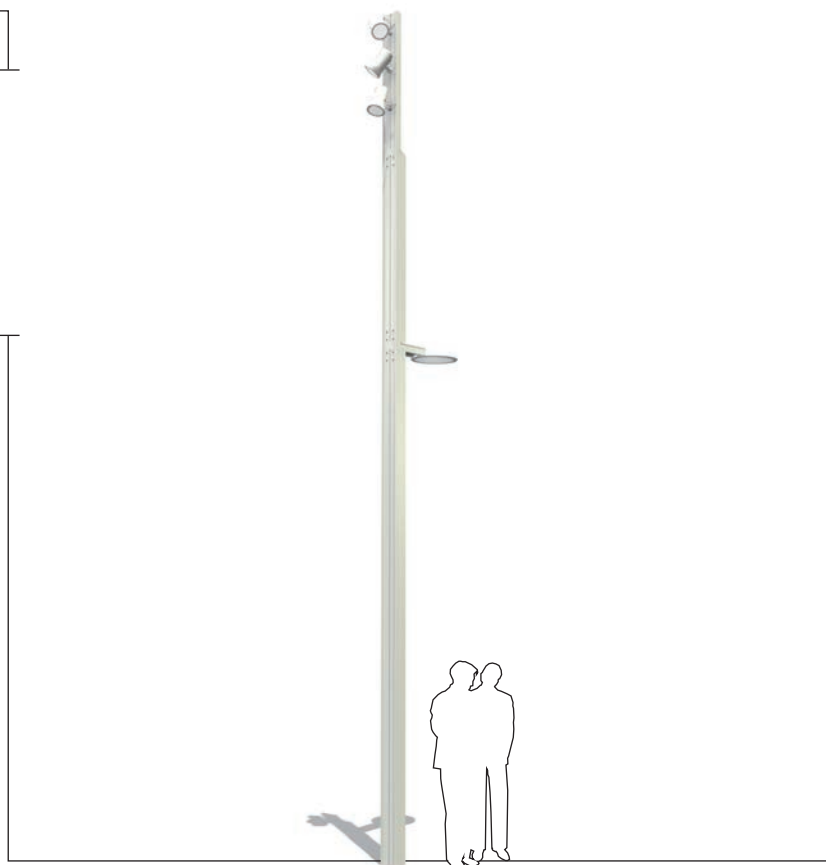
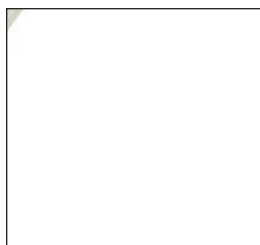
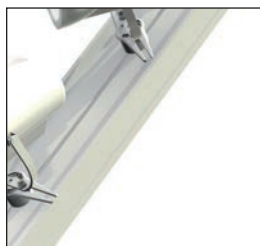
| Ubik Scenik |

Description.

100% Aluminium range.
Height range : 7 & 8m.
Extension 1 to 2m.

Specifications.

Interfaces in AlSi7Mg Aluminium alloy.
Extruded profiles in Aluminium 6106T6.
Mechanical assembly without welding.



Ubik Scenik.





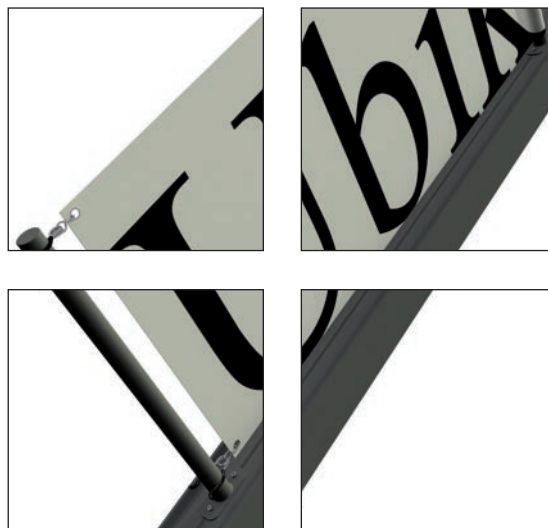
Ubik Banner Support

Description.

100% Aluminium range.
Installation height range : 4 à 6m.
Dimension maxi 0,8 x 2m.

Specifications.

Interfaces in AlSi7Mg Aluminium alloy.
Extruded profiles in Aluminium 6106T6.
Mechanical assembly without welding.



Ubik Dimensions



	Shaft height (m)	Outreach (m)	Top (mm)	Base (mm)	Space for coupling (mm)			Flange (mm)		
					Height	Width	Distance	Internal dimensions	Bolt spacing	Width
Ubik	5	0,8	60	160x180	500	80	500	80x120	300	400
	6	0,8	60	160x180	500	80	500	80x120	300	400
	7	1,2	60	160x180	500	80	500	80x120	300	400
	8	1,2	60	160x180	500	80	500	80x120	300	400

Ubik scenik, dimensions except extension.



Ubik extruded profiles are H-shaped, 160x180mm & 80x160mm with technical rails which allow for CuA19 Cupro-Aluminium Gibs and CHC-M8 Screws.

Dimensions and technical information are indicative.
Valmont reserves the right to modify, immediately and without notice, any technical or aesthetic specifications it deems necessary to improve Signature Collection products.

So-called "Residential" spaces form a part of urban fabric.

The buildings which make them up are on a smaller scale. Mankind, and more precisely its pedestrian dimension, is preponderant.

Development of these sites thus requires particular attention and therefore a complete range of furniture.

Development of these sites thus requires particular attention and therefore a complete range of furniture.

It is important for us to allow design teams access to different forms of expression adapted to this specific scale. The design of the ranges in the Signature Collection, described previously, include many variations of products in this scale, but implemented in the road space.

The Vertical Collection offers different forms of vocabulary exclusively thought out for this type of place. It intends to appeal to pedestrians and to give more consistency to a living place...

VerticalCollection

Ripple

WHEN A RIPPLE BECOMES STRUCTURAL...

Thanks to the wavy shape at the foot of the mast and depending on the weather, the type of coating and the angle of vision, the appearance of the mast changes subtly beneath our gaze.

Thus there is a kind of life clothing the space and catching our eye, bringing our attention back to the human scale and even inviting us to touch...

The smooth upper portion, which tempers the curves at the base, along with the general tapered cylindrical outline is made to lighten the column's presence whilst conserving the necessary mechanical qualities.

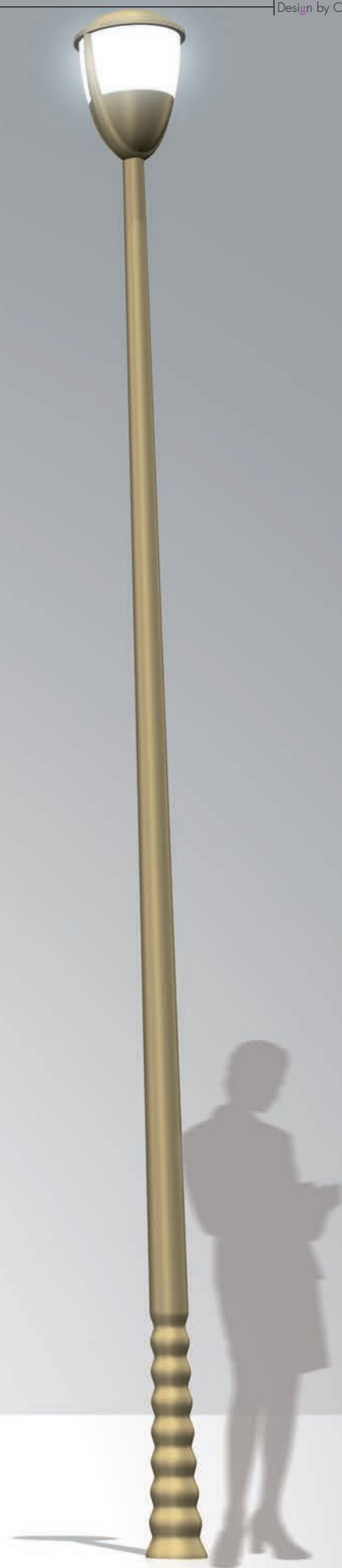
100% Aluminium range, incorporating 30% Recycled Aluminium.

Aluminium 6060T5.
Spun by cold tapering.
Spigot in AlSi7Mg Aluminium alloy.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0005.



NEW



Visual not contractual.

Ripple

| Ripple |

Description.

100% Aluminium range.

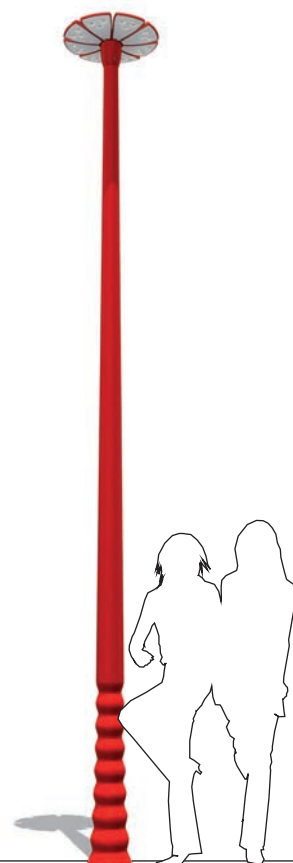
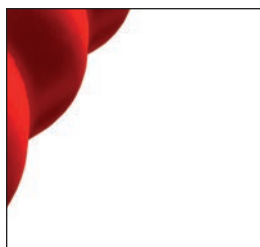
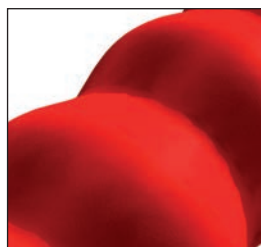
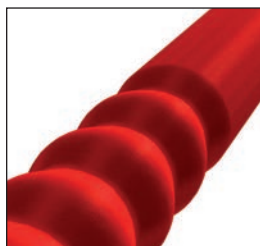
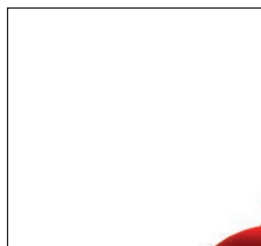
Height range : 4 to 6m.

Diameter top : 75mm.

Specifications.

Spigot Ø75/60mm in AlSi7Mg Aluminium alloy.

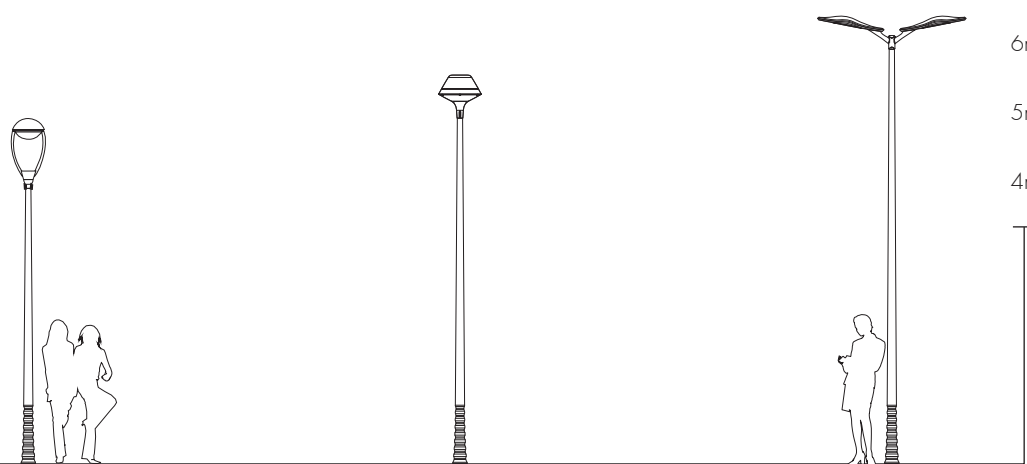
Spun Aluminium 6060T5.














Ripple.



Ripple Dimensions



											
	Shaft height (m)	Top (mm)	Base (mm)	Space for coupling (mm)			Flange (mm)		Embedding (mm)		
				Height	Width	Distance	Internal dimensions	Bolt spacing	Width	Concrete	Ground
Ripple	4	75	210	400	75	1000	75x75	300	400	600	800
	5	75	210	400	75	1000	75x75	300	400	600	800
	6	75	210	400	75	1000	75x75	300	400	800	1000

Dimensions and technical information are indicative.

Valmont reserves the right to modify, immediately and without notice, any technical or aesthetic specifications it deems necessary to improve Vertical Collection products.

Symbio

WHEN TWO ELEMENTS ENTER INTO SYMBIOSIS...

Initially, its unusual outline catches the gaze and overturns habitual references. The classical tapered cylinder is forgotten, giving way to a non-regular modulation of the conical form.

On a closer scale the object can be read differently. This Collection aimed at passers-by makes a game of superposing two Fluoformed Aluminium symbionts, bringing life to a subtle bas-relief.

This unostentatious scenery plays with daylight and the changing shadows it projects, enlivening the space and breaking the monotonous rhythms. It catches our eye, bringing our attention back to human scale and even inviting us to touch...

100% Aluminium range, incorporating 30% Recycled Aluminium.

Aluminium 6060T5.
Spun by cold tapering.
Spigot in AlSi7Mg Aluminium alloy.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0005.





| Design by Chris Waitzman-Valmont |

NEW

Visual not contractual.

111

Symbio

| Symbio |

Description.

100% Aluminium range in two parts.

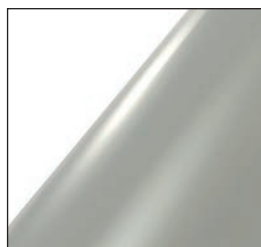
Height range : 4 to 6m.

Diameter top : 75mm.

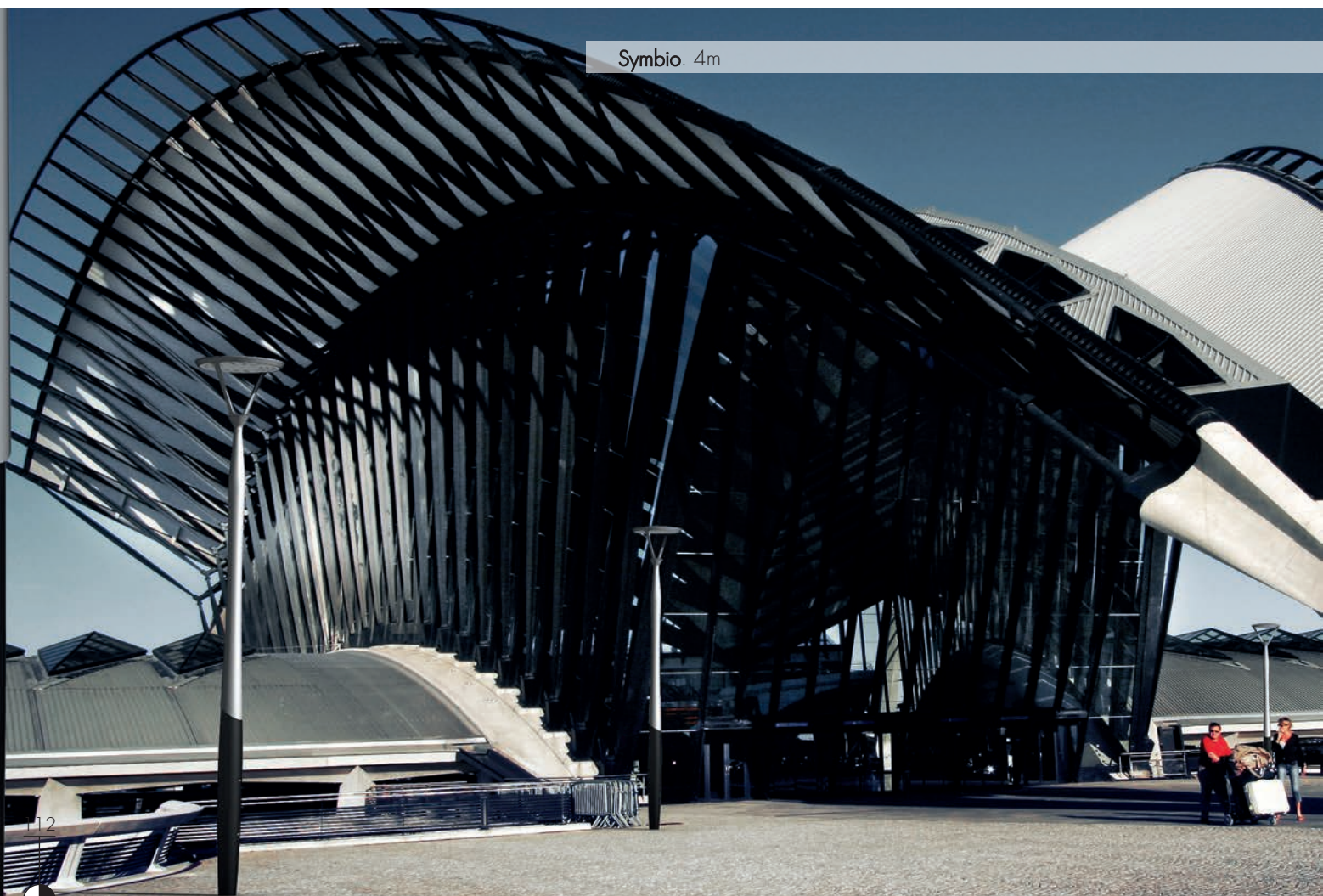
Specifications.

Spigot Ø75/60mm in AlSi7Mg Aluminium alloy.

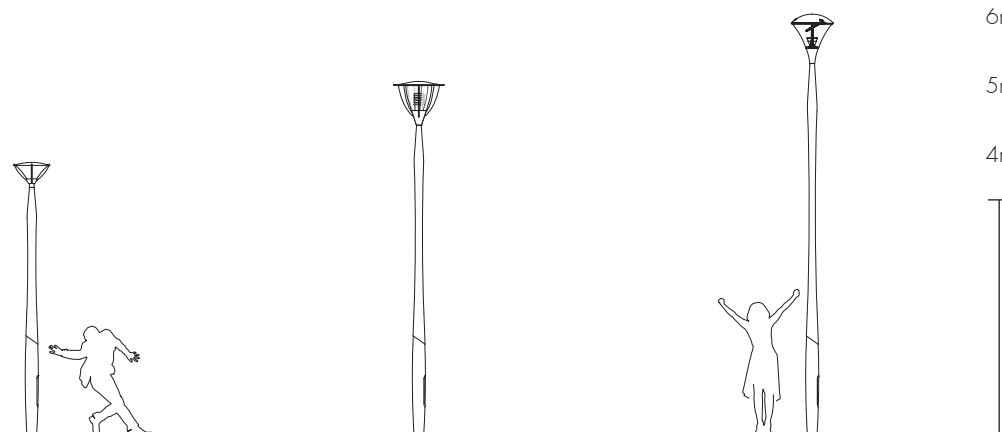
Spun Aluminium 6060T5.



Symbio. 4m



Symbio Dimensions



	Shaft height (m)	Top (mm)	Base (mm)	Space for coupling (mm)			Internal dimensions	Flange (mm)		Embedding (mm)	
				Height	Width	Distance		Bolt spacing	Width	Concrete	Ground
Symbio	4	75	150	500	115	500	110x130	300	400	600	800
	5	75	150	500	115	500	110x130	300	400	600	800
	6	75	150	500	115	500	110x130	300	400	800	1000

Dimensions and technical information are indicative.

Valmont reserves the right to modify, immediately and without notice, any technical or aesthetic specifications it deems necessary to improve Vertical Collection products.

Candella

WHEN A CANDELSTICK TRANSFORMS INTO FURNITURE...

Candlelight, and candlesticks even more so, are commonly only used in the private sphere. We were therefore interested in working on a more classically-inspired residential Collection based on this theme. This is how the Candella line was born.

Its layered base is a distant reminder of classic cast-iron mast shapes, offset by its clean contemporary lines.

The shadows deployed by these curves enliven the lamp post's line and give the passer-by a different interpretation of the object.

100% Aluminium range, incorporating 30% Recycled Aluminium.

Aluminium 6060T5.
Spun by cold tapering.
Spigot in AlSi7Mg Aluminium alloy.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0005.



NEW



Visual not contractual.

Candella

| Candella |

Description.

100% Aluminium range.
Height range : 4 to 6m.
Diameter top : 75mm.

Specifications.

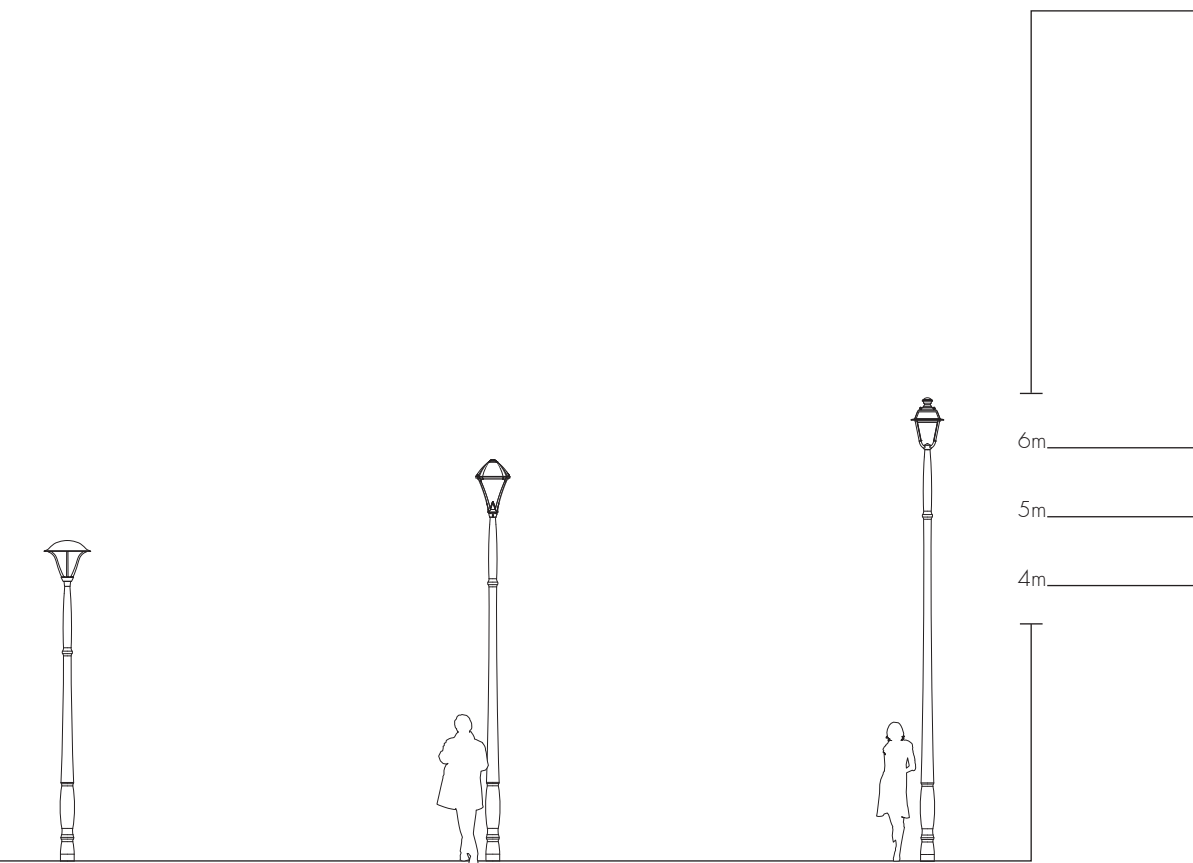
Spigot Ø75/60mm in AlSi7Mg Aluminium alloy.
Spun Aluminium 6060T5.



Candella. 4m



Candella Dimensions



	Shaft height (m)	Top (mm)	Base (mm)	Space for coupling (mm)			Internal dimensions	Flange (mm)		Embedding (mm)	
				Height	Width	Distance		Bolt spacing	Width	Concrete	Ground
Candella	4	75	200	450	120	550	110x130	300	400	600	800
	5	75	200	450	120	550	110x130	300	400	600	800
	6	75	200	450	120	550	110x130	300	400	800	1000

Dimensions and technical information are indicative.

Valmont reserves the right to modify, immediately and without notice, any technical or aesthetic specifications it deems necessary to improve Vertical Collection products.

Diva²

WHEN GENEROUS CURVES FLOW...

The Diva² range deploys its outlines harmoniously, like the curves of the 70's and the figure-hugging mermaid dresses of the era.

The slimness at its base heightens the generous shapes halfway up and invites the eyes to take a stroll.

This roundness is the only eccentric element of this mast, which elsewhere plays on utter simplicity. This clean design confers a sophisticated character, simple and timeless. It can contribute to a classy atmosphere on a site.

100% Aluminium range, incorporating 30% Recycled Aluminium.

Aluminium 6060T5.
Spun by cold tapering.
Spigot in AlSi7Mg Aluminium alloy.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0005.





Visual not contractual.

Diva²

| Diva² |

Description.

100% Aluminium range.

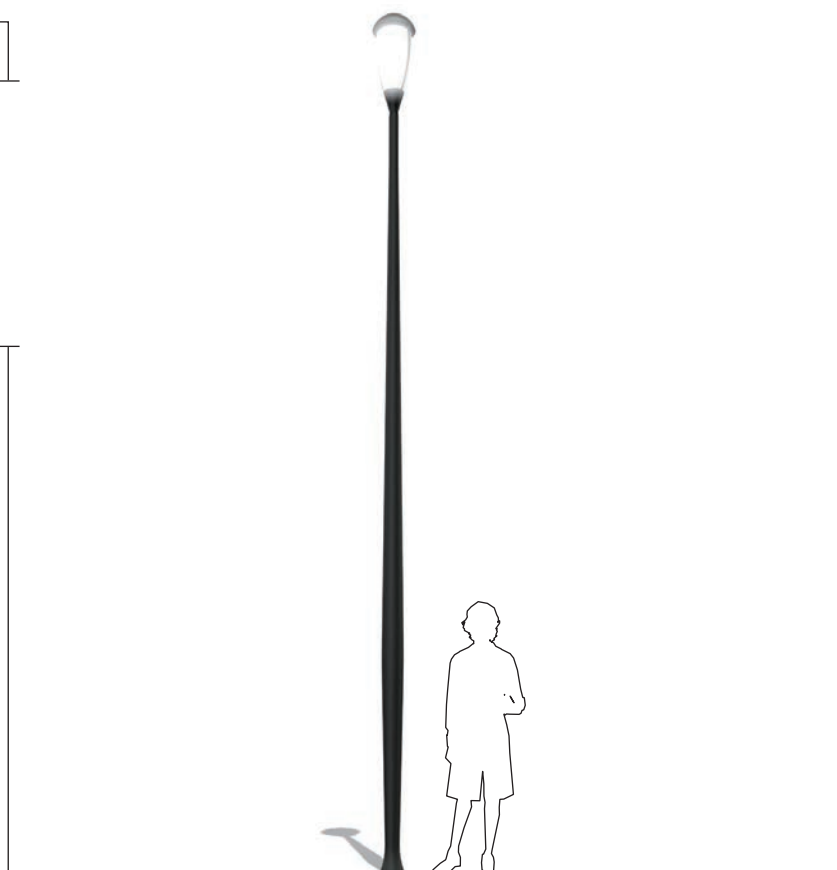
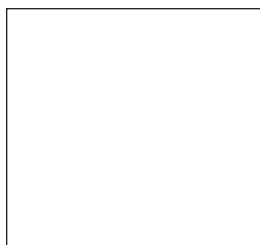
Height range : 4 to 6m.

Diameter top : 75 & 60mm.

Spécifications.

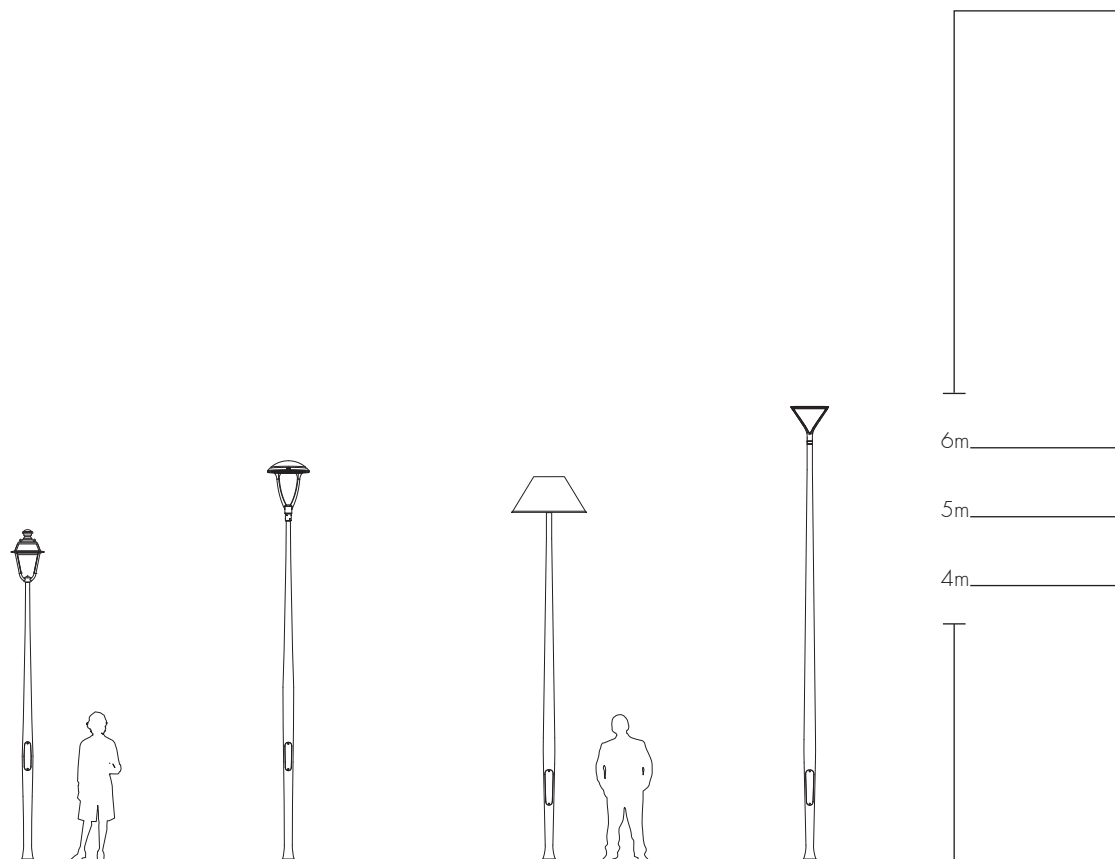
Spigot Ø75/60mm in AlSi7Mg Aluminium alloy.

Spun Aluminium 6060T5.



Diva. Feins. France

| Diva² Dimensions |



	Shaft height (m)	Top (mm)	Base (mm)	Space for coupling (mm)			Internal dimensions	Bolt spacing	Width	Embedding (mm)	
				Height	Width	Distance				Concrete	Ground
Diva ²	4	60	165	400	92	1300	92x90	200	270	600	800
	5	60	165	400	92	1300	78x90	200	270	600	800
	6	60	165	400	92	1300	78x90	200	270	800	1000
	4	75	180	500	102	800	82x100	200	270	600	800
	5	75	180	500	102	800	82x100	200	270	600	800
	6	75	180	500	102	800	82x100	200	270	800	1000

Dimensions and technical information are indicative.

Valmont reserves the right to modify, immediately and without notice, any technical or aesthetic specifications it deems necessary to improve Vertical Collection products.

Fluance

WHEN AN ARCH CURVES URBAN SPACE...

The Fluance arch plays with the simplest interpretation of the plant theme, that of the blade of grass.

If this lamp post is used in a classical way, the repetition of its slim curves along a small road or footpath can be a play on the idea of the vault. The choice of the right shape of lantern can be used to reinforce this idea. Setting it up in peri-urban developments will create a link between the town and its natural surroundings.

Just like wind in the grass, a more random working of these lines could make a development more dynamic and break with the monotony of more classical arrangements.

100% High-Strength Steel range, incorporating 30% Recycled Steel.

High-Strength Steel S420.
No Visible Welded.
Made by cold bending.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0004.





Visual not contractual.

Fluance

| Fluance |

Description.

100% Steel range.

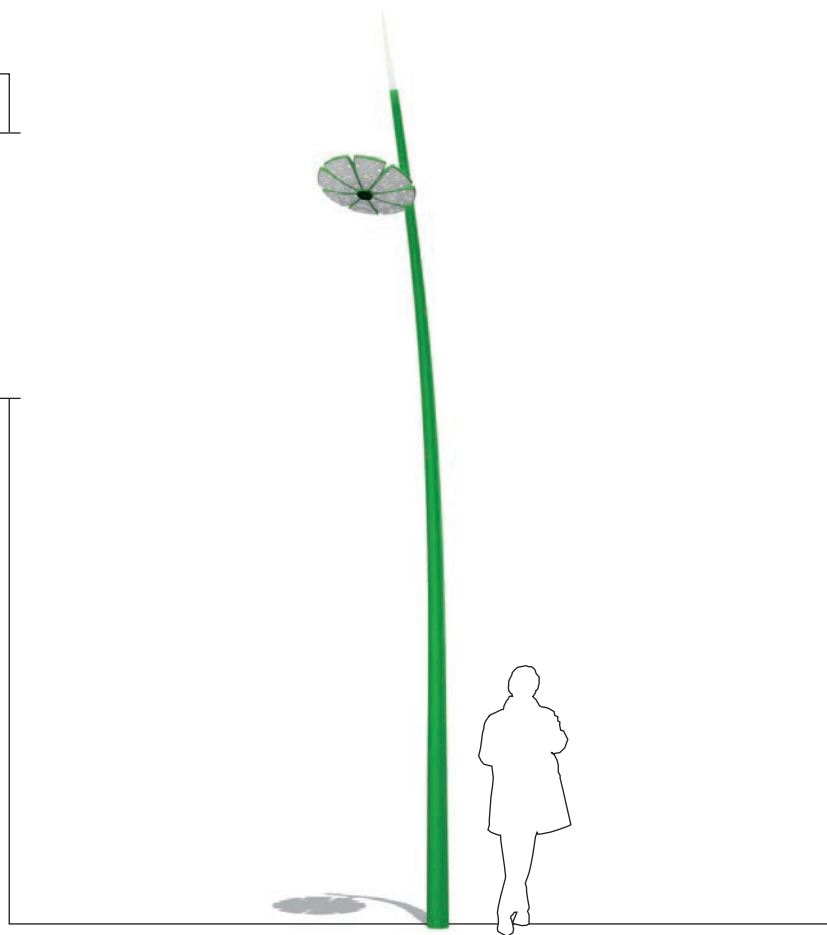
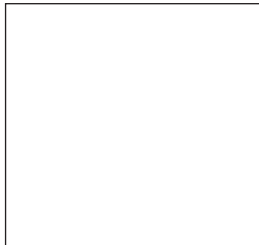
Height range : 4,5 to 12m.

Specifications.

HLE Steel S420.

No Visible Welded.

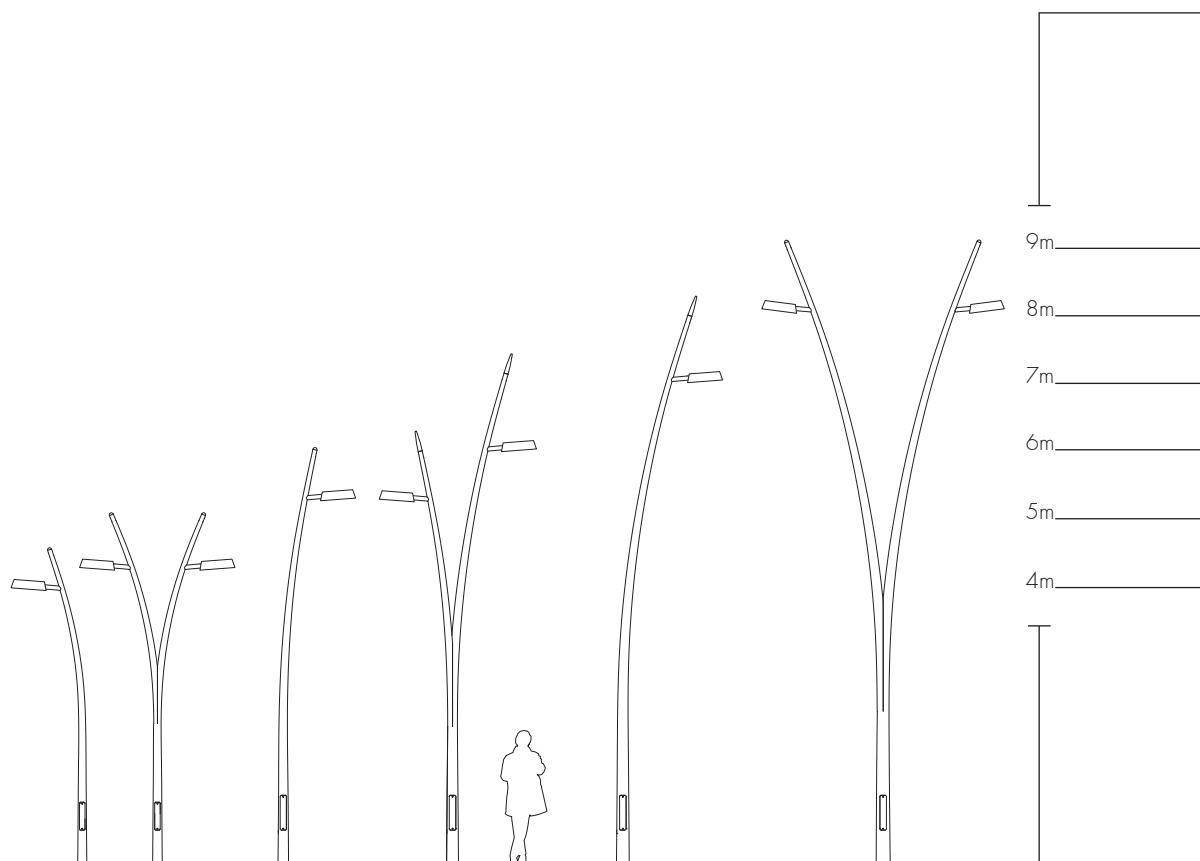
Made by cold bending.



Fluance. Stockholm. Sweden



Fluance Dimensions



	Shaft height (m)	Outreach (m)	Top (mm)	Base (mm)	Space for coupling (mm)				Flange (mm)		Embedding (mm)	
					Height	Width	Distance	Internal dimensions	Bolt spacing	Width	Concrete	Ground
Fluance	4.5	0.47	60	130	400	75	500	65x70	200	271	600	800
	5	0.66	60	138	400	75	500	74x70	200	271	600	800
	6	0.45	60	151	500	85	500	82x90	300	412	800	1000
	7	0.77	60	170	500	90	500	100x90	300	412	1000	1200
	8	0.97	60	183	500	90	500	115x90	300	412	1000	1200
	9	1.31	60	202	500	90	500	135x90	300	412	1200	1500
	10	1.47	60	215	500	90	500	139x90	300	412	1200	1500
	11	1.75	60	238	500	100	500	157x100	300	400	1500	1700
12	1.95	60	257	500	105	500	175x100	300	400	1500	1700	

Options :

Luminous spike O'light².

Dimensions and technical information are indicative.

Valmont reserves the right to modify, immediately and without notice, any technical or aesthetic specifications it deems necessary to improve Vertical Collection products.

Fluance

Fluance. Boufféré. France



Fluance. Saint Rémy en Rollat. France



Fluance. Hauterive. France



CityQuartz



WHEN TIMELESS BECOMES CONTEMPORARY...

With the idea of staying on the human scale and making a virtual bas-relief as the main theme for a walk, CityQuartz goes back to the style of the Doric columns of ancient Greek architecture

These 16 flutes which make up the mast section play with the light of day and night, giving depth to the object.

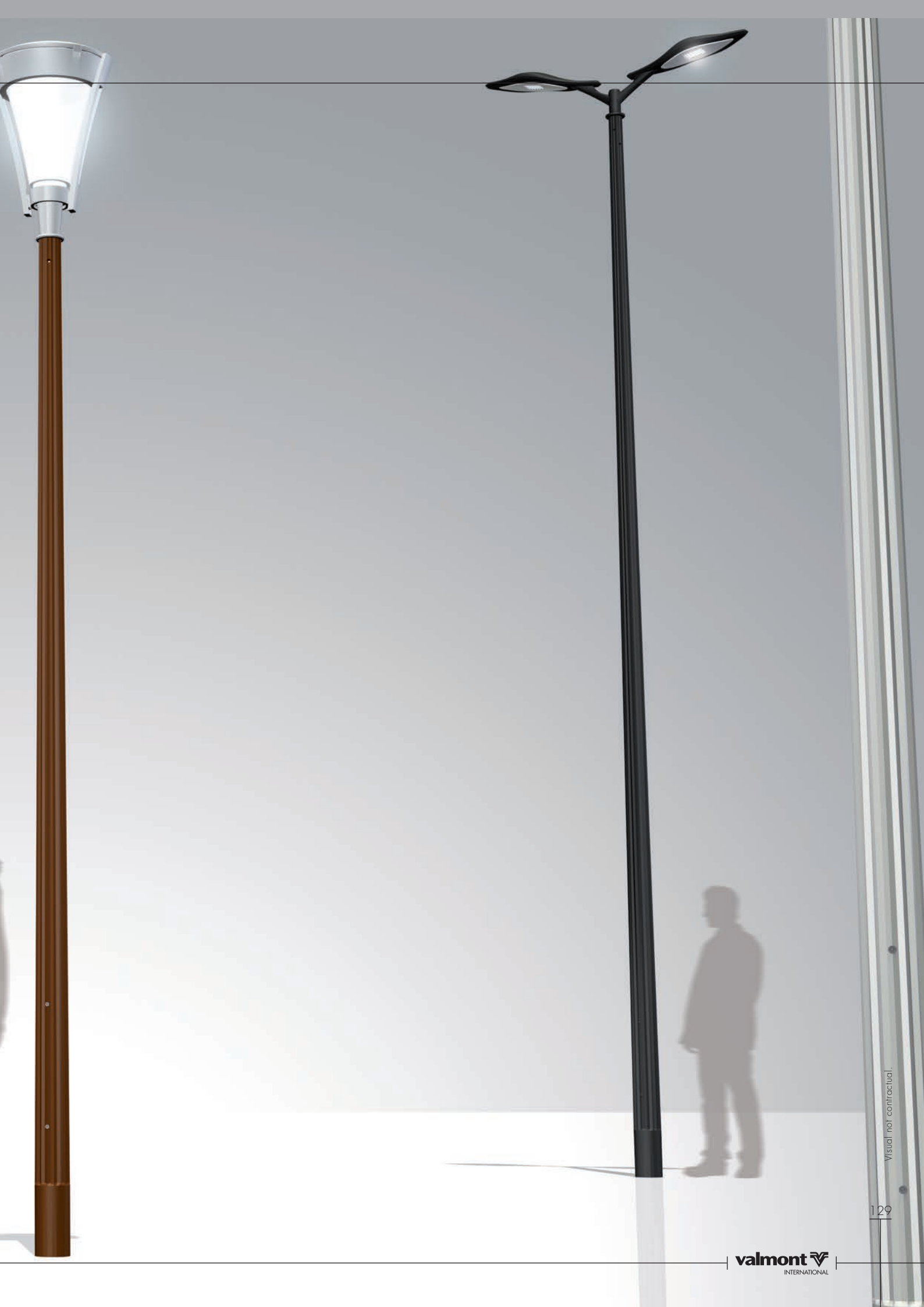
As well as adding a touch of refinement to the pole, the details at the foot of the mast and the washer at the top have been designed to facilitate the interface with the ground and the lamp.

Its end style will depend on the choice of association with the lamp and will oscillate between the classical and a contemporary style, marked with great presence to blend into different worlds...

ASTM A595A Steel.
Electric Resistance Welding.
Flutes made by cold rolling.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0003.





Visual not contractual.

CityQuartz

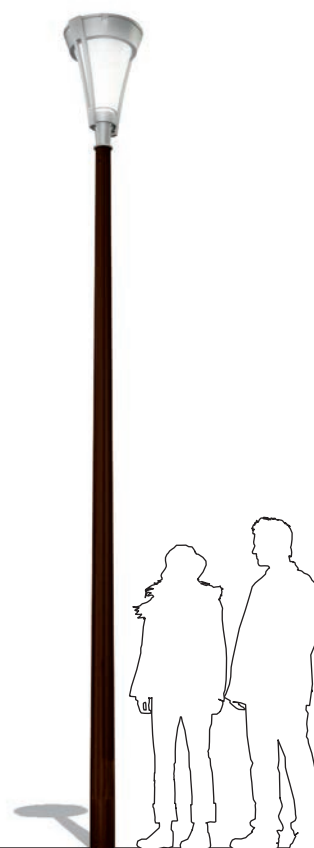
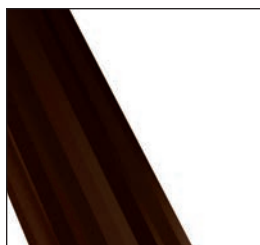
| CityQuartz |

Description.

100% Steel range.
Height range : 4 to 9m.
16 flutes.

Specifications.

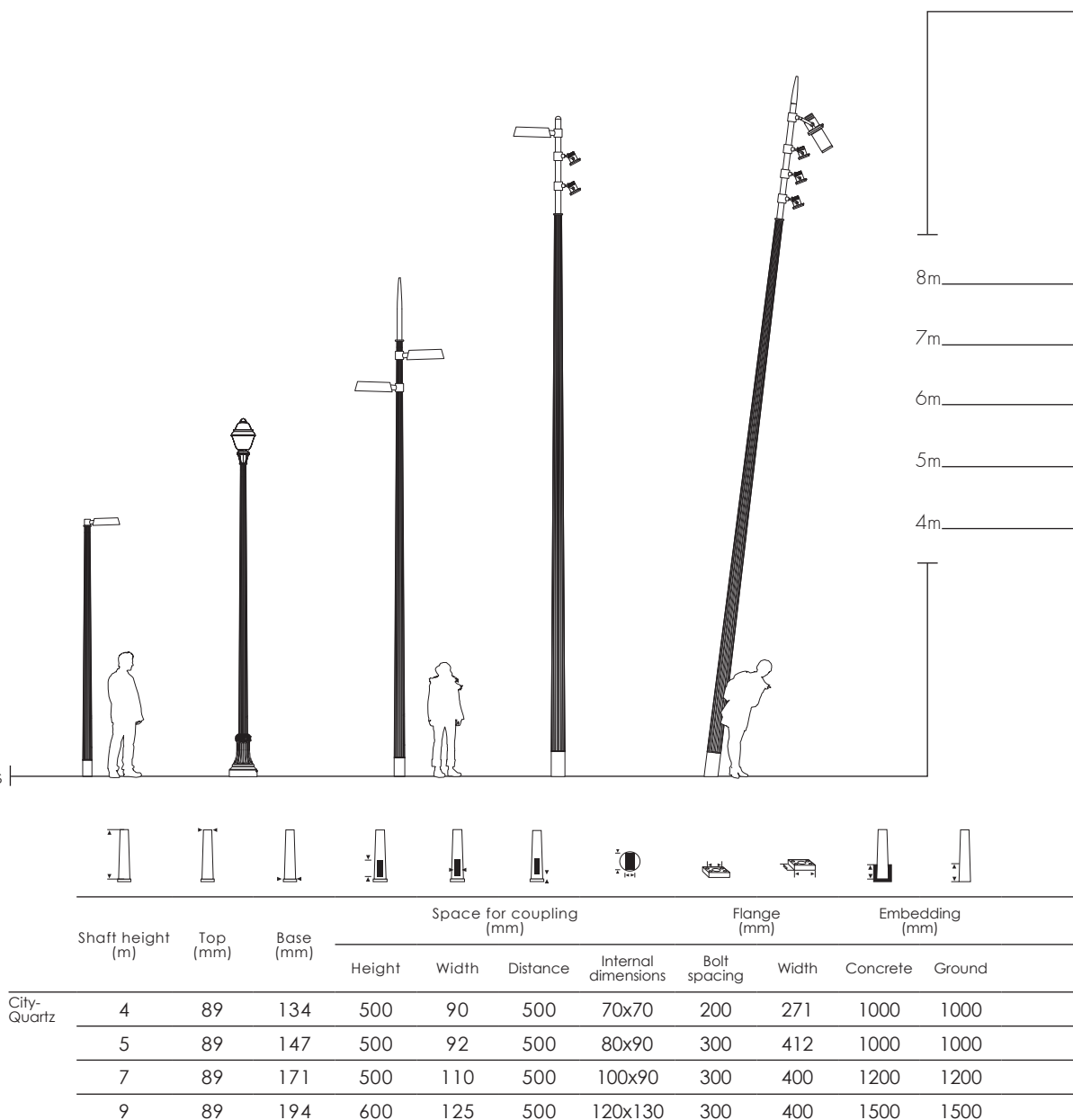
ASTM A595A Steel.
Electric Resistance Welding. (ERW)
Constant linear tapering 11,7mm/m.



CityQuartz. Charmeil. France



CityQuartz Dimensions



CityQuartz is produced by cold rolling on a tempered steel precision mandrel to give it its 16 flutes, like the Doric columns in ancient Greek architecture.

Dimensions and technical information are indicative.
Valmont reserves the right to modify, immediately and without notice, any technical or aesthetic specifications it deems necessary to improve Vertical Collection products.

Anthéa

WHEN A SKITTLE DRESSED SPACE WITH CHARACTER....

The simple swirls of the Anthéa range fit into a lineage of contemporary masts known as "classical", distantly derived from traditional cast-iron masts.

Its specific form, characterised by a cylindrical base, takes inspiration from skittles stability to fully contribute to the resistance of the mast at greater heights. For that reason, this range, conceived above all for residential areas, also contains column models over 6m tall, as well as smaller decorative structures.

Widening the range makes it possible to have coherent furniture on incoming roads and in wider spaces such as squares, car parks, sports grounds: places on a slightly larger scale interwoven in these areas or on their outskirts...

100% Aluminium range, incorporating 30% Recycled Aluminium.

Aluminium 6060T5.
Spun by cold tapering.
Spigot in AlSi7Mg Aluminium alloy.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0005.





Visuali non contrattuali.

Anthéa

| Anthéa |

Description.

100% Aluminium range.

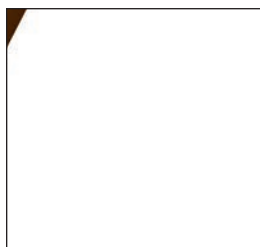
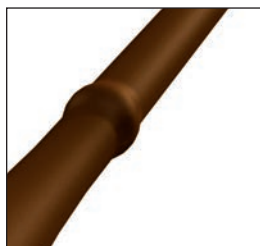
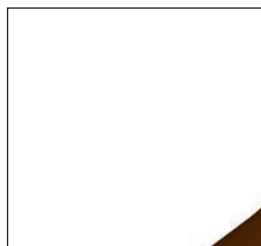
Height range : 3.5 to 9m.

Diameter top : 75 & 60mm.

Specifications.

Spigot Ø75/60mm in AlSi7Mg Aluminium alloy.

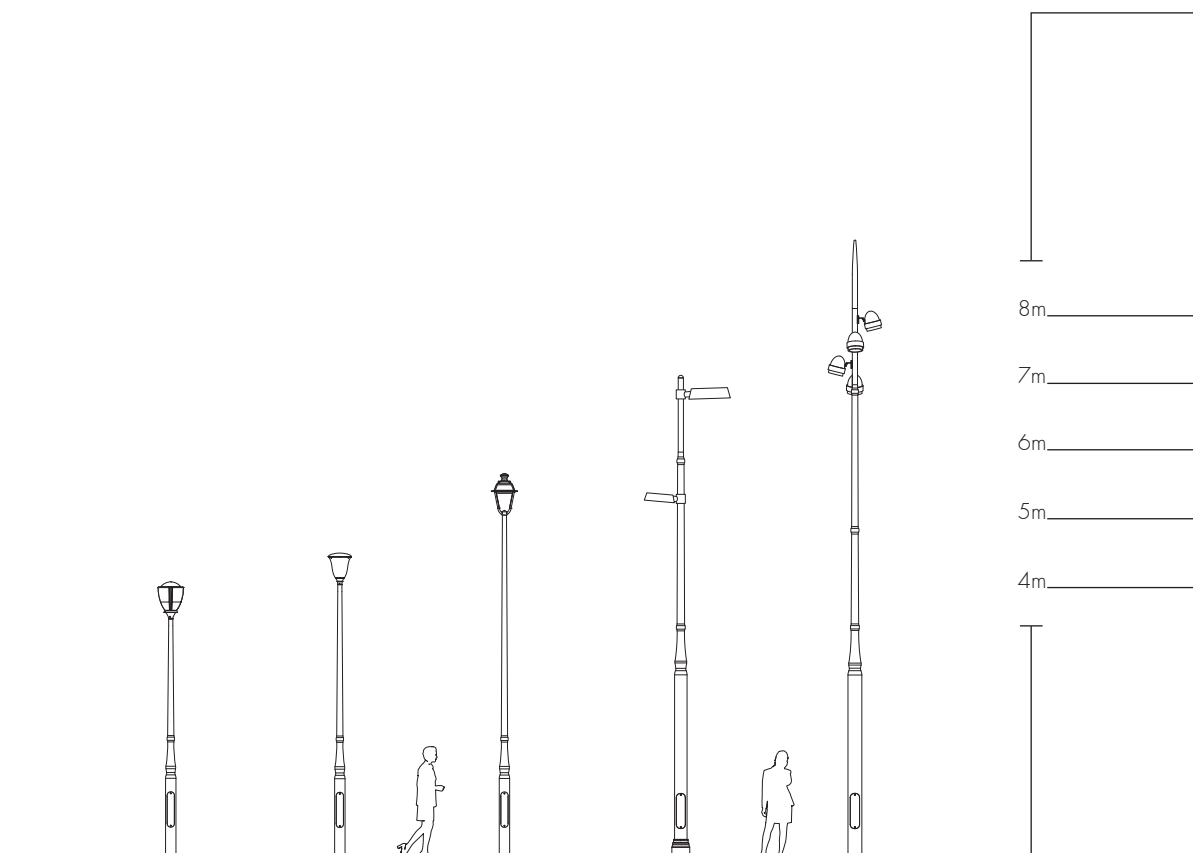
Spun Aluminium 6060T5.



Anthéa. France



Anthéa Dimensions



	Shaft height (m)	Top (mm)	Base (mm)	Space for coupling (mm)			Internal dimensions	Bolt spacing	Width	Embedding (mm)	
				Height	Width	Distance				Concrete	Ground
Anthéa	3,5	60	150	500	95	600	85x95	200	270	600	800
	4	60	150	500	95	600	85x95	200	270	600	800
	4,5	60	150	500	95	600	85x95	200	270	600	800
	5	60	150	500	95	600	85x95	200	270	600	800
	6	75	180	500	120	500	106x120	300	400	800	1000
	7	75	180	500	120	500	106x120	300	400	1000	1200
	8	75	200	500	120	500	125x120	300	400	1000	1200
	9	75	200	500	120	500	125x120	300	400	1200	1500

Dimensions and technical information are indicative.

Valmont reserves the right to modify, immediately and without notice, any technical or aesthetic specifications it deems necessary to improve Vertical Collection products.

The urban fabric is made up of a wide variety of spaces.

Squares, Roundabouts, Verges, Wide pedestrian avenues... are all spaces which favour theatrical lighting.

This need which is felt when developing as well as the often contained nature of these places have made it necessary to dream up appropriate furniture, where structural constraints are an obvious part of the thinking.

Three different lines, premises of future developments, are presented in the Scenography Collection.

Scenography

Collection

VriPod

WHEN A TRIPOD TWISTS INTO SPACE...

The aim of this line of theatrical columns was to work around transparency, without forgetting the very technical aspects of this style of lighting. The mast must be adaptable to facilitate the mounting of many different types of projectors, at various heights and with different lighting angles, all the while putting its stamp on the space without the usual heavy technical vocabulary.

This range's characteristic twisting structure is doubly interesting. It imprints itself lightly and transparently on the space, giving it structure in the daytime. And at night, its structure is bathed in light, offering a different interpretation of the object and the place. It is even possible to imagine different lighting scenarios on the column itself, or even creating an environment...

100% High-Strength Steel range, incorporating 30% Recycled Steel.

S235 Steel.
AlSi7Mg Aluminium alloy half collars.

The range has been conceived and developed in accordance with Eurocode standards, parts 1 & 3



NEW



Visual not contractual.

VriPod

| VriPod |

Description.

100% Steel range.

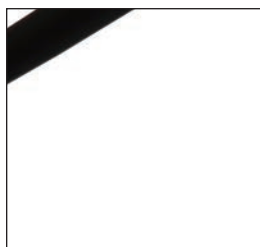
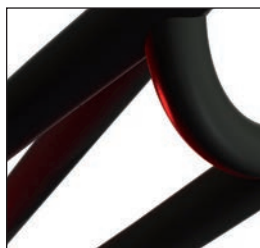
Height range : 8.25 to 12.25m.

Specifications.

AlSi7Mg Aluminium alloy half collars.

S235 Steel arched tubular helicoids, Ø76mm.

Tubular S235 Steel terminal.



VriPod. 8m



VriPod Dimensions



	Shaft height (m)	Top (mm)	Base (mm)	Space for coupling (mm)			Internal dimensions	Flange (mm)		Embedding (mm)	
				Height	Width	Distance		Bolt spacing	Width	Concrete	Ground
VriPod	8.25	300	300	600	110	500	100x110	300	400	1000	1200
	10.25	330	330	600	110	500	110x125	350	450	1200	1500
	12.25	360	360	600	110	500	110x150	400	550	1500	1700

VriPod, dimensions given for poles + top-cover.

The VriPod range can be fitted out with different types of projector stands according to needs.
Bosses, Rings, Eliss...

Dimensions and technical information are indicative.
Valmont reserves the right to modify, immediately and without notice, any technical or aesthetic specifications it deems necessary to improve Scenography Collection products.

Grappa

WHEN A NEEDLE POINTS UP TO THE SKY...

The key words of the Grappa line are discretion and conformism. This range takes up the traditional simple tapered-cylinder formal code, whose outline has been extended to a point with dimensions in keeping with the use of multiple projectors.

Due to its common and all-purpose shape, the only possible way of personalising the product in keeping with the project and its environment will be to incline it and in doing make the arrangement more dynamic in breaking away from the building profile, and above all the chosen surface. The shade or transfer chosen for the product on this project therefore takes on great importance. The presence or total discretion of the product on the site and its cohesion or assertion in relation to existing structures will depend on this choice.

100% Mixed furniture, Steel incorporating 25% Recycled Steel and Aluminium incorporating 30% Recycled Aluminium.

S420 & S355 Steel.
Spike in AlSi7Mg Aluminium alloy.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0003.





Visual not contractual.

Grappa

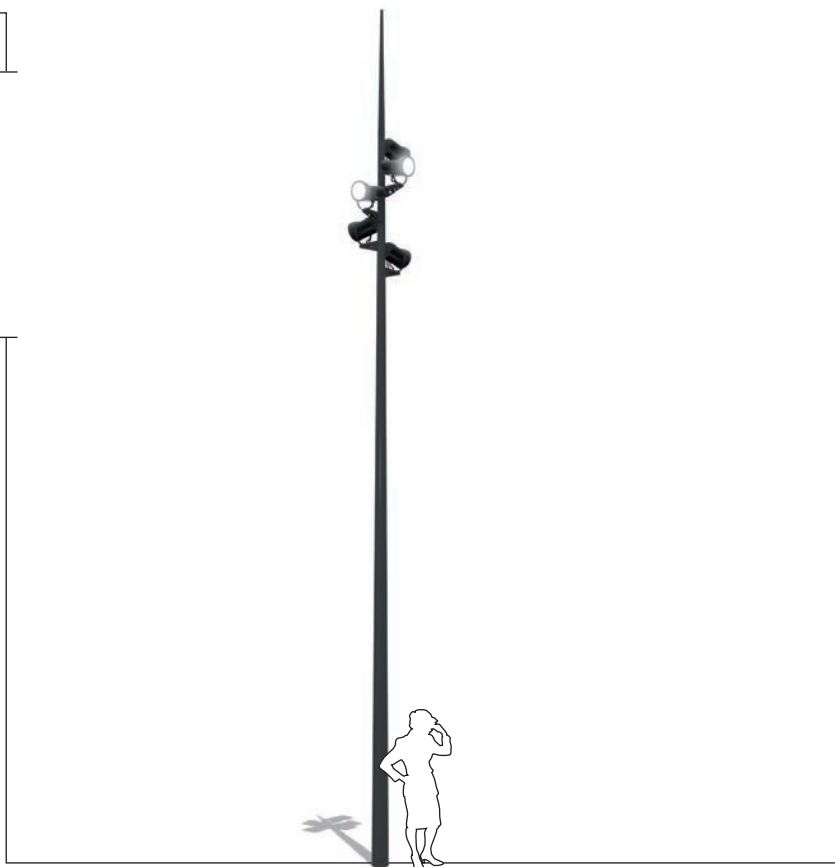
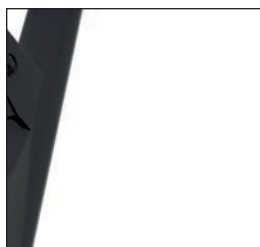
| Grappa |

Description.

100% Mixed range.
Height range : 8 to 12m.

Specifications.

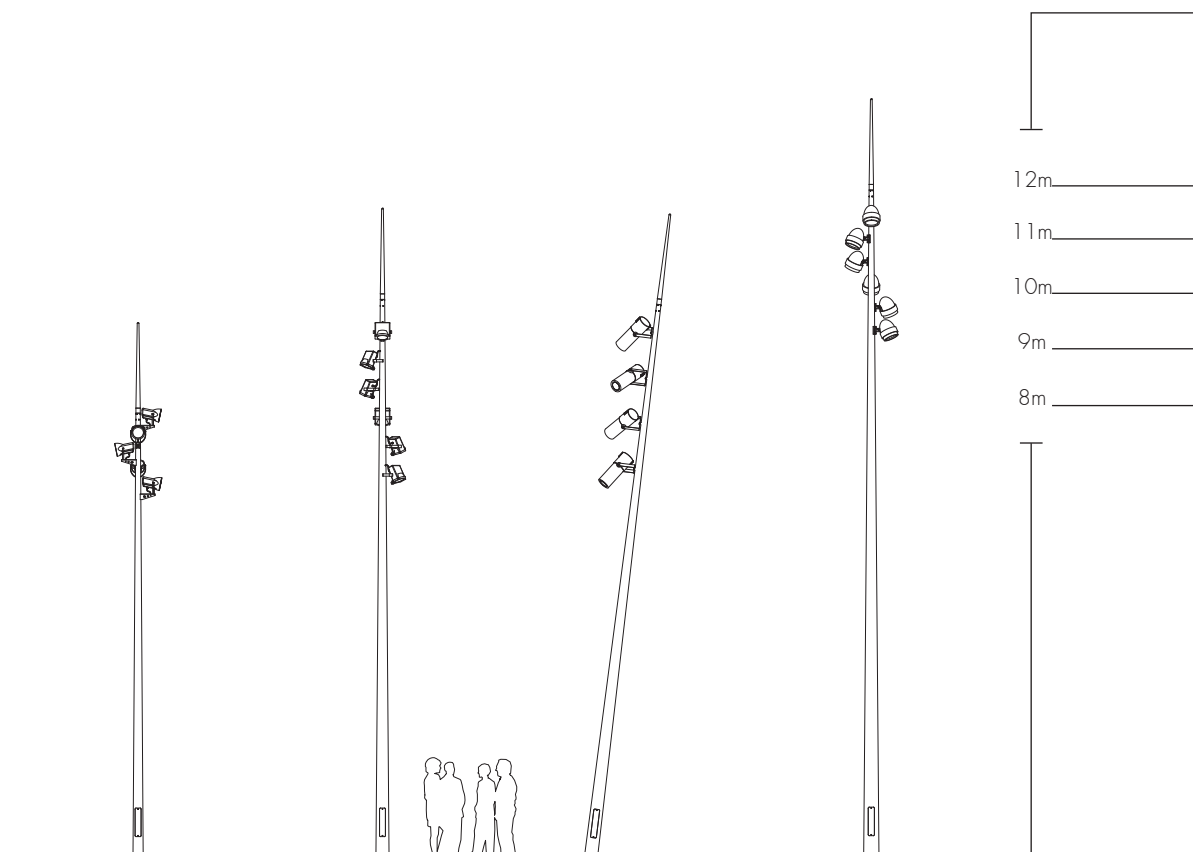
Spike in AlSi7Mg Aluminium alloy. Length 1.5m.
S420 & S355 Steel.
No Visible Welded.



Grappa tilted. Strasbourg, France



Grappa Dimensions



	Shaft height (m)	Top (mm)	Base (mm)	Space for coupling (mm)			Internal dimensions	Bolt spacing	Flange (mm)	Embedding (mm)	
				Height	Width	Distance				Concrete	Ground
Grappa	8	75	200	500	90	500	133x90	300	412	1000	1200
	9	75	216	500	90	500	139x90	300	412	1200	1500
	10	75	232	500	100	500	158x100	300	412	1200	1500
	12	75	270	500	105	500	199x105	300	400	1500	1700

Grappa, dimensions given without spike.

The Grappa range can be fitted out with different types of projector stands according to needs.
Grappa Hooks, Bosses, Rings, Eliss...

Tilting max 7°.

Dimensions and technical information are indicative.
Valmont reserves the right to modify, immediately and without notice, any technical or aesthetic specifications it deems necessary to improve Scenography Collection products.

Flow

WHEN SOFT AND FORMAL BECOMES STRUCTURAL...

The aim of the Flow line is to present a model whose discrete elegance belies its innovative nature.

Fluoform treatment was used to shape the product into curves. The bevel-cut details in the upper part and the engraved details lower down play with the vanishing points in the surroundings and, along with the deck fittings, give a sophisticated air to the pole, allowing the aesthetic virtues of the product to erase its technical nature.

The spun extension prolongs the upper part of the pole and brings just the right amount of technology to the elegant projector hooks in order to fit in with the site's needs.

This line offers a way to change the perception of some industrial spaces, to soften and humanise them, whilst meeting scenographic needs.

100% Aluminium range, incorporating 30% Recycled Aluminium.

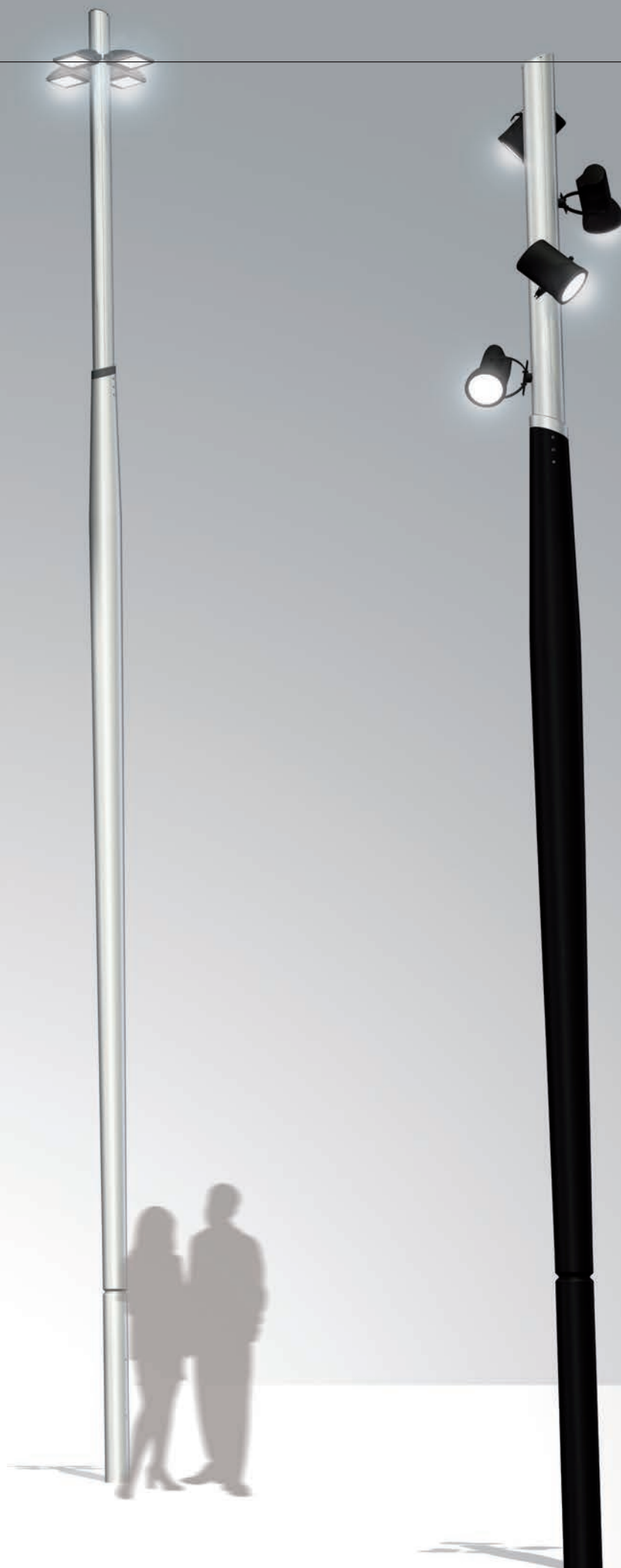
Interface & Obturateur alliage d'Aluminium AlSi7Mg.

Profile extruded Aluminium 6106T6.

Spun Aluminium 6060T5.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-00035





Flow

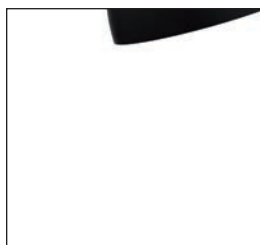
| Flow |

Description.

100% Aluminium range.
Height range : 8 to 12m.

Specifications.

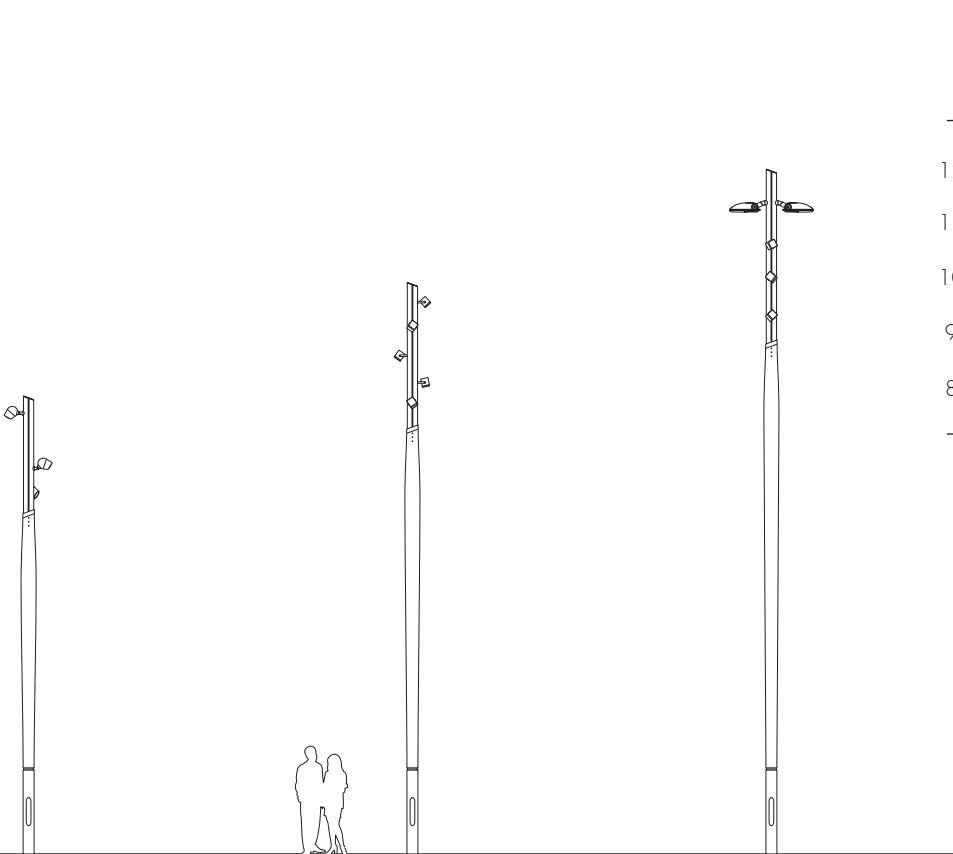
6106T6 extruded profile with 4 accessory rails.
AlSi7Mg Aluminium alloy Interface and Cap.
Spun Aluminium 6060T5.



Flow. 8m.

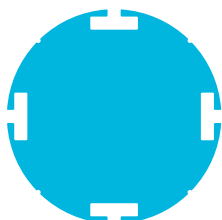


Flow Dimensions



	Shaft height (m)	Top (mm)	Base (mm)	Space for coupling (mm)			Internal dimensions	Bolt spacing	Width	Embedding (mm)	
				Height	Width	Distance				Concrete	Ground
Flow	8	180	180	500	120	500	106x120	300	418	1000	1200
	10	180	180	500	120	500	106x120	300	418	1200	1500
	12	180	180	500	120	500	106x120	300	418	1500	1700

Flow, dimensions given for poles + extension.



The **Flow** extruded profile has exterior circular section Ø180mm with 4 accessory rails which can take MD gibs made of CuAl19 Cupro-Aluminium and CHC-M8 Screws.

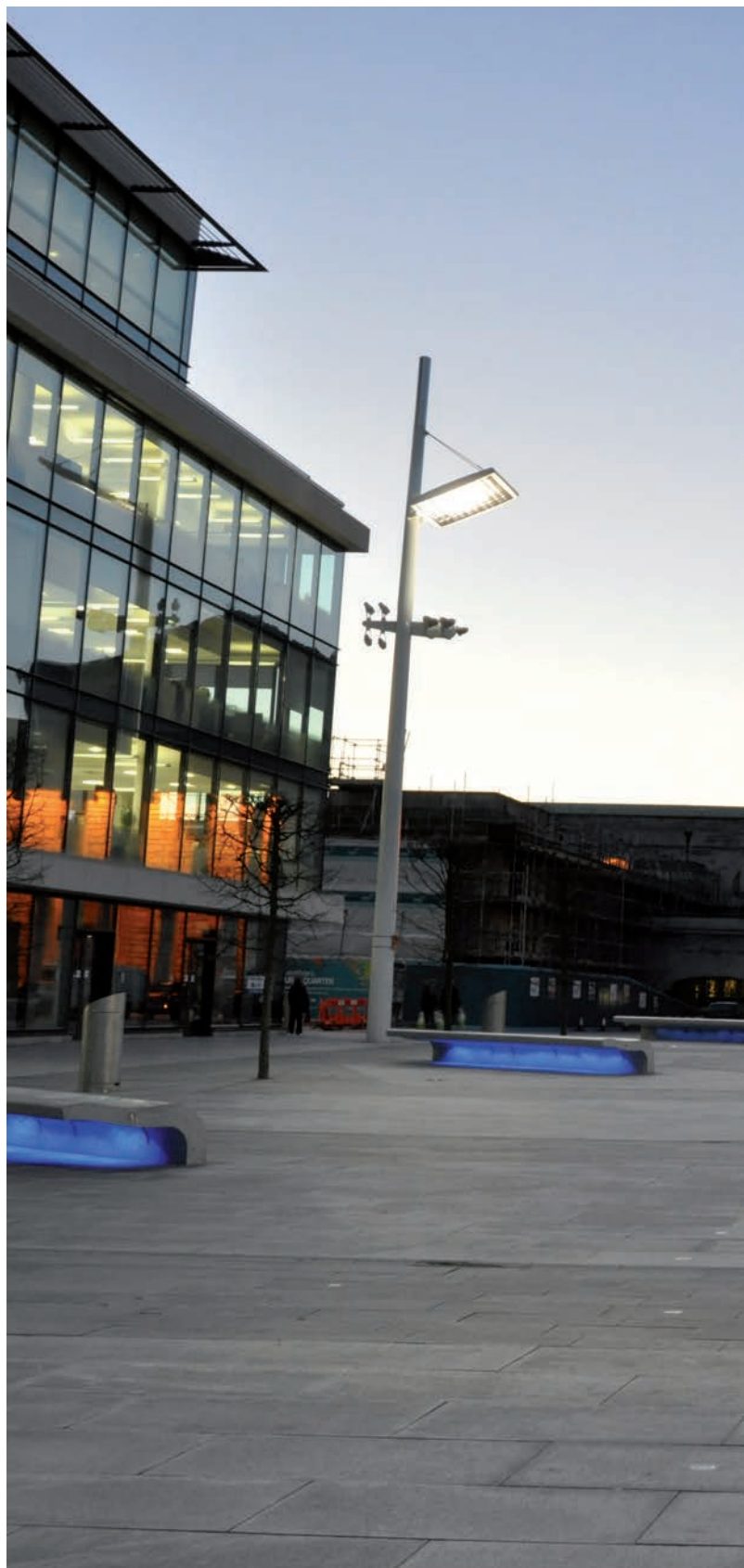
Dimensions and technical information are indicative.
Valmont reserves the right to modify, immediately and without notice, any technical or aesthetic specifications it deems necessary to improve Scenography Collection products.



the Custom+Made

Southampton

England



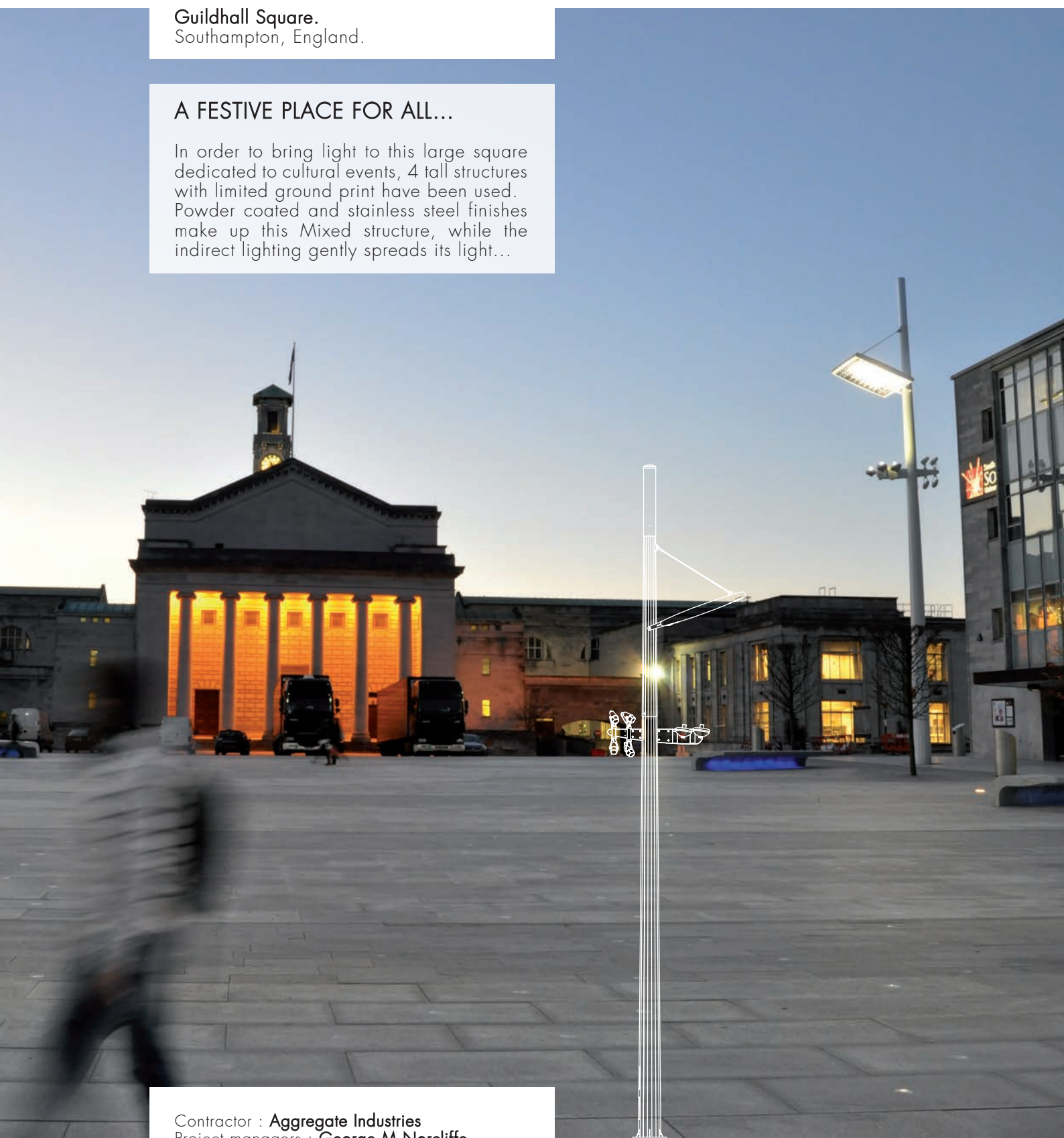
Description.
Sydney 16m HLE Steel.
Extension 2m Stainless Steel.
Height 18m.



Guildhall Square.
Southampton, England.

A FESTIVE PLACE FOR ALL...

In order to bring light to this large square dedicated to cultural events, 4 tall structures with limited ground print have been used. Powder coated and stainless steel finishes make up this Mixed structure, while the indirect lighting gently spreads its light...



Contractor : **Aggregate Industries**
Project managers : **George M Norcliffe**
Siteco & Jonathan Falls Aggregate Industries
Designer : **Rob Stone**
Company : **Aggregate Industries**

Photo Credits SITECO UK.



Description.
Polygonal pipe 12m S235 sSeel.
Lighting extension 6m.
Height 18m.



National Stadium.
Warsaw, Poland.

A MAGICAL ARCHITECTURE...

To host the Euro 2012 football championship, Poland built the most majestic sports complex in the country, illuminated by 9 beacons inspired by the architecture of the stadium...



Contractor : **Agat**
Project manager : **Agat**
Designer : : **Tomasz Zajac + Adrian Peski + Antoni Kiciak**
Lighting Designer : **Lichtvision**
Company : **Agat**

Photo Credits Piotr Tolwinski.



Description.
Bipode Trisection S235 Steel.
Plates Aluminium 6060T6.
Height 14m.

La Motte Rouge & Parvis Saint Nicolas.
La Rochelle, France.

A RECONSTITUTED GATE...

A visual metaphor with the Bipodes conjuring up an old gate of the fortified town...



Photo Credits App'ar Studio.

CONtractor : **Ville de La Rochelle**
Project manager : **Service technique**
Designer : **Service technique**
Lighting Designer : **Service technique**
Company : **Service technique + CITEOS**



Description.
RELE Steel 100HE3.
Ago + Lighting spike.
Height 10m.



RELE mast with Passive Safety, classified 100HE3 according to standard EN12767.

Passive Safety of Structures supporting Road Equipment. Requirements and Test Methods.

Ghisalba.
Lombardy, Italy.

ROAD SAFETY AT ITS MOST LUMINOUS...

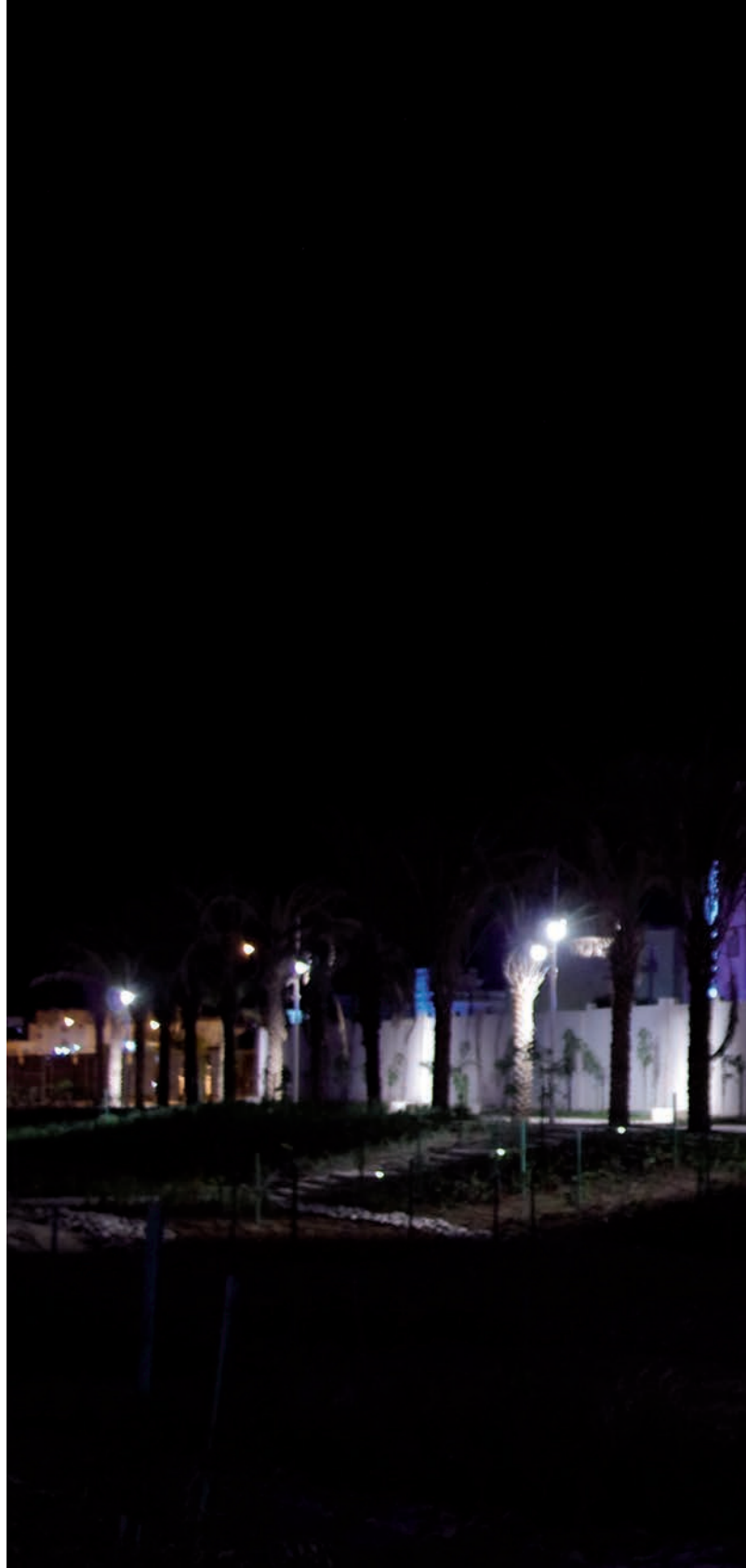
The RELE range of energy-absorbing masts is conceived in such a way as to be able to host any type of bracket at its apex. The light marking at its latticed base, made possible by LED technology, warns drivers they are coming to a crossroads.



Contractor : **Province de Bergame**
Project manager : **Zamboni & Stella**
Designer : **Tehomet a Valmont Company**
Company : **Colman**

Muscat

Sultanate of Oman



Description.

Grappa SP Steel HLE.
Adjustables rings Steel S235.
Height 7.5m.



Al'Azaiba Park.
Muscat, Sultanate of Oman

LUMINOUS NEEDLES IN THE HEART OF THE DRY RIVER...

At night, light was duty-bound to accentuate the asymmetry between the East and West banks but also to visualise the topography and the slope of the river "flowing" towards the sea.



Contractor : **Ville d'Oman**
Project manager : **Atelier Jacqueline Osty**
Designer : **Roger Narboni Concepto**
Lighting Designer : **Roger Narboni Concepto**
Company : **Oryx Engineering LLC**

Photo Credits CONCEPTO & OSTY.



Description.
Traffic lights support Steel S235.
Bollard Cast Iron GL
Height 8.70m. Outreach 8.30m.

N3 Road.
Ans, Belgium.

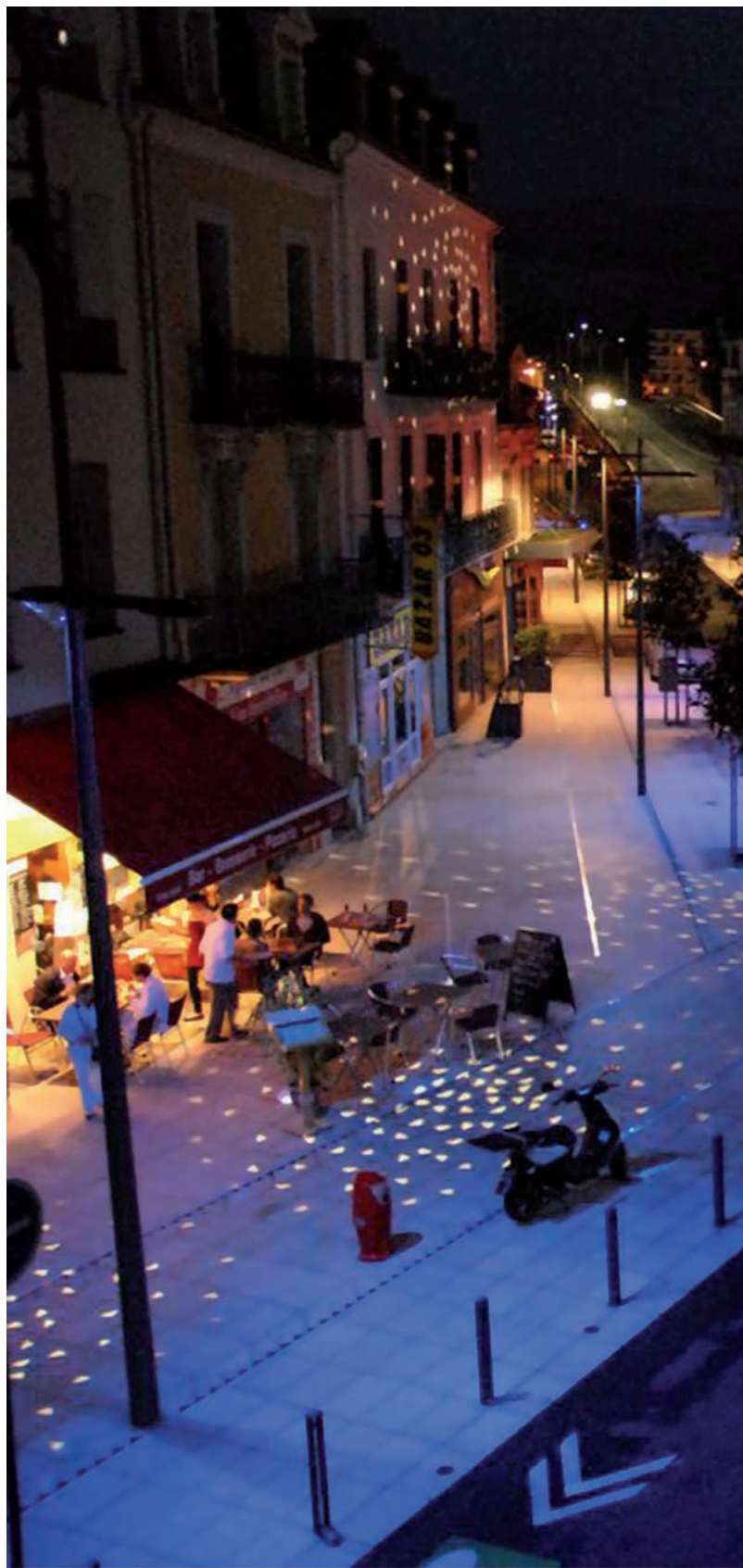
WHY SHOULD TRAFFIC LIGHTS ONLY HAVE A FUNCTIONAL APPEARANCE?

The town of Ans in Belgium decided there was nothing inevitable about it and dreamt up its own tricoloured road signal furniture to stake out the town's urban territory.



Contractor : **Service Public Wallonie**
Company : **ETEC**

Photo Credits Michel Tonneau.



Description.
Antares Sp Steel HLE S420 + Extension Steel S235.
Special Lighting bracket + banner AlSi7Mg.
Heights 11.2m & 7.3m.



Rue de Paris.
Vichy, France.

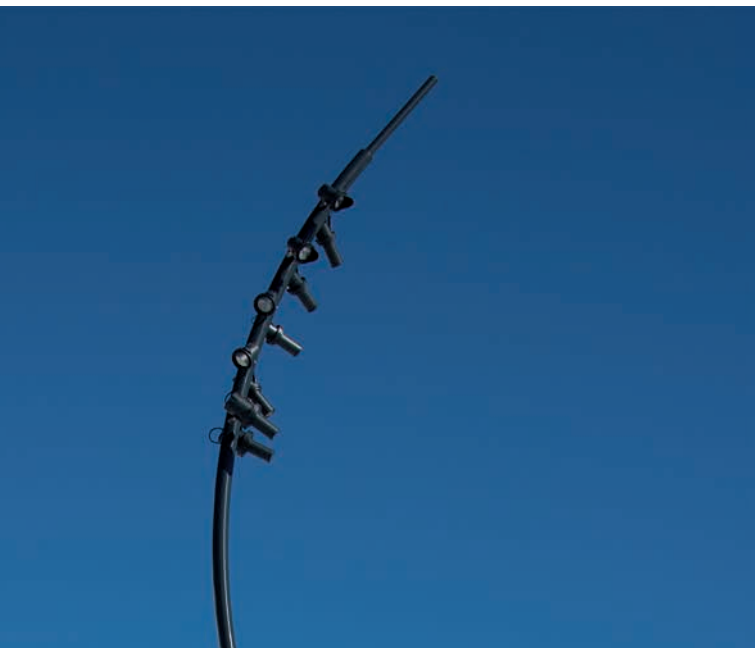
URBAN SCENOGRAPHY FOR AN EMBLEMATIC STREET...

The Rue de Paris is a major road which runs through the town centre and connects Vichy to its Thermal Baths and its river, the Allier. Crossroads are bathed in a bluish hue where brilliant light is projected, playing on the theme of Water...



Contactor : **Ville de Vichy**
Project manager : **Axe Saône**
Lighting Designer : **Les Éclaireurs Lucas Goy**
Company : **VIGILEC**

Photo Credits Les Éclaireurs + Carole Auriac.



Description.
Sigma SP Steel S350.
Heights : 20m. 17m. 14m. 11m. 8m.

Esplanade Oxygène.
Val d'Isère, France.

A HIGH-UP SLALOMING PERSPECTIVE...

At the foot of the Bellegarde Olympic ski slope, the Esplanade Oxygène is a space given over to Val d'Isère's great sporting events. Five double-curve masts slalom through the spacious landscape...



Contactor : **Ville de Val d'Isère**
Project manager : **Cabinet UGUET & APS**
Lighting Designer : **L'acte lumière**

Photo Credits App'ar Studio.



Description.
Antarès M76 Steel S350.
Berrechid bracket Steel S235.
Bollard Cast Aluminium.
Height 10m.

N9 Road.
Berrechid, Morocco.

THE TOWN GETS DRESSED UP...

A few minutes from Casablanca, in the agricultural valley of Chaouia-Ouardigha, exponential population growth in the town of Berrechid is causing parallel urban expansion. To support this development, all the boulevards coming into the town have been given new fittings to make them welcoming whilst giving formal recognition to the town's growing space...



Contractor : **Ville de Berrechid**
Conception : **Valmont Maroc**

Crédits Photos Amine Serraj.



Description.
Anthéa SP Aluminium 6060 T5.
Height 7.5m.

Allées Paul Riquet.
Béziers, France.

A NEO-CLASSICAL VISION IN FULL COLOUR...

The Allées Paul Riquet are the main roads in the town of Béziers. They have always greeted strolling locals and tourists in the cool of the evening beneath their sycamore trees, and now dynamic lighting adds to the welcome.



Contractor : **Ville de Béziers**
Designer : **Valmont France**
Company : **TRAVESSET**

Photo Credits Xavier Boymond.

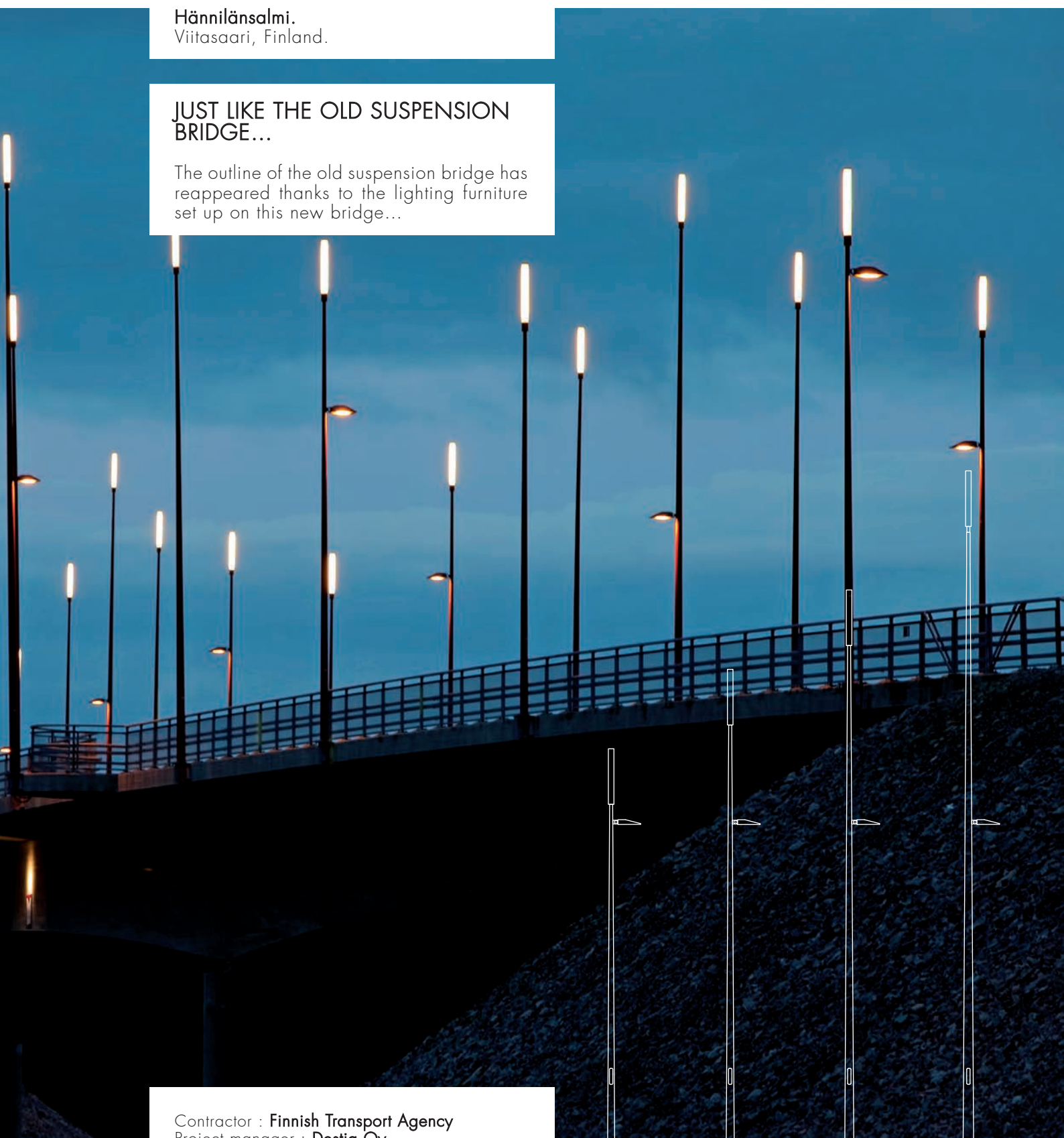


Description.
Round-conical Steel S275.
Heights : 15m.12m.10m. 8m.

Hännilänsalmi.
Viitasaari, Finland.

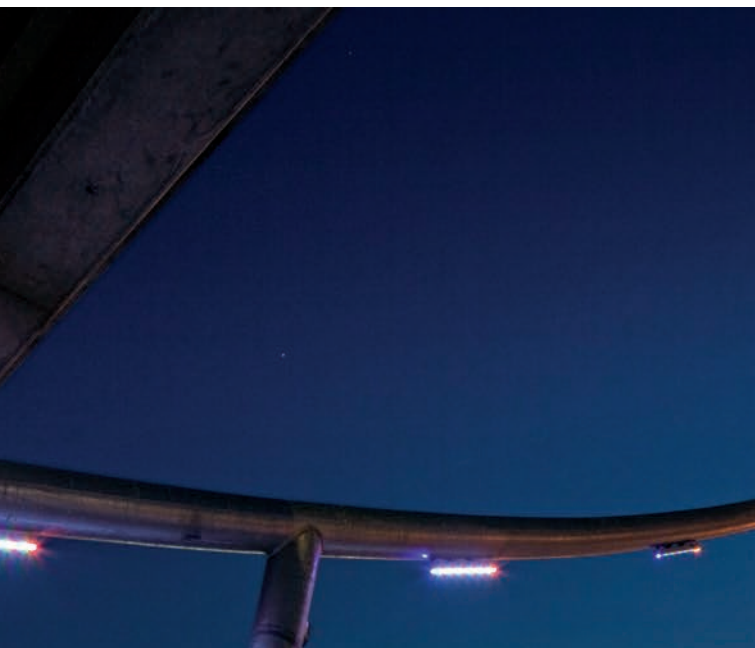
JUST LIKE THE OLD SUSPENSION BRIDGE...

The outline of the old suspension bridge has
reappeared thanks to the lighting furniture
set up on this new bridge...



Contractor : **Finnish Transport Agency**
Project manager : **Destia Oy**
Designer : **Jere Ruotsalainen Fantasiarakenne**
Company : **Destia Oy**

Photo Credits Tuomas Suvanto



Description.
Steel ASTM A53 & A572.
Height 11.3m.
Width 54.4m.

Longhorn.
Austin, Texas, USA.

THE LONGHORNS JOIN THE PARTY BENEATH THE INTERSTATE...

The Texas Longhorns, mascots of the University of Texas at Austin, light up the car park situated beneath this urban highway...

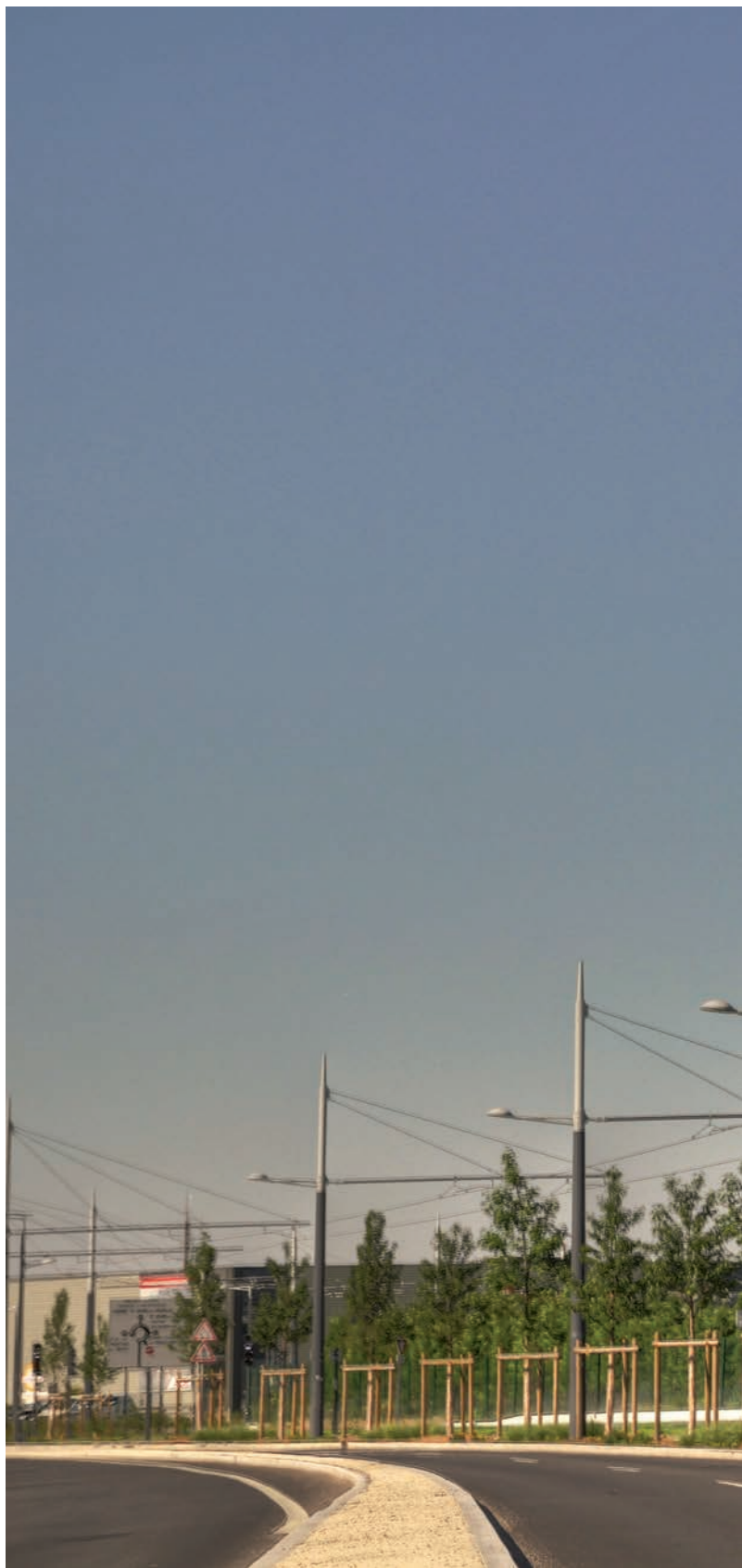


Contractor : **Ville d'Austin**
Project manager : **Dean Thoene**
Architect : **Cotera + Reed Architect**
Comapnay : **Austin TAG Electric**

Photo Credits Tom Kessler.

Orléans

France



Description.

Pole RCM Technology Steel S235. Valmont Patent.
Annapurna AlSi7Mg.
Height 10.4m.



CLEO. ligne B.
Orléans, France.

A GREEN CORD DRAWS THE AGGLOMERATION TOGETHER FROM EAST TO WEST....

Columns with a limited ground print support the catenary or the lighting or sometimes both, with a view to diversity and visual structure for the space.



Contractor : **Orléans Val-de-Loire**
Project managers : **Richez Associés + SNC**
Lavalin + Atelier Villes et Paysages
Designer : **Sovann Kim**
Company : **CEGELEC + CITEOS**

Photo Credits Sebastien Pouvesle.



Description.
Monopod Steel S235.
Height 13m.

Station forecourt.
Paderborn, Germany.

WHEN A TOTEM STANDS OUT IN THE LANDSCAPE...

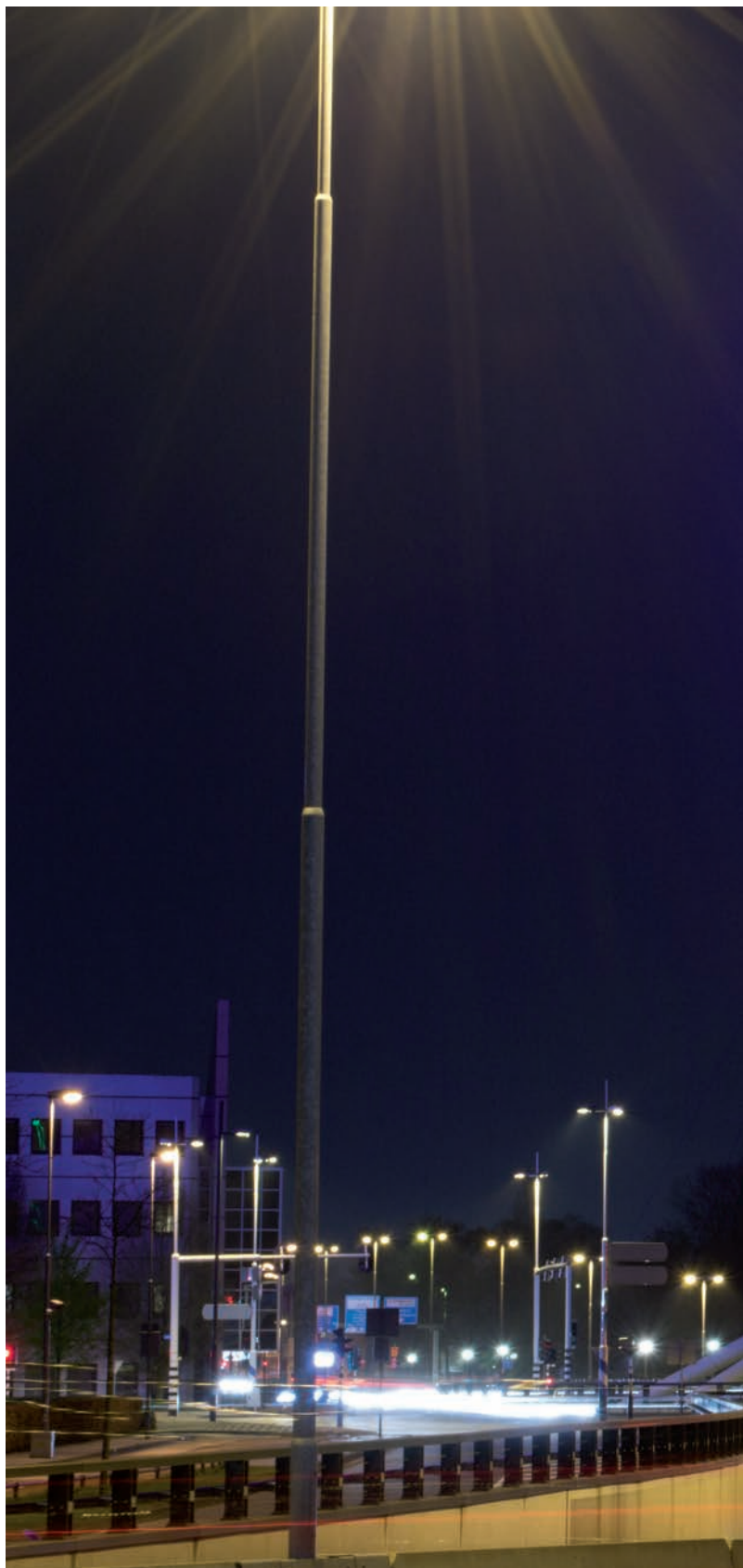
Station forecourts are places of movement, with multiple consonances. Paderborn has regenerated a new pedestrian space where serenity rules...



Contractor : **Ville de Paderborn**
Project manager : **Valmont Mastbau**
Designer : **Valmont Mastbau & EON Paderborn**
Company : **EON Westfalen Weser Paderborn**

Eindhoven

Netherlands



Description.
QuadriPod Steel S235.
Knot Polyester.
Height 50m.





Light Needle.
Eindhoven, Netherlands.

A NEW LANDMARK...

Rising 50 meters above the ring road, it alone reflects what it means for Eindhoven to be a capital of Light.

Contractor : **Ville de Eindhoven**
Project manager : **Florentijn Vleugels Architect**
Designer : **Florentijn Vleugels**
Company : **HEIJMANS**

Photo Credits Chris Waitzman.



Description.
Altor GM + Stainless steel base
Ring Steel S235
Height 18m.



Place Bellecour.
Lyon, France.

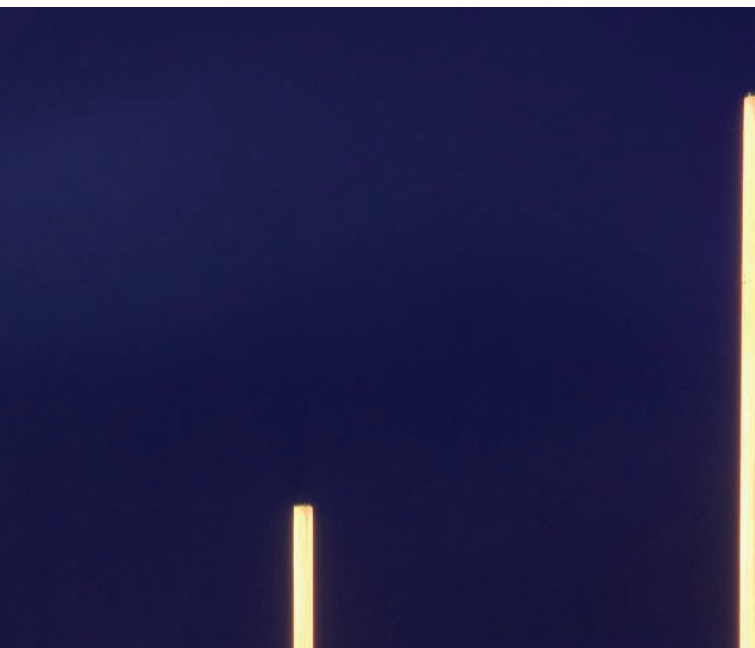
THE LARGEST PEDESTRIAN SQUARE IN EUROPE ENHANCED ...

Here linden trees have been freshly replanted and a new lighting system set up. 6 lamps adorn the croissant-shaped bracket, while projectors show off the statue of Louis XIV, the Sun King. To be admired from the top of the Big Wheel!



Contractor : **Ville de Lyon**
Project manager : **Les éclairagistes associés LEA**
Designer : **Les éclairagistes associés LEA**
Company : **Citéos**

Photo Credits App'ar Studio.



Description.
Lighting RVB stick.
Steel S355 & Polyester.
Height 8m.

Kielotie Town Center.
Vantaa, Finland.

DYNAMIC AND LUMINOUS ROAD SAFETY....

When LED turns to signposting, to mark out
the busiest of urban thoroughfares...



Contractor : **Ville de Vantaa**
Project manager : **Tehomet Oy**
Designer : **Pöyry Building Services Oy**
Company : **Tehomet Oy**

Photo Credits Ilpo Aalto.

LaGrand'Croix

France



Description.
TriPod Aluminium 6060T5.
Height 17m.



Entering the Town Center.
La Grand'Croix, France.

A NEW WAY TO ENTER THE TOWN....

This twisting TriPod is meant to be the symbol of the town's foundation in 1860, following the fusion of territory from the parish of La Grand'Croix and the villages of Cellieu and Saint Paul en Jarez.



Contractor : **Ville de La Grand'Croix**
Project manager : **SIEL**
Designer : **Antoine Golinvaux** © Valmont France
Company : **SERP**

Photo Credits App'ar Studio.

Zaandijk

Netherlands



Description.
Round-conical bended Steel S235.
Heights 7.5 & 5.5m.



Juliana Bridge.
Zaandijk, Netherlands.

THE FOURTH BRIDGE...

"Julianabrug" unites the town of Zaandstad, on both sides of the river Zaan. This bridge offers pedestrians and cars the possibility of crossing over, but also lets the many ships go up and down the course of the river: its roadway raises to let them through...



Contractor : **Province Nord Hollande**
Project manager : **Cofely**
Architect : **Royal Haskoning**
Company : **Cofely**

Photo Credits Mariette Karstens.

Lyon

France



Description.
Neo'Grab Wall bracket.
Aluminium alloy AlSi7Mg.
Outreach 0.80m.



Presqu'île.
Lyon, France.

WHEN A CLASSIC OFFERS A CURE OF YOUTH...

From Grab to Neo'Grab, a visual identity conserved but modernised through 40 years' lighting on the Lyons peninsula...

Contractor : **Ville de Lyon**
Project manager : **INEO & SPIE**
Designer : **Antoine Golinviaux** © Valmont France
Company : **INEO & SPIE**

Photo Credits App'ar Studio.

The choice of surface coating is still too often dealt with at the end, sometimes even after work has begun on the project. This is a grave mistake, since this choice is far from trivial and can actually enhance the furniture's role in the public space.

A colour can influence the presence of the object in space simply by the degree of contrast between the particular shade and its surroundings. It can also influence work in relation to its geographical location. Let's stop using the same shade of grey from North to South and from one country to another. Let's choose colours which fit with the projects, taking into account the site's natural lighting since this also changes people's perception of the product

The velvety finish given by anodising or spectro-colouring plays subtly with light, deepening colours and inviting touch

The Sublimation technique for transfers opens up a new creative field. Applied to all or part of a mast, it makes it possible to create unique décor at a lesser cost. Far from imitation, it opens possibilities for working with graphics. Using it sparingly within a site can give it a signature, shape it, surprise pedestrians in their walks...

These material effects and subtle plays on colours can mingle within a project to enrich and deepen it. They go along with ideas of relative scale and nearer or farther vision and delicately prolong this idea of living space.

the *F*inal touch....

Anodising...



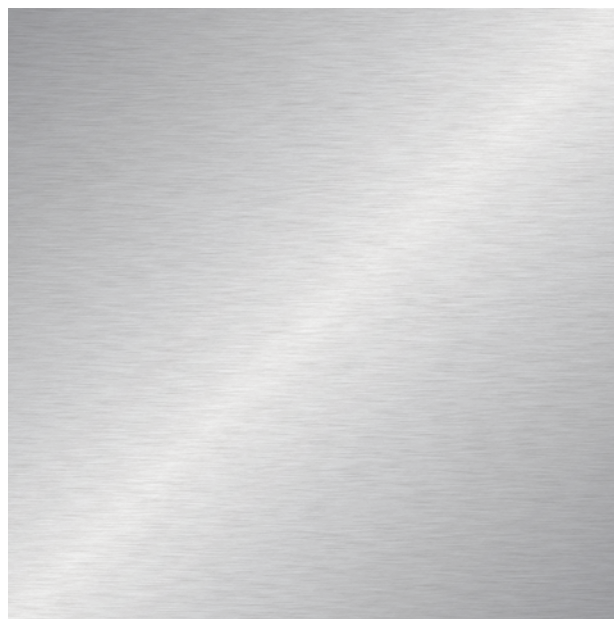
ænədəiziŋ. *n*

Anodising is a surface treatment operation used to protect and decorate a piece of Aluminium using anodic oxidation.

Anodic oxidation is an electrochemical process which transforms the artificial layer into a 15-25 micron layer of oxide.

This process is obtained by successive baths, mostly in sulphuric acid.

Designed to provide aluminium with optimum protection, anodising gives it a very aesthetic appearance and an enduring air of newness, even in difficult environments such as seashores.

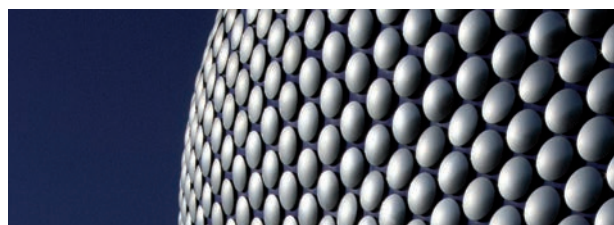


Maximal Length : 7 linear meters.

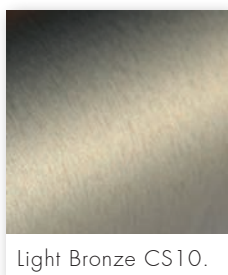
Traditional...

Traditional is a selection of four traditionally-used colours.

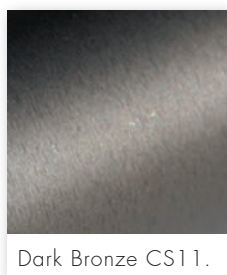
These shades help Aluminium furniture keep its visual aspect in the long term.



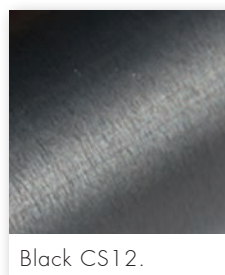
Colourless CS01.



Light Bronze CS10.



Dark Bronze CS11.



Black CS12.



Quality Label.

Due to printing techniques, the shades shown here may differ in reality.



Maximal Length : 7 linear meters.

Spectro-colouring...



spektrækulörin. *n*

Spectro-colouring is a surface treatment operation used to colour an anodised piece of Aluminium.

Spectro-colouring is a colouring process which combines chemical and electric parameters to form a superficial layer of alumina with controlled dimensions, spread and direction. There is thus no added pigment, which leads to great stability over time.

Spectro-colouring gives the aluminium colour without taking away its specific mechanical and aesthetic characteristics: metallic brightness, metallic feel and metal veins...



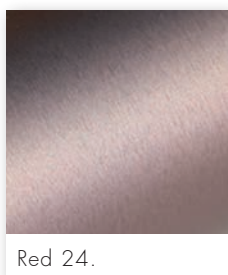
Spectral...

Spectral is a range of colours which play on the spectrum of natural light.

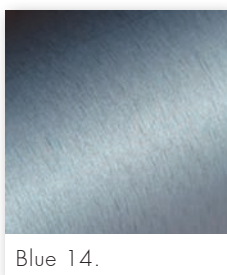
These colorimetric variations can help in the making of soft metallic atmospheres...



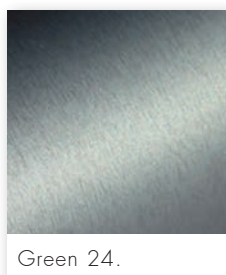
Light Bronze 4.



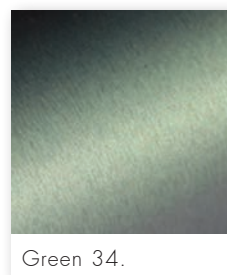
Red 24.



Blue 14.



Green 24.



Green 34.

Due to printing techniques, the shades shown here may differ in reality.

the Transfer

by Sublimation...



sʌblɪmɪˈʃən. n

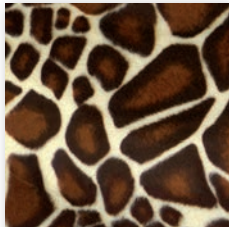
Transfer using sublimation is the most simple and efficient process to apply high-quality photos, pictures and graphics to a large variety of metallic furniture and objects...



Maximal Length : 7 linear meters.

Textures & Aspects...

A non-exhaustive selection of natural or industrial textures and materials which can be rendered in anything from mat to gloss. *Can be partially applied anywhere on the column...*



Animal.



Natural.



Industrial.



Mineral..



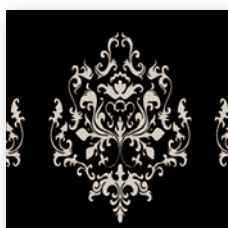
...

Graphics...

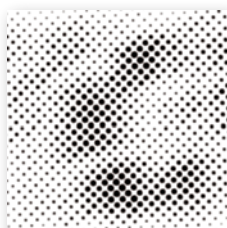
A non-exhaustive selection of motifs and graphics which can be rendered in anything from mat to gloss. *Can be partially applied anywhere on the column...*



Invader.



Baroque.



Illusion.



Shading.



...



Powder coating...



Thermo lacquering is a surface treatment operation consisting of applying a polymerising polyester powder in a furnace by an electrostatic effect.

This technique is used on galvanised or previously pickled Aluminium, which allows excellent adhesion of the powder in the smallest details of the column.

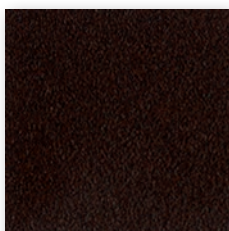
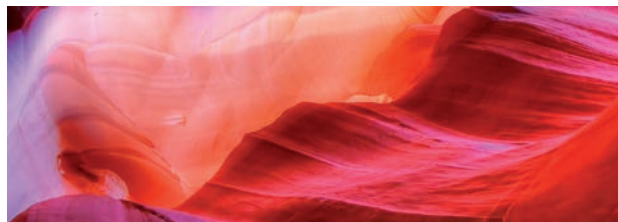
Architect-quality polyester powders give ideally long-lasting characteristics against outside atmospheres.

So-called "Seaside" quality can be obtained by applying a second layer of polyester powder.

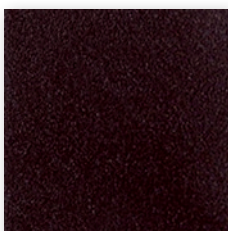
Guarantee:
Our thermo lacquering process is guaranteed for up to 10 years. General Conditions of Application are available on request.

Canyon...

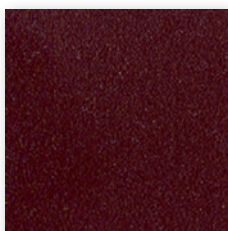
Canyon is a range of "Oxide Red" colours, like those of the Colorado gorges. These shades can help create a warm, contemporary atmosphere within your towns...



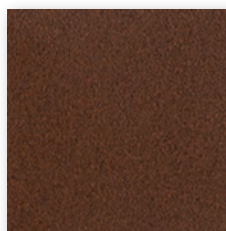
Canyon 01.



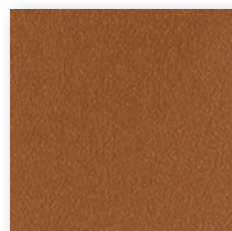
Canyon 02.



Canyon 03.



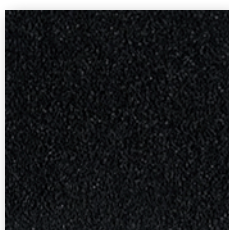
Canyon 04.



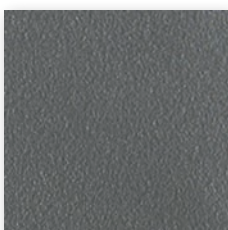
Canyon 05.

Toundra...

Toundra is a range of colours with a mineral and sandy appearance whose shades blend into urban backgrounds to achieve graphic uniformity...



Toundra 01.



Toundra 02.



Toundra 03.

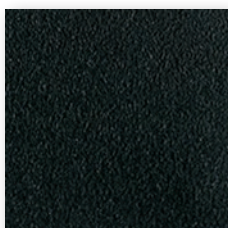
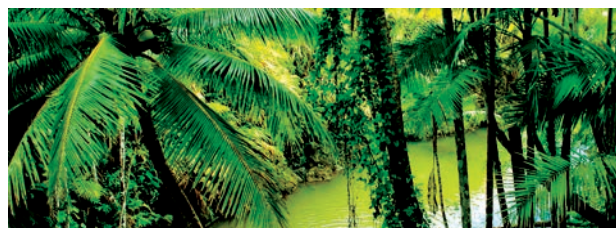


Toundra 04.

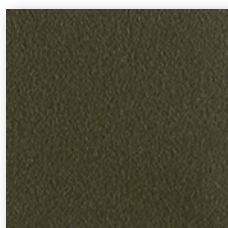
Due to printing techniques, the shades shown here may differ in reality.

Jungle...

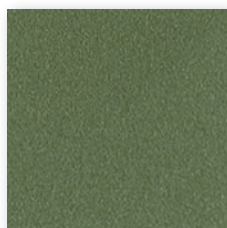
Jungle is a range of colours in plant-inspired shades, ideal for integrating visually into a landscaped green space, or with the aim of bringing a touch of nature to your urban spaces...



Jungle 01.



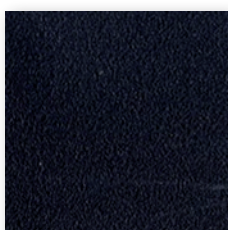
Jungle 02.



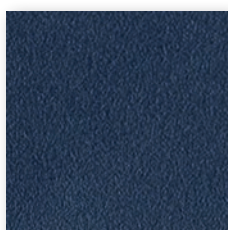
Jungle 03.

Fjord...

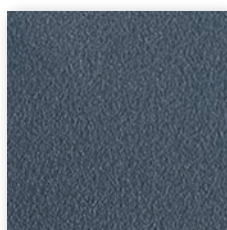
Fjord is a range of colours with ocean shades like those of the Scandinavian abysses. These blue-grey tones will bring a certain urban freshness to your productions...



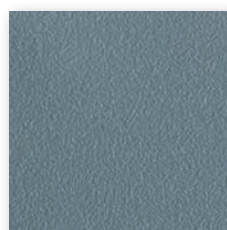
Fjord 01.



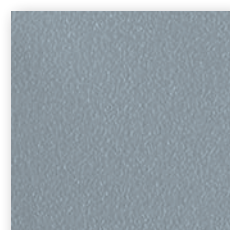
Fjord 02.



Fjord 03.



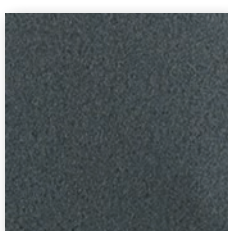
Fjord 04.



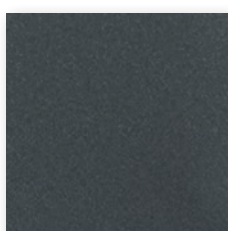
Fjord 05.

City...

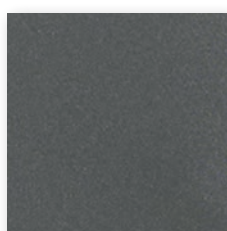
City is a range of colours with metallic shades and looks which play with the daylight in your urban spaces with contrasting and reflecting effects...



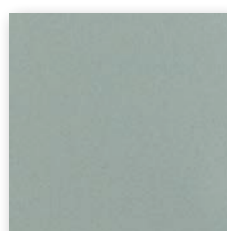
City 01.



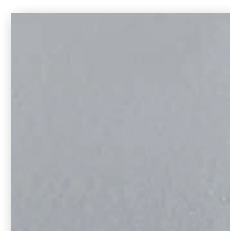
City 02.



City 03.



City 04.



City 05.

Due to printing techniques, the shades shown here may differ in reality.

For each project and each installation site, accessorizing is the key to personalising furniture.

The accessories shown here will be able to meet those different needs.

Whether it be from the lighting perspective, communicating visually or by sound, to help with installation or protecting against vandalism...

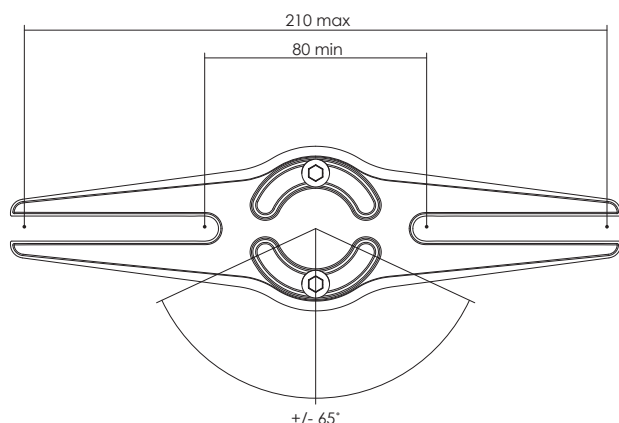
Accessories

Eliss

Adjustable holder...

Eliss is a system of adjustment for projectors made of AlSi7Mg Aluminium alloy.

Adjustment $\pm 65^\circ$.
For floodlight's lyre with centre distance of 80-210mm, M8 Screws.



Eliss can be installed on any type of furniture by means of 3 angle braces or 1 ring...

R₀

Flat Aluminium alloy angle brace which can be set at the necessary angle according to lighting field...

Installation on a flat surface, e.g.: Ubik
CHC M8 Screws + MD Gib.

External cable, on a grommet.



R53

Radiated Aluminium alloy angle brace giving scope for installation on Steel and Aluminium masts.
Ø60 and 76mm

Installation on tapered Cylindrical furniture,
e.g.: Grappa.
Vis CHC M8 + Insert.

External cable, on a grommet.

B360

Aluminium alloy ring adaptable to a Ø76-115mm circular section which can be fitted anywhere.

Installation on Cylindrical & tapered Cylindrical furniture,
e.g.: Grappa.
Ø76 à 115mm.
Adjustable through 360°. HCBC M8 screw.

Internal cable, on a grommet.

R90

Radiated Aluminium alloy angle brace giving scope for installation on Steel and Aluminium masts.
Ø180mm.

Installation on Cylindrical furniture,
e.g.: Flow.
CHC M8 Screws + MD Gib.
External cable, on a grommet.

Elec & Son

Mini Elec & Sound_{plug}...

This allows communities to integrate the connections for setting up sight or sound spectacles directly into their furniture.

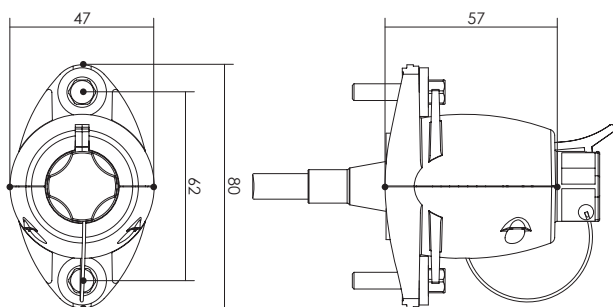
The **Elec** pack includes IP65 Class II factory pre-wiring, length 10m, 3G2, 5mm² (gauge recommended by motif manufactures).

The **Sound** pack includes IP65 Class II factory pre-wiring, length 10m, 2G1, 5mm². Connector colour-coded green.

Connection incompatibility with the **Elec** pack, to avoid errors.

They can also be installed on existing masts by drilling in two places.

Available in Black and Transparent.



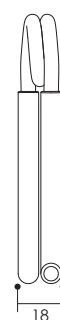
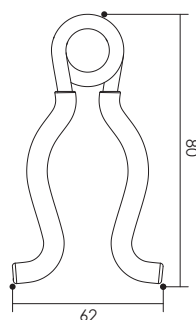
Scargo System...

Re-usable fusible fastening system for kakemonos and banners.

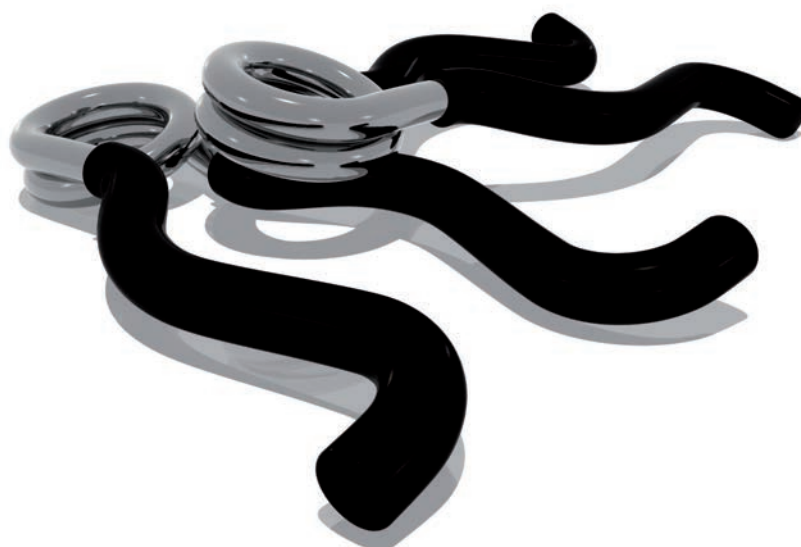
It can relieve the strain on the structure by letting the flag float above a certain pre-defined wind speed, according to the size of the flag.

It can be fitted to a metallic Steel or Aluminium arm Ø48/50mm.

Banner Dimensions (mm)	Wind speed (km.h ⁻¹)
1200 x 600	75.6
2000 x 800	50.4
3000 x 1000	36
4000 x 500	43.2



Dimensions and technical information given as indications, assuming the flag's centre of gravity to be 6m up.



Alto Soprano & Tempo

Hinges...

Alto, Soprano & Tempo, make it easy to open the inspection door, which remains attached to the pole.

Our hinges can be installed on our Steel, Aluminium and Wood furniture.

Alto

Interior hinge fitted with a retractable end stop which allows the inspection door to be opened vertically and kept open.

The system can be installed on all types of mast from Ø125mm at the top of the door.
(Steel, Aluminium & Wood)

Valmont Patent



Soprano

Exterior hinge specially designed to give the most inside space and which allows the inspection door to be opened vertically and kept open.

The system can be installed on any type of Steel and Wood mast from Ø100mm, for a door height of 500mm.

(Steel, Aluminium & Wood)



Tempo

Interior hinge with «3» axes, specially designed to give the most inside space and which allows the inspection door to be opened laterally and kept open.

The system can be installed on any type of Steel and Wood mast from Ø100mm, for a door height of 500mm.



Magnetik

NEW

Magnetik_{Lock}...

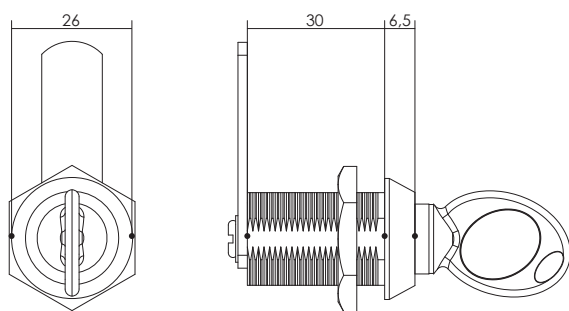
Magnetic quarter-turn lock can be set right or left, with cam cylinder.

It can be opened with a key with a magnetic code which works the mobile elements of the cylinder without any mechanical contact.

The whole coded model in the cylinder is sleeved and totally watertight. These products are therefore particularly well-adapted to difficult environments (vandalism, corrosion, presence of sand, humidity, frost, etc...)

The system can be installed on all types of mast at the top of the door. (Steel, Aluminium & Wood)

International Patent

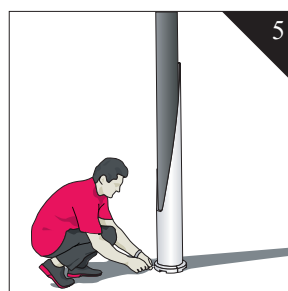
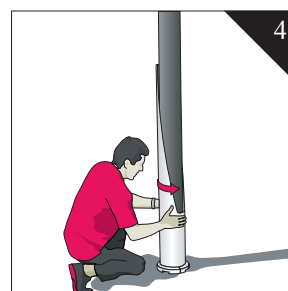
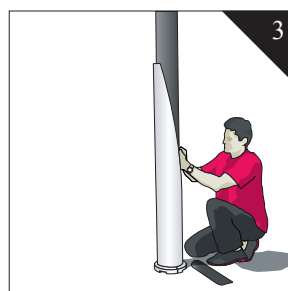
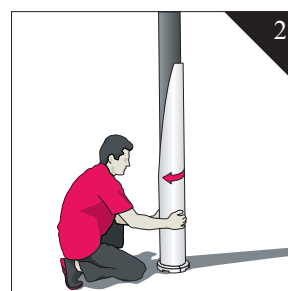
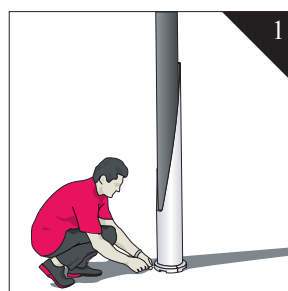


Ro'dia_{Bollard}...

An innovative concept – a decorative bollard in AlSi7Mg cast Aluminium, protecting technical access doors from vandalism.

The system can be installed on all types of Aluminium masts Ø150 and 180mm.

The rotation system is blocked by means of an anti-theft M8 screw with a 2-hole secure imprint.



1. Unlocking.
2. Rotating.
3. Door access.
4. Rotating.
5. Locking



Ô'light²

Ô'light² Spike...

The Ô'light² spike can be used for marking.

White Polyethylene system, Ø 60 or 76mm, 1W
White, Blue, Red or Green LED included.
IP66 - Class II - IK10 - 220V - 50Hz.

Setting at the top of Ø 60 or 76mm mast.
Length: 300 & 600mm.
H07RNF 2G1, 5mm² cable, length 10.5m.

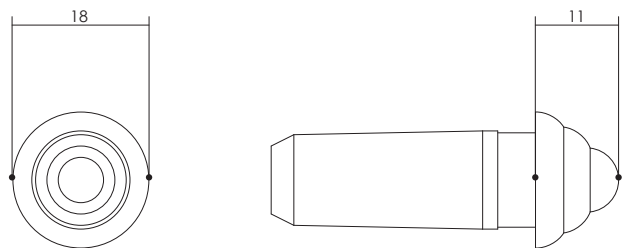


iLed_{Eye}...

The **iLed** eye is for marking using lateral as well as overhead radiance.

System in Methacrylate Ø18mm; 0.1 W Blue, White or Amber LED included...
IP55 – Class II.

Recessed fitting in the mast, wiring carried out in the factory.



The Ambiance Collection brings together all the lamp posts which have been designed foremost for the look of the product itself and not with an eye to projects and their possible languages.

The variations on each model are limited, reduced exclusively to the needs of roadways and more precisely those whose width or vegetation makes it necessary to deviate the flow of light.

Most of its brackets are designed with simple straight or curved shapes, assembled using machine welding.

These designs nonetheless remain identifiable, with enough character to mark out a development.

Ambiance

Collection

Remo

WHEN A KNOT BECOMES FUNCTIONAL ATMOSPHERE...

Range made up of an Aluminium alloy knot which can be used alone or with various different arms in order to fit in with the needs of the project.

Single and double bracket, straight or double-arched, 0.75 & 1.20m outreach, 5° tilting. Can be fitted at a range of heights from 6 to 9m.

100% Mixed furniture, can be installed on all types of 60mm mast tops. (Steel, Aluminium, Wood...)

Remo in AlSi7Mg Aluminium alloy.
Bracket Aluminium 6060T6 & Steel S235.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0005 & 0006.



Design by Chris Waitzman-Valmont

NEW



Visual not contractual.

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valmont
INTERNATIONAL

Remo

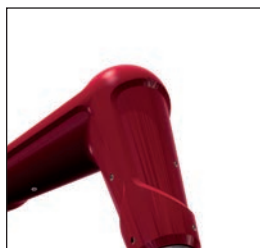
| Remo Steel |

Description.

100% Mixed range.
Height range : 5 to 9m.
Outreach 0.75 & 1.20m.

Specifications.

Remo in AlSi7Mg Aluminium alloy.
Bracket Straight or curved steel S235.
Round conical HLE Steel without visible welded.



Remo Steel.





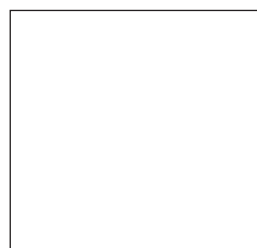
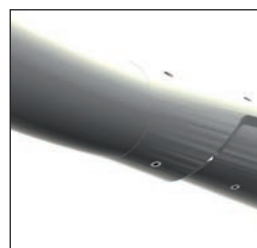
| Remo Aluminium |

Description.

100% Aluminium range.
Height range : 5 to 9m.
Outreach 0.75 & 1.20m.

Specifications.

Remo in AlSi7Mg Aluminium alloy.
Bracket Straight or curved 6060T6.
Round-conical spun Aluminium 6060T5.



Remo

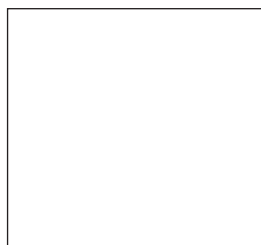
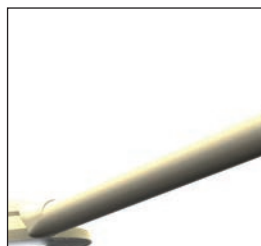
| Remo wood |

Description.

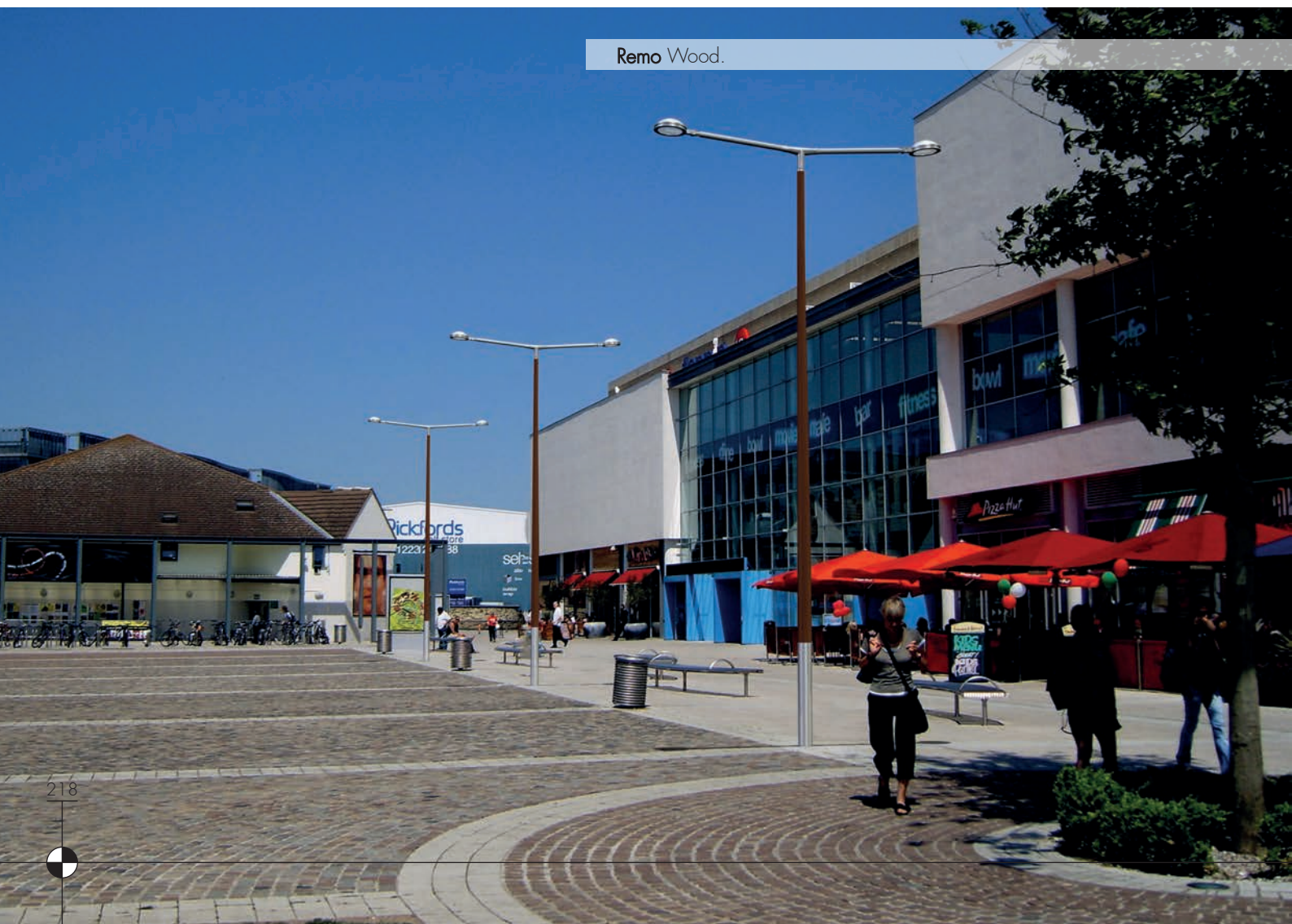
100% Mixed range.
Height range : 6 to 8m.
Outreach 0.75 & 1.20m.

Specifications.

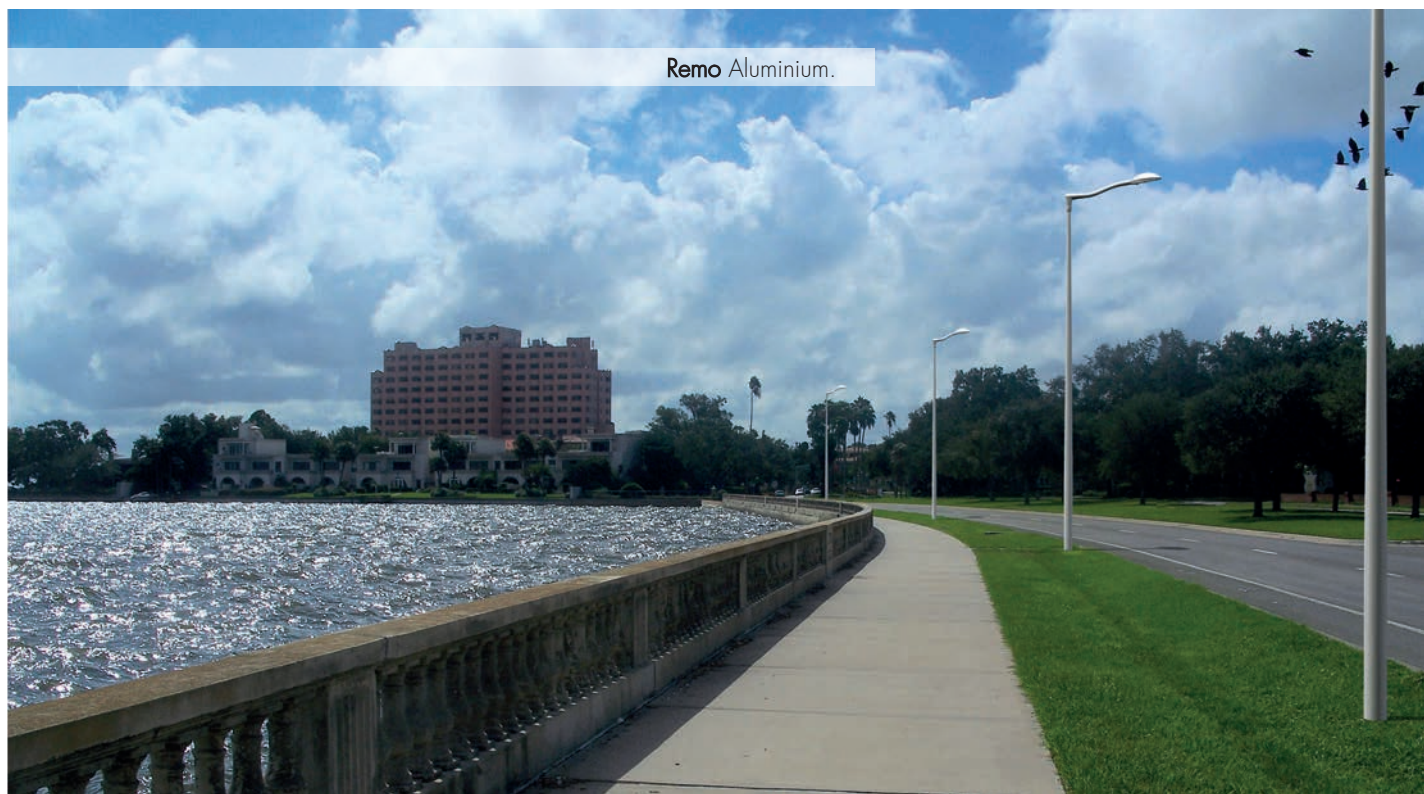
Remo in AlSi7Mg Aluminium alloy.
Bracket Straight or curved steel S235.
Round conical wood Glulam GL28h, PEFC.



Remo Wood.



Remo Aluminium.



Remo Dimensions

	Shaft height (m)	Top (mm)	Base (mm)	Height Base (mm)	Space for coupling (mm)			Flange (mm)		Embedding (mm)		
					Height	Width	Distance	Internal dimensions	Bolt spacing	Width	Concrete	Ground
Steel	5	60	134	-	400	75	500	74x70	200	271	600	800
	6	60	150	-	400	75	500	91x70	200	271	800	1000
	7	60	167	-	500	85	500	101x85	300	412	1000	1200
	8	60	183	-	500	85	500	119x85	300	412	1000	1200
	9	60	199	-	500	85	500	136x85	300	412	1200	1500
Alumi- nium	5	60	150	-	500	95	500	85x95	300	270	600	800
	6	60	150	-	500	95	500	85x95	300	270	800	1000
	7	60	150	-	500	95	500	77x95	300	418	1000	1200
	8	60	150	-	500	95	500	77x95	300	418	1000	1200
	9	60	150	-	500	95	500	77x95	300	418	1200	1500
Wood	6	100	168	1400	400	85	500	115x85	200	270	800	1000
	7	100	193	1400	400	85	500	130x85	300	400	1000	1200
	8	100	193	1400	400	85	500	130x85	300	400	1000	1200

Lighting height = Shaft height + 0.30m. L= 0.75m.

Lighting height = Shaft height + 0.40m. L= 1.20m.

Dimensions and technical information are indicative.

Valmont reserves the right to modify, immediately and without notice, any technical or aesthetic specifications it deems necessary to improve Ambiance Collection products.

Eva

WHEN A VEIL BEGINS TO PRODUCE ATMOSPHERE...

Machine welded range made up of a subtly curved arm combined with a veil.

Single and double bracket, 0.75 & 1.20m outreach, 5° tilting. Can be fitted at a range of heights from 6 to 9m.

100% Mixed furniture, can be installed on all types of 60mm mast tops, Steel & Aluminium.

Bracket Aluminium 6060T6 & Steel S235.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0005 & 0006.



EVOLUTION



Visual not contractual.

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valmont
INTERNATIONAL

Eva

| Eva Anthéa |

Description.

100% Aluminium range.
Height range : 6 to 9m.
Outreach 0.75 & 1.20m.

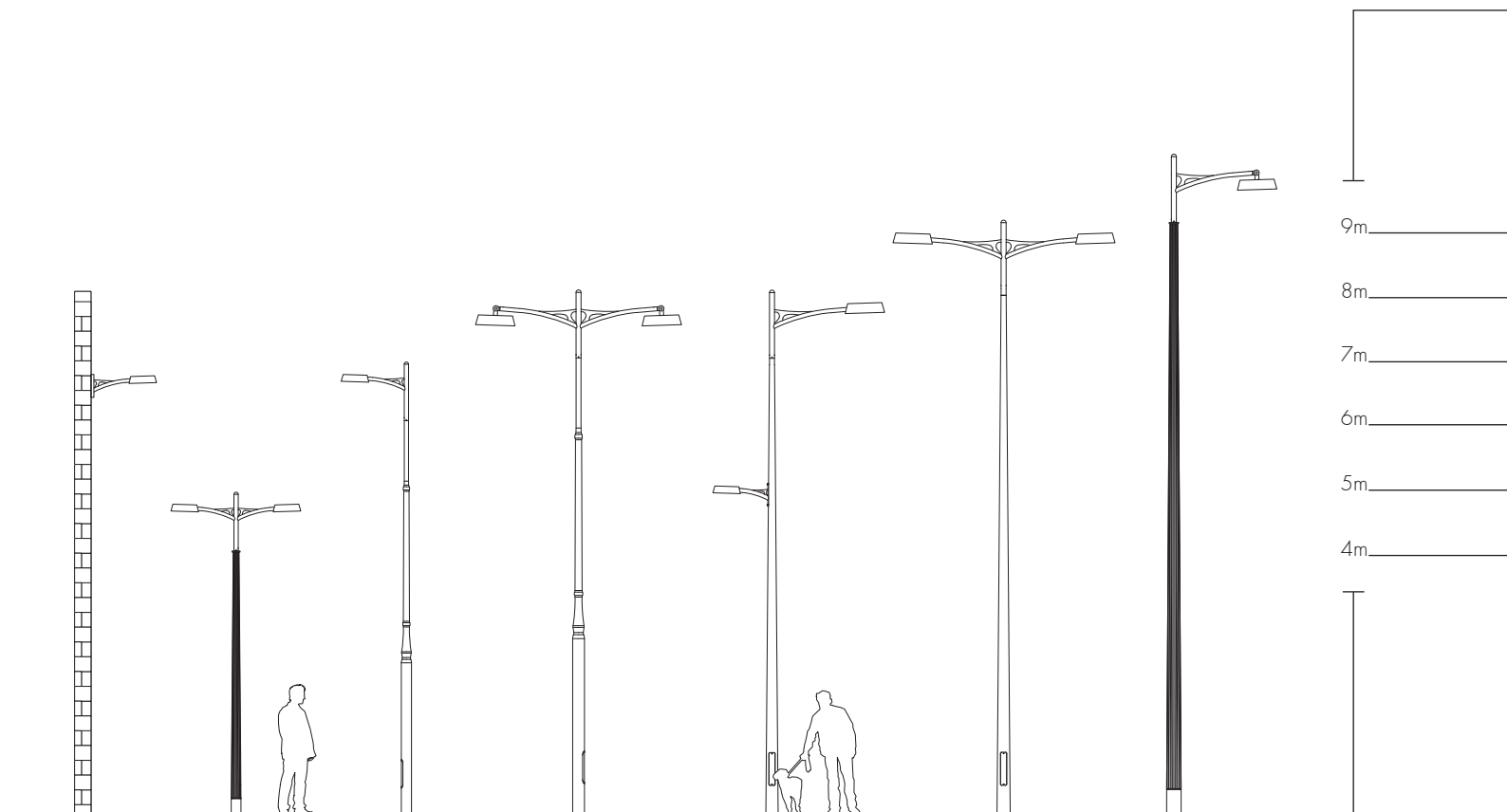
Specifications.

Eva Aluminium 6060T6.
Anthéa spun Aluminium 6060T5.
Continuity between pole & bracket.



Eva Anthéa. Le Fenouiller. France





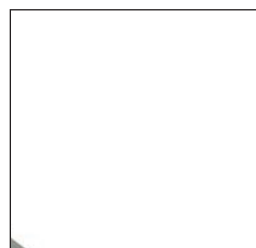
| Eva CityQuartz |

Description.

100% Steel range.
Height range : 5 to 9m.
Outreach 0.75 & 1.20m.

Specifications.

Eva Steel S235.
CityQuartz Steel ASTM A595A.



Eva

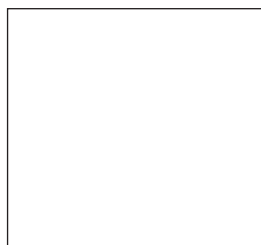
| Eva Steel |

Description.

100% Steel range.
Height range : 6 to 9m.
Outreach 0.75 & 1.20m.

Specifications.

Eva Steel S235.
Round conical Steel HLE without visible welded.
Continuity between pole & bracket.



Eva Aluminium. Iguérande. France





Eva Dimensions

	Shaft height (m)	Top (mm)	Base (mm)	Space for coupling (mm)			Flange (mm)		Embedding (mm)		
				Height	Width	Distance	Internal dimensions	Bolt spacing	Width	Concrete	Ground
Anthéa	6	75	180	500	120	500	106x120	300	400	800	1000
	7	75	180	500	120	500	106x120	300	400	1000	1200
	8	75	200	500	120	500	125x120	300	400	1000	1200
	9	75	200	500	120	500	125x120	300	400	1200	1500
City- Quartz	5	89	147	500	92	500	80x90	300	412	600	800
	7	89	171	500	110	500	100x90	300	400	1000	1200
	9	89	194	600	125	500	120x130	300	400	1200	1500
Steel	6	75	168	500	85	500	101x85	300	412	800	1000
	7	75	187	500	85	500	118x190	300	412	1000	1200
	8	75	200	500	90	500	133x90	300	412	1000	1200
	9	75	216	500	90	500	139x90	300	412	1200	1500

Lighting height = Shaft height + 0.75m. L= 0.75m.
 Lighting height = Shaft height + 0.75m. L= 1.20m.

Dimensions and technical information are indicative.
 Valmont reserves the right to modify, immediately and without notice, any technical or aesthetic specifications it deems necessary to improve Ambiance Collection products.

Musica

WHEN A CURVE IS UNDERLINED TO PRODUCE AN ATMOSPHERE...

Machine-welded range made up of an arched arm underlined by a second one.

Single and double bracket, 1.50m outreach, 5° tilting. Can be fitted at a range of heights from 6 to 9m.

100% Steel furniture can be installed on all types of 60mm Steel mast tops.

Bracket Steel S235.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0004.



EVOLUTION



Visual not contractual.

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Musica

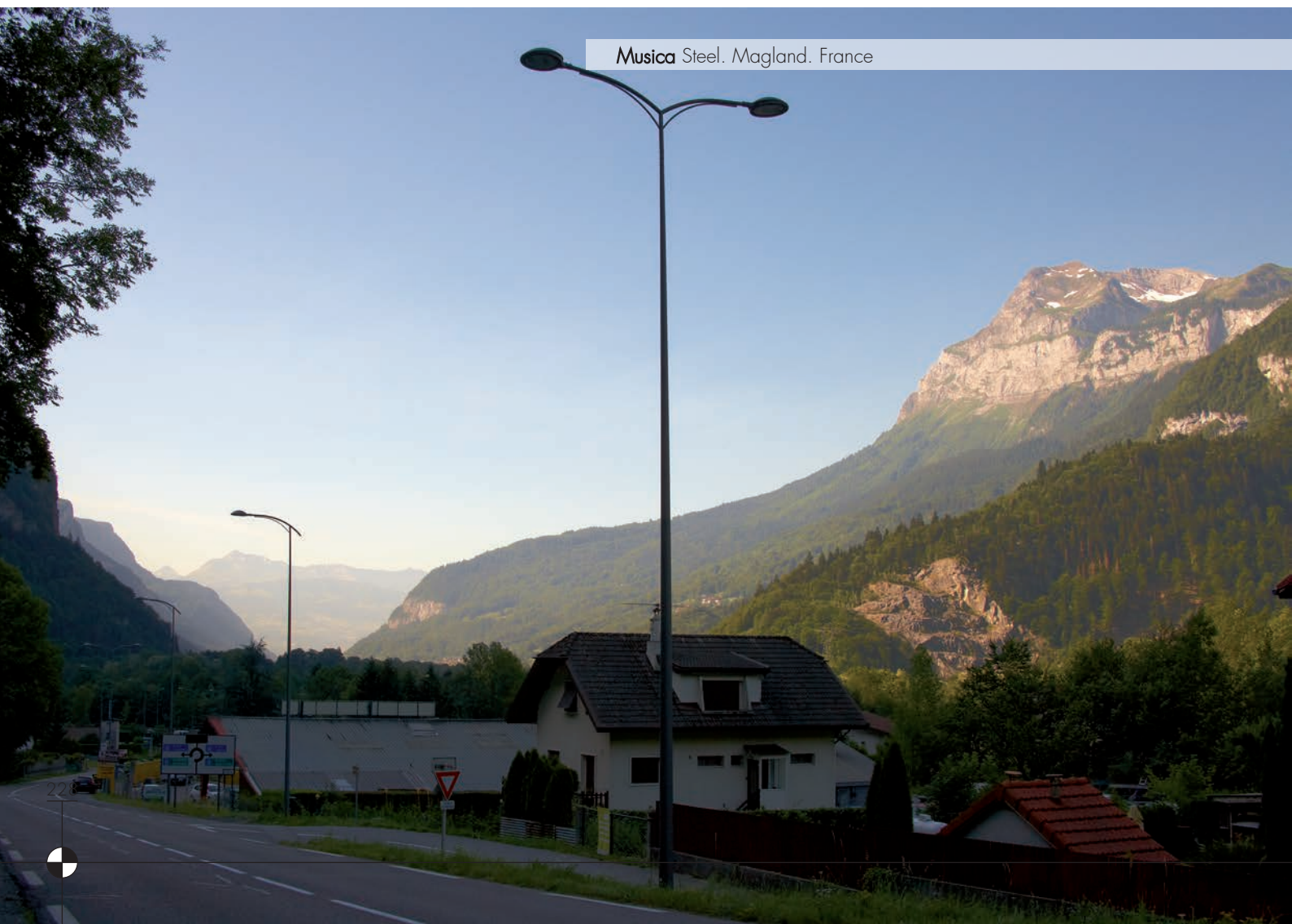
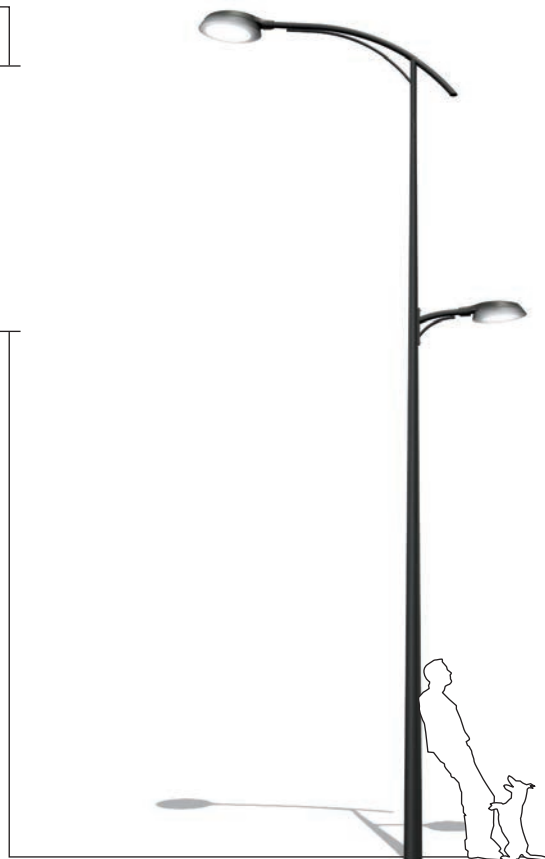
| Musica Steel |

Description.

100% Steel range.
Height range : 6 to 9m.
Outreach 1.50m.

Specifications.

Musica Steel S235.
Round conical Steel HLE without visible welded.
Continuity between pole & bracket.



Musica Steel. Magland. France



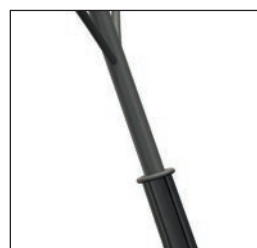
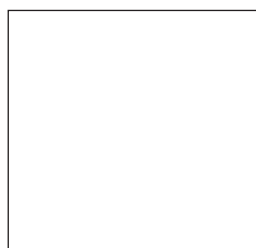
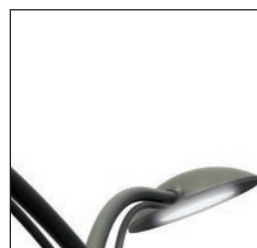
| Musica CityQuartz |

Description.

100% Steel range.
Height range : 5 to 9m.
Outreach 1.50m.

Specifications.

Musica Steel S235.
CityQuartz Steel ASTM A595A.
16 flutes.



Musica

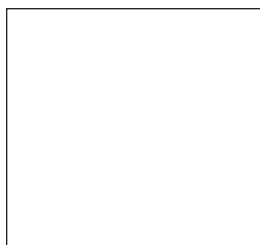
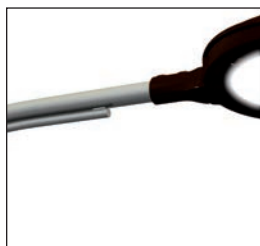
| Musica CityLand |

Description.

100% Steel range.
Height range : 5 & 7m.
Outreach 1.50m.

Specifications.

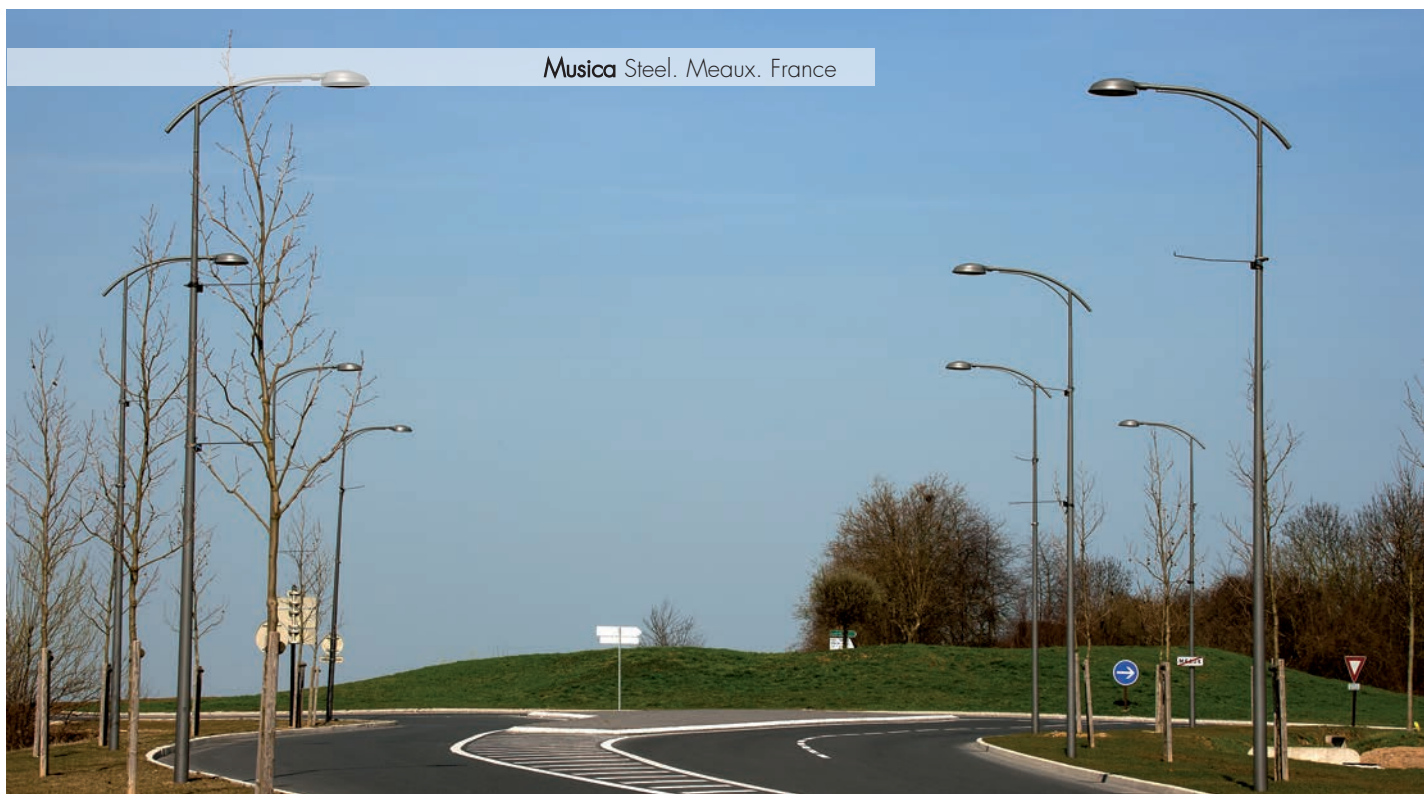
Musica Steel S235.
CityLand Steel ASTM A595A.
4 double flutes.














Musica Steel. Ploudalmezeau. France



Musica Steel. Meaux. France



Musica Dimensions

											
	Shaft height (m)	Top (mm)	Base (mm)	Space for coupling (mm)			Flange (mm)		Embedding (mm)		
				Height	Width	Distance	Internal dimensions	Bolt spacing	Width	Concrete	Ground
Steel	6	60	151	500	85	500	82x85	200	271	800	1000
	7	60	167	500	90	500	100x90	300	412	1000	1200
	8	60	183	500	90	500	105x90	300	412	1000	1200
	9	60	202	500	90	500	135x90	300	412	1200	1500
City- Quartz	5	89	147	500	92	500	80x90	300	412	600	800
	7	89	171	500	110	500	100x90	300	400	1000	1200
	9	89	194	600	125	500	120x130	300	400	1200	1500
CityLand	5	89	147	500	92	500	80x90	300	412	600	800
	7	89	171	500	110	500	100x90	300	400	1000	1200

Lighting height = Shaft height + 0.45m. L= 1.50m.

Dimensions and technical information are indicative.
Valmont reserves the right to modify, immediately and without notice, any technical or aesthetic specifications it deems necessary to improve Ambiance Collection products.

Bluebird

WHEN A VEIL AND A SPIKE ENERGISE THE ATMOSPHERE...

Machine-welded range made up of an arm and a spike combined with a veil.

Single and double bracket, 1.20m outreach, 5° tilting. Can be fitted at a range of heights from 6 to 9m.

100% Aluminium furniture can be installed on all types of 60mm Aluminium mast tops.

Bracket Aluminium 6060T6.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0006.





Visual not contractual.

Bluebird

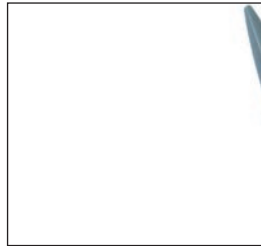
| Bluebird |

Description.

100% Aluminium range.
Height range : 6 to 9m.
Outreach 1.20m.

Specifications.

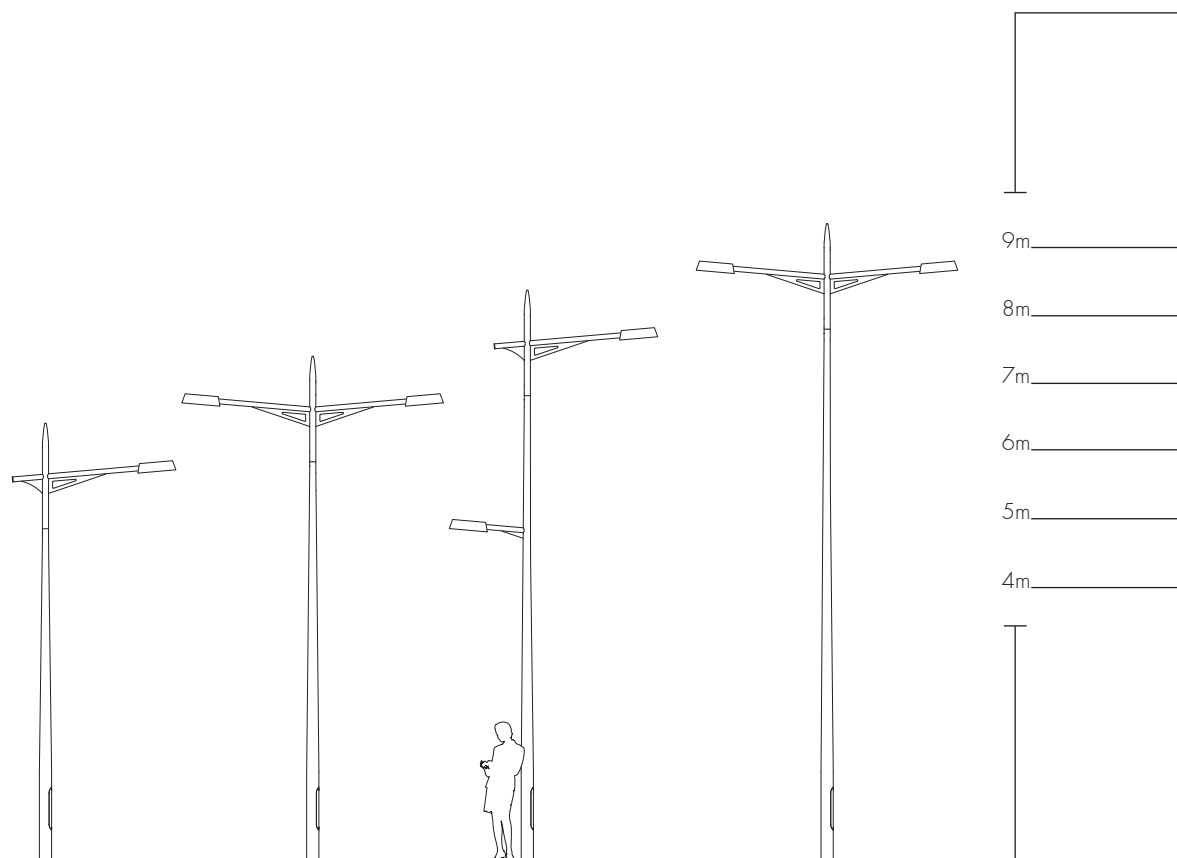
Bluebird Aluminium 6060T6.
Round conical spun Aluminium 6060T5.
Continuity between pole & bracket.



Bluebird. Villefagnan. France



Bluebird Dimensions



	Shaft height (m)	Top (mm)	Base (mm)	Space for coupling (mm)			Internal dimensions	Bolt spacing	Flange (mm)	Embedding (mm)	
				Height	Width	Distance				Concrete	Ground
Alumi- nium	6	75	150	500	95	500	77x95	300	418	800	1000
	7	75	150	500	95	500	77x95	300	418	1000	1200
	8	75	180	500	120	500	106x120	300	418	1000	1200
	9	75	180	500	120	500	106x120	300	418	1200	1500

Lighting height = Shaft height + 0.75m. L= 1.20m.

Dimensions and technical information are indicative.
Valmont reserves the right to modify, immediately and without notice, any technical or aesthetic specifications it deems necessary to improve Ambiance Collection products.

Cormoran

WHEN A GREAT CLASSIC COMES ALONG TO PRODUCE A CONTEMPORARY ATMOSPHERE...

Single and double bracket, 1 & 1.50m outreach, 5° tilting. Can be fitted at a range of heights from 6 to 9m.

100% Mixed furniture, can be installed on all types of 75mm mast tops, Steel & Aluminium.

Bracket Aluminium 6060T6 & Steel S235.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0004 & 0006.



EVOLUTION

Visual not contractual.

237

Cormoran

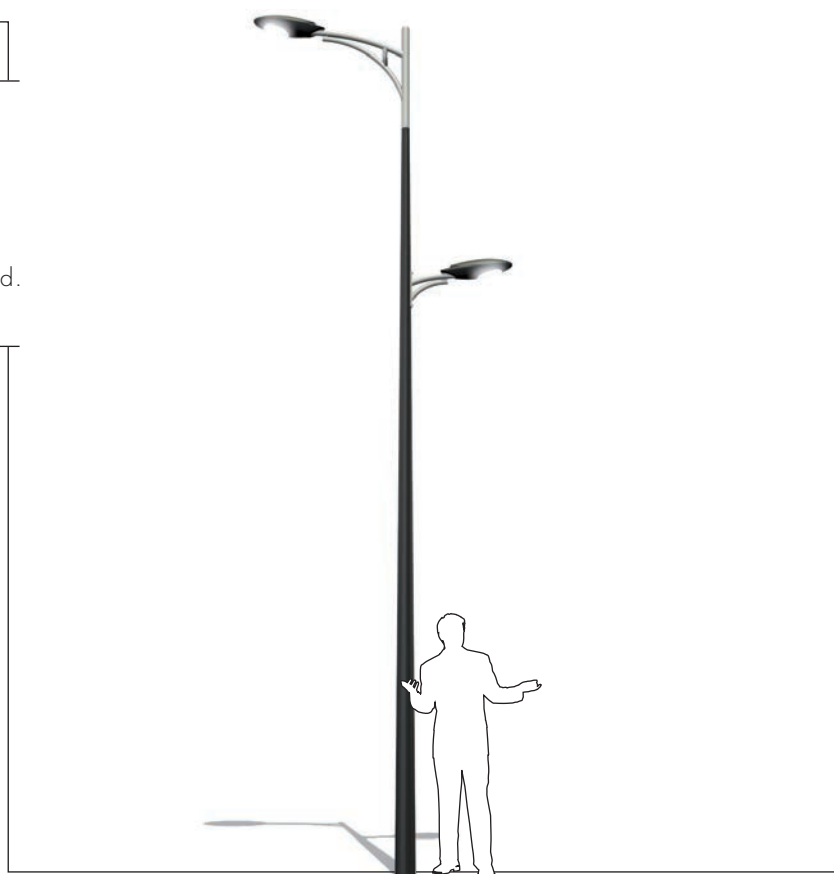
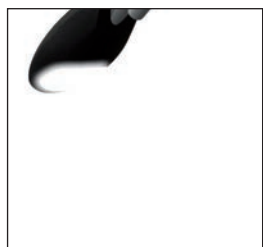
| Cormoran Steel |

Description.

100% Steel range.
Height range : 6 to 9m.
Outreach 1 & 1.50m.

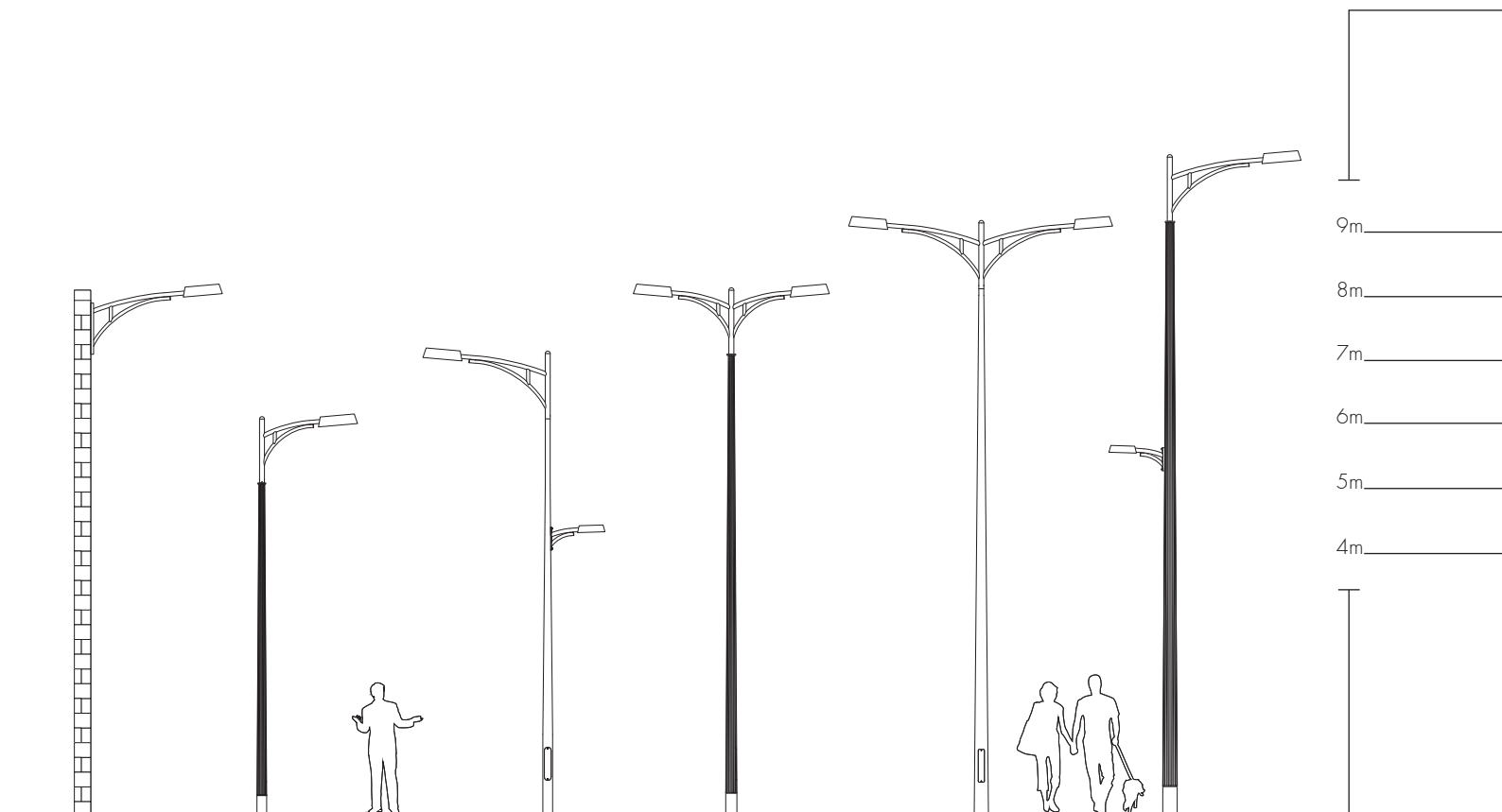
Specifications.

Cormoran Steel S235.
Round conical Steel HLE S420 without visible welded.
Continuity between pole & bracket.



Cormoran Steel. Saint-Lô. France





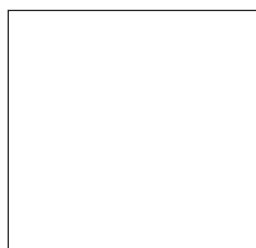
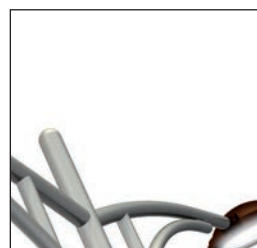
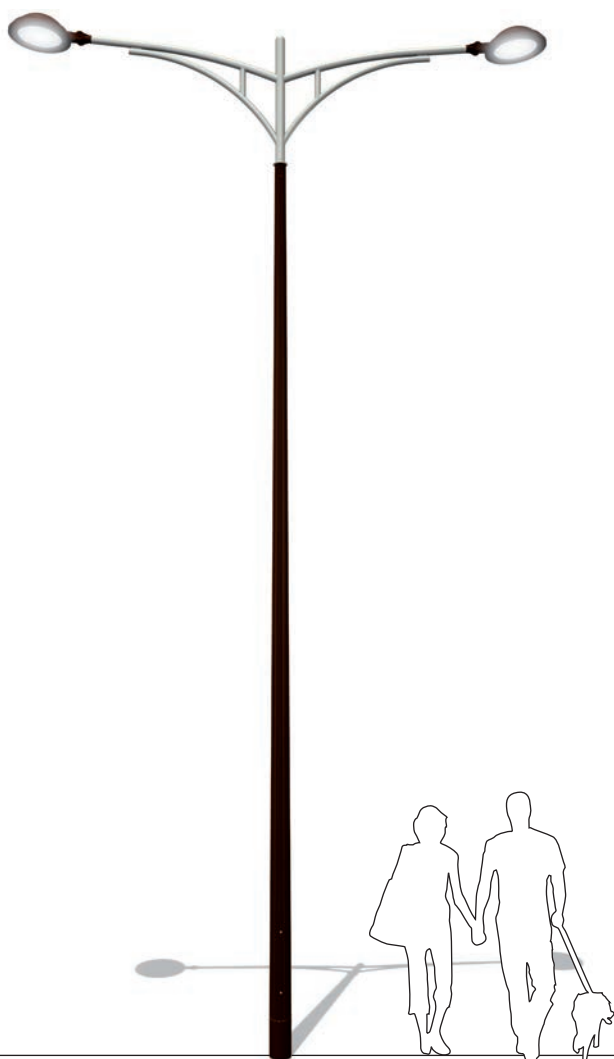
| Cormoran CityQuartz |

Description.

100% Steel range.
Height range : 5 to 9m.
Outreach 1 & 1.50m.

Specifications.

Cormoran Steel S235.
CityQuartz Steel ASTM A595A.



Cormoran

| Cormoran Aluminium |

Description.

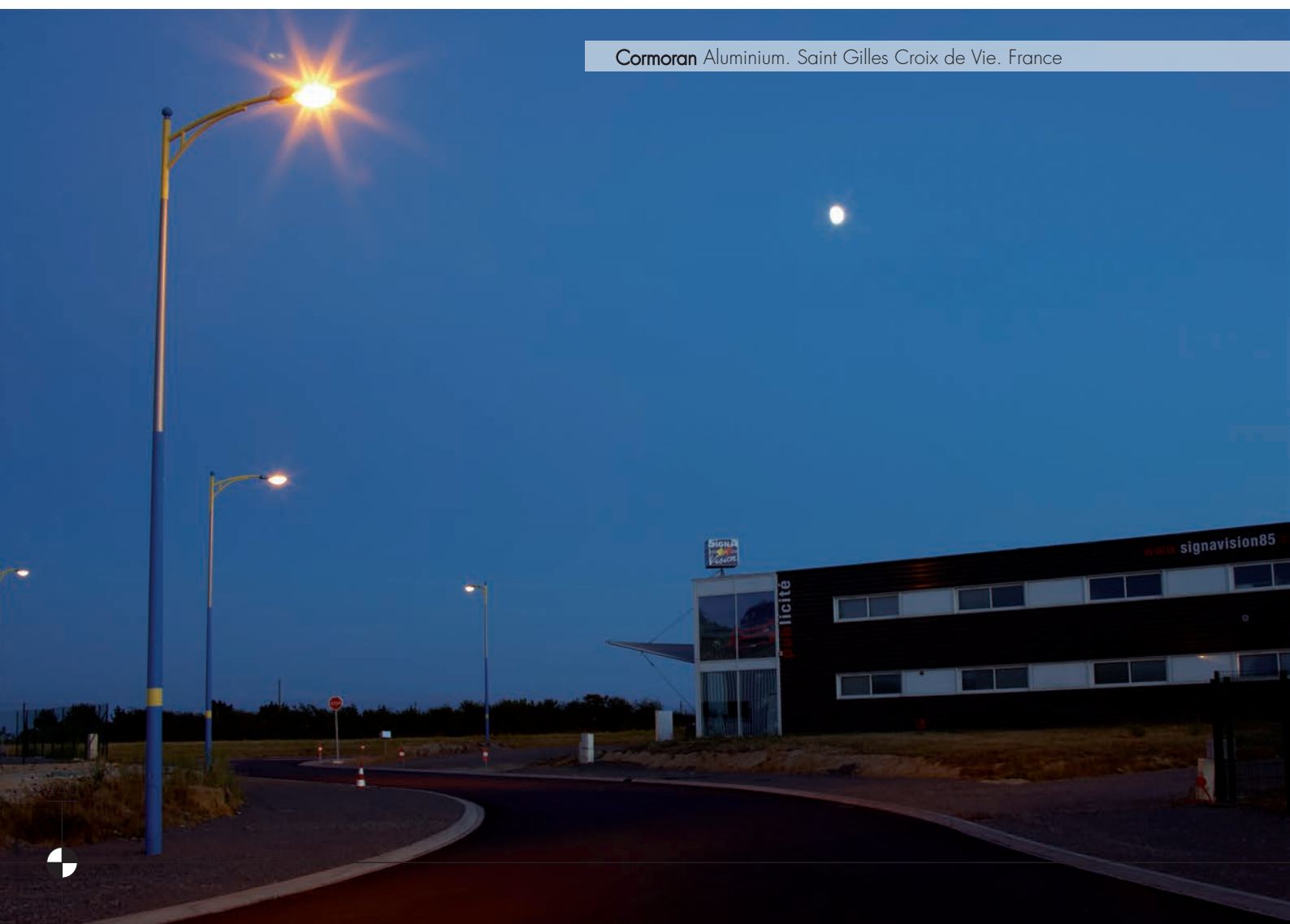
100% Aluminium range.
Height range : 6 to 9m.
Outreach 1 & 1.50m.

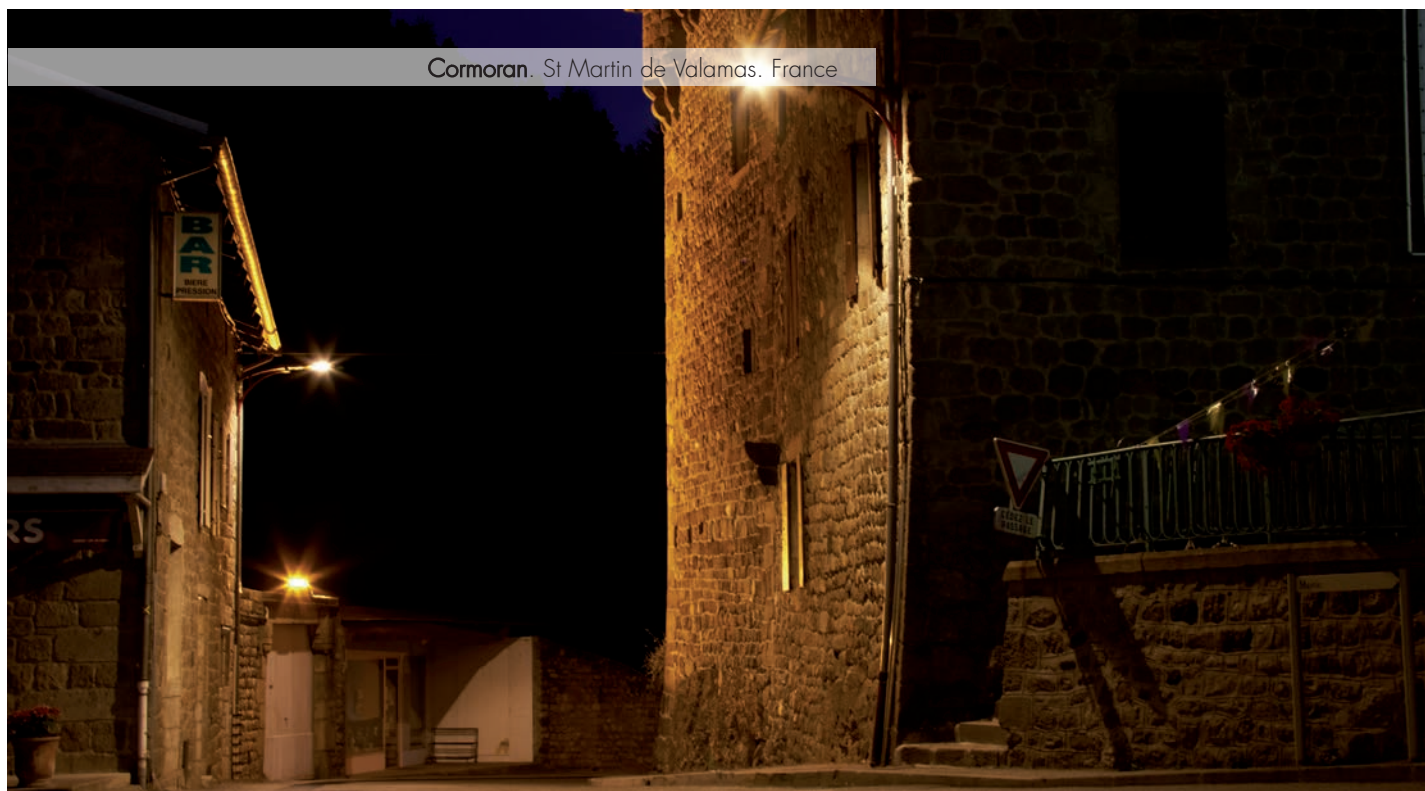
Specifications.

Cormoran Aluminium 6060T6.
Round conical spun Aluminium 6060T5.
Continuity between pole & bracket.














Cormoran Aluminium. Saint Gilles Croix de Vie. France





Cormoran. St Martin de Valamas. France

Cormoran Dimensions

											
	Shaft height (m)	Top (mm)	Base (mm)	Space for coupling (mm)				Flange (mm)		Embedding (mm)	
				Height	Width	Distance	Internal dimensions	Bolt spacing	Width	Concrete	Ground
Steel	6	75	152	500	85	500	101x85	300	412	800	1000
	7	75	168	500	85	500	118x90	300	412	1000	1200
	8	75	187	500	90	500	133x90	300	412	1000	1200
	9	75	200	500	90	500	139x90	300	412	1200	1500
City- Quartz	5	89	147	500	92	500	80x90	300	412	600	800
	7	89	171	500	110	500	100x90	300	400	1000	1200
	9	89	194	600	125	500	120x130	300	400	1200	1500
Alumi- nium	6	75	150	500	95	500	77x95	300	418	800	1000
	7	75	150	500	95	500	77x95	300	418	1000	1200
	8	75	180	500	120	500	106x120	300	418	1000	1200
	9	75	180	500	120	500	106x120	300	418	1200	1500

Lighting height = Shaft height + 1.00m. L= 1.00m.
Lighting height = Shaft height + 1.00m. L= 1.50m.

Dimensions and technical information are indicative.
Valmont reserves the right to modify, immediately and without notice, any technical or aesthetic specifications it deems necessary to improve Ambiance Collection products.

Aquatic

WHEN RIGGING CREATES A NAUTICAL ATMOSPHERE...

Machine-welded range made up of a straight arm supported by a Stainless Steel brace.

Single and double bracket, 1 & 1.50m outreach, 0° tilting. Can be fitted at a range of heights from 6 to 9m.

100% Mixed furniture, can be installed on all types of 60mm mast tops, Steel & Aluminium.

Bracket Aluminium 6060T6 & Steel S235.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0005 & 0006.





Aquatic

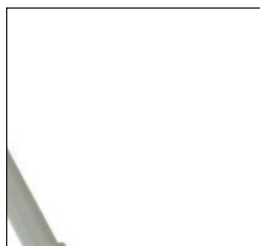
| Aquatic Bi-section |

Description.

100% Steel range.
Height range : 6 to 9m.
Outreach 1 & 1.50m.

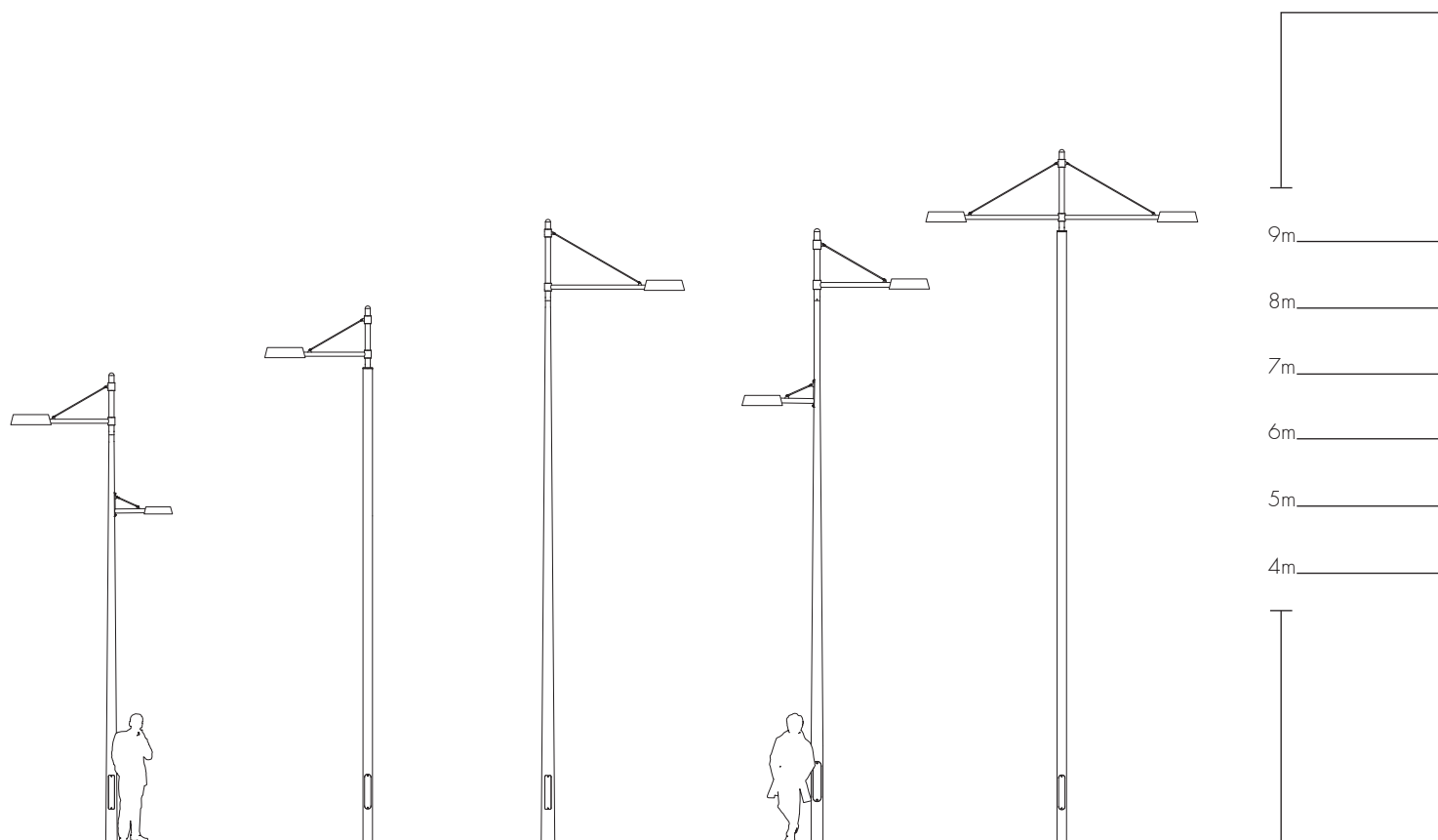
Specifications.

Aquatic Steel S235.
Bi-section Steel S235.



Aquatic Bi-section. La Rochelle. France





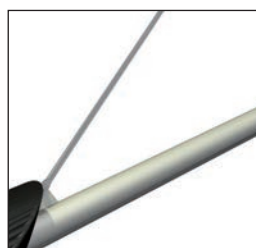
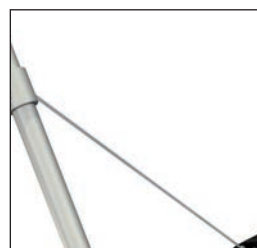
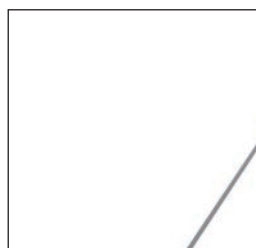
| Aquatic Steel |

Description.

100% Steel range.
Height range : 6 to 9m.
Outreach 1 & 1.50m.

Specifications.

Aquatic Steel S235.
Round conical Steel HLE S420 without visible welded.
Continuity between pole & bracket.



Aquatic

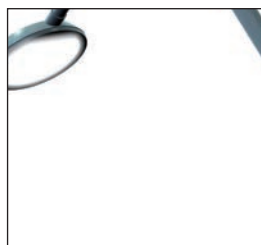
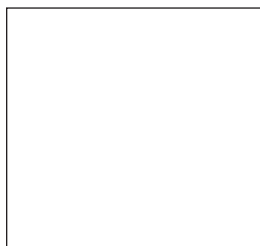
| Aquatic Aluminium |

Description.

100% Aluminium range.
Height range : 6 to 9m.
Outreach 1 & 1.50m.

Specifications.

Aquatic Aluminium 6060T6.
Round conical spun Aluminium 6060T5.
Continuity between pole & bracket.



Aquatic SP tilted. Pontallier. France



Aquatic Aluminium. Hirson. France



Aquatic Dimensions

	Shaft height (m)	Top (mm)	Base (mm)	Dimensions Porte (mm)				Semelle (mm)		Enfoncement (mm)	
				Hauteur	Largeur	Distance	Carré inscrit	Entraxe	Largeur	Béton	Sol
Bi-section	6	75	140	500	80	500	91x70	200	271	800	1000
	7	75	140	500	80	500	91x70	300	400	1000	1200
	8	75	140	500	80	500	91x70	300	400	1000	1200
	9	75	140	500	80	500	91x70	300	400	1200	1500
Steel	6	75	168	500	85	500	101x85	300	412	800	1000
	7	75	187	500	90	500	118x90	300	412	1000	1200
	8	75	200	500	90	500	133x90	300	412	1000	1200
	9	75	216	500	90	500	139x90	300	412	1200	1500
Alumi- nium	6	75	150	500	95	500	77x95	300	418	800	1000
	7	75	150	500	95	500	77x95	300	418	1000	1200
	8	75	180	500	120	500	106x120	300	418	1000	1200
	9	75	180	500	120	500	106x120	300	418	1200	1500

Lighting height = Shaft height + 0.20m. L= 1.00m.

Lighting height = Shaft height + 0.20m. L= 1.50m.

Dimensions and technical information are indicative.

Valmont reserves the right to modify, immediately and without notice, any technical or aesthetic specifications it deems necessary to improve Ambiance Collection products.

Iloa

WHEN A DOUBLE CURVE ENERGISES YOUR ATMOSPHERES...

Machine-welded range made up of a spike combined with a double-arched arm.

Single and double bracket, 0.75 & 1.50m outreach, 5° tilting. Can be fitted at a range of heights from 6 to 9m.

100% Steel furniture can be installed on all types of 75mm Steel mast tops.

Bracket Steel S235.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0004.



EVOLUTION



Visual not contractual.

249

Iloa

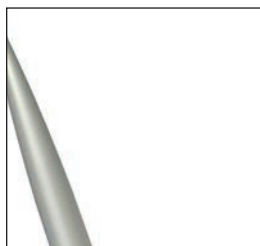
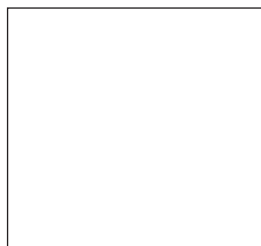
| Iloa Steel |

Description.

100% Steel range.
Height range : 6 to 9m.
Outreach 0.75 & 1.50m.

Specifications.

Iloa Steel S235.
Round conical Steel HLE S420 without visible welded.
Continuity between pole & bracket.



Iloa Steel tilted. La Rochelle. France



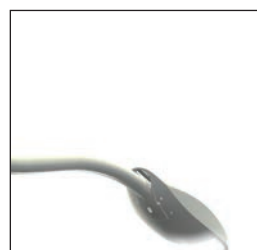
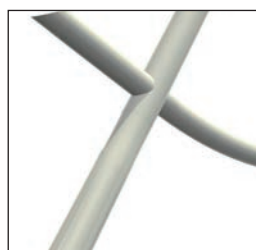
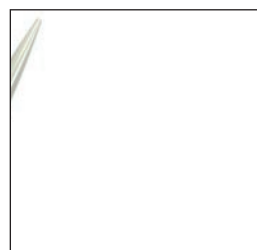
| Iloa Steel tilted |

Description.

100% Steel range.
Height range : 6 to 9m.
Outreach 0.75 & 1.50m.
Tilting 7°.

Specifications.

Iloa Steel S235.
Round conical Steel HLE S420 without visible welded.



Iloa

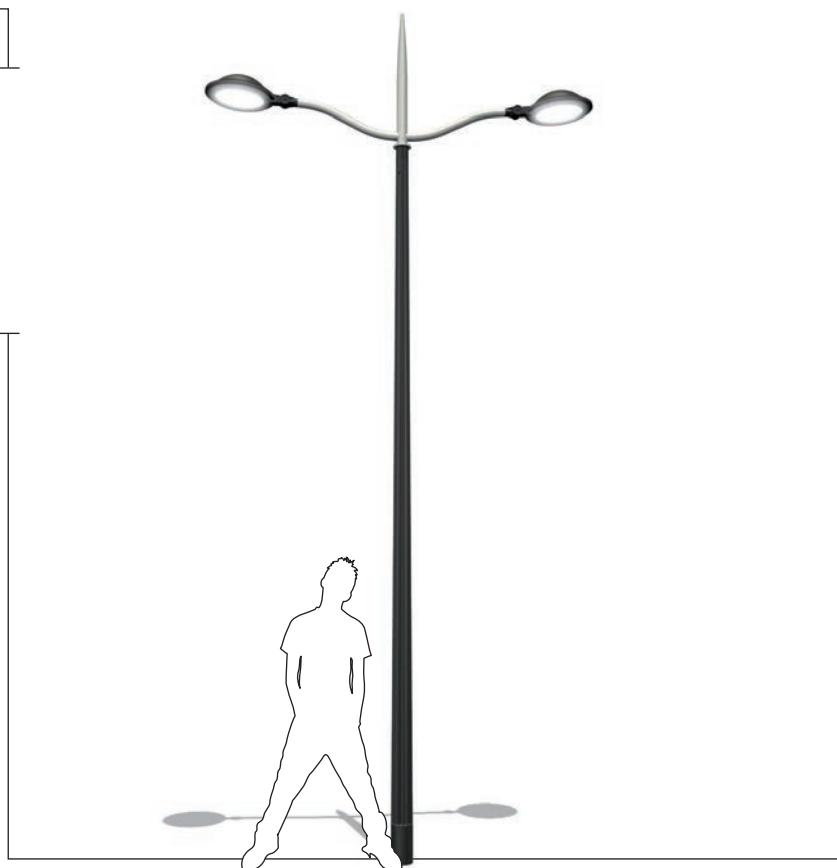
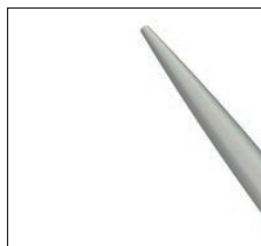
| Iloa CityQuartz |

Description.

100% Steel range.
Height range : 5 to 9m.
Outreach 0.75 & 1.50m.

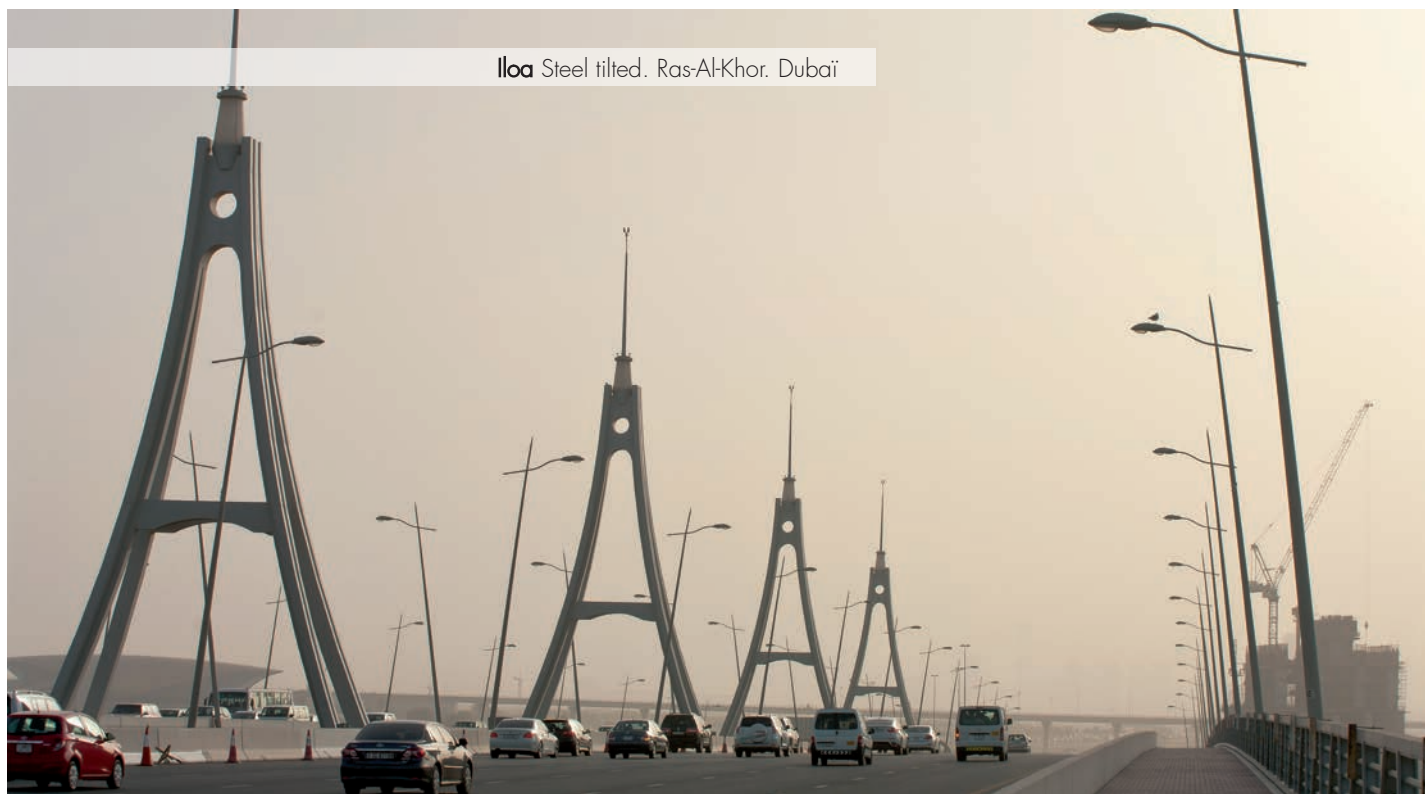
Specifications.

Iloa Steel S235.
CityQuartz Steel ASTM A595A.














Iloa Steel. Bellerive sur Allier. France





| lloa Dimensions |

											
	Shaft height (m)	Top (mm)	Base (mm)	Space for coupling (mm)				Flange (mm)		Embedding (mm)	
				Height	Width	Distance	Internal dimensions	Bolt spacing	Width	Concrete	Ground
Steel	6	75	168	500	85	500	101x85	300	412	800	1000
	7	75	187	500	90	500	118x90	300	412	1000	1200
	8	75	200	500	90	500	133x90	300	412	1000	1200
	9	75	216	500	90	500	139x90	300	412	1200	1500
City- Quartz	5	89	147	500	92	500	80x90	300	412	600	800
	7	89	171	500	110	500	100x90	300	400	1000	1200
	9	89	194	600	125	500	120x130	300	400	1200	1500

Lighting height = Shaft height + 0.30m. L= 0.75m.
 Lighting height = Shaft height + 0.50m. L= 1.50m.

Dimensions and technical information are indicative.
 Valmont reserves the right to modify, immediately and without notice, any technical or aesthetic specifications it deems necessary to improve Ambiance Collection products.

Troïka

WHEN A VEIL CREATES AN URBAN ATMOSPHERE...

Machine-welded range made up of a cylindrical arm combined with a triangular gusset veil.

Single and double bracket, 1.00 & 1.50m outreach, 0° tilting. Can be fitted at a range of heights from 6 to 9m.

100% Steel furniture can be installed on all types of 75mm Steel mast tops.

Bracket Steel S235.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0004.



EVOLUTION



Visual not contractual.

255

Troïka

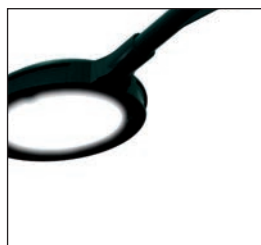
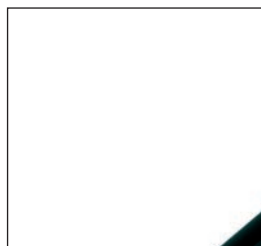
| Troïka Steel |

Description.

100% Steel range.
Height range : 6 to 9m.
Outreach 1 & 1.50m.

Specifications.

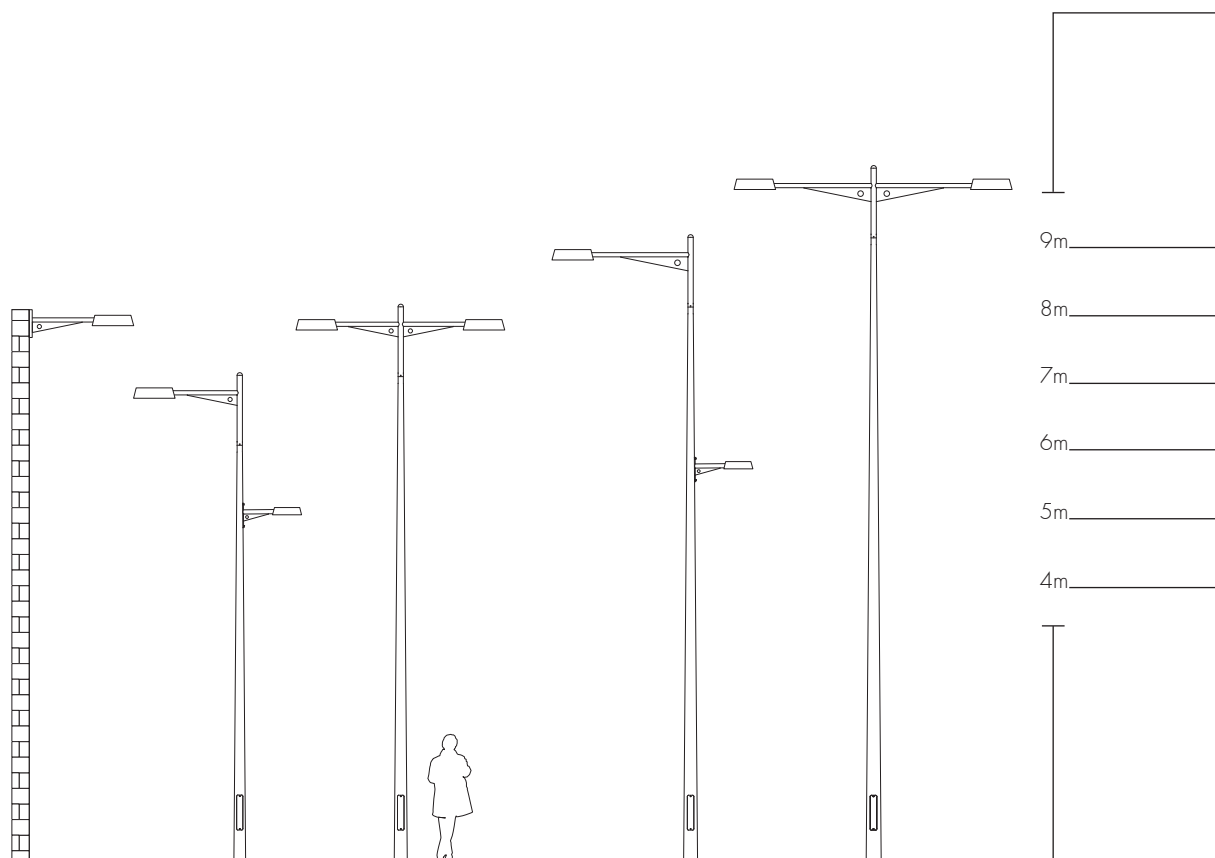
Troïka Steel S235.
Round conical Steel HLE S420 without visible welded.
Continuity between pole & bracket.



Troïka Steel. Chartres. France



Troika Dimensions



	Shaft height (m)	Top (mm)	Base (mm)	Space for coupling (mm)			Internal dimensions	Bolt spacing	Flange (mm)	Embedding (mm)	
				Height	Width	Distance				Concrete	Ground
Steel	6	75	168	500	85	500	101x85	300	412	800	1000
	7	75	187	500	90	500	118x90	300	412	1000	1200
	8	75	200	500	90	500	133x90	300	412	1000	1200
	9	75	216	500	90	500	139x90	300	412	1200	1500

Lighting height = Shaft height + 0.75m. L= 1.00m.

Lighting height = Shaft height + 0.75m. L= 1.50m.

Dimensions and technical information are indicative.

Valmont reserves the right to modify, immediately and without notice, any technical or aesthetic specifications it deems necessary to improve Ambiance Collection products.

Aéria

WHEN URBAN DYNAMICS ARE VEILED...

Machine-welded range made up of a pointer, an arched arm and two gussets.

Single and double bracket, 1.20m outreach, 5° tilting. Can be fitted at a range of heights from 6 to 9m.

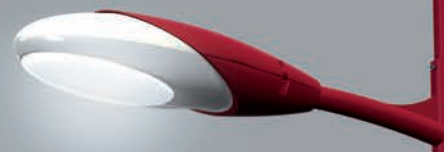
100% Steel furniture can be installed on all types of 75mm Steel mast tops.

Bracket Steel S235.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0004.



EVOLUTION



Visual not contractual.

259

Aéria

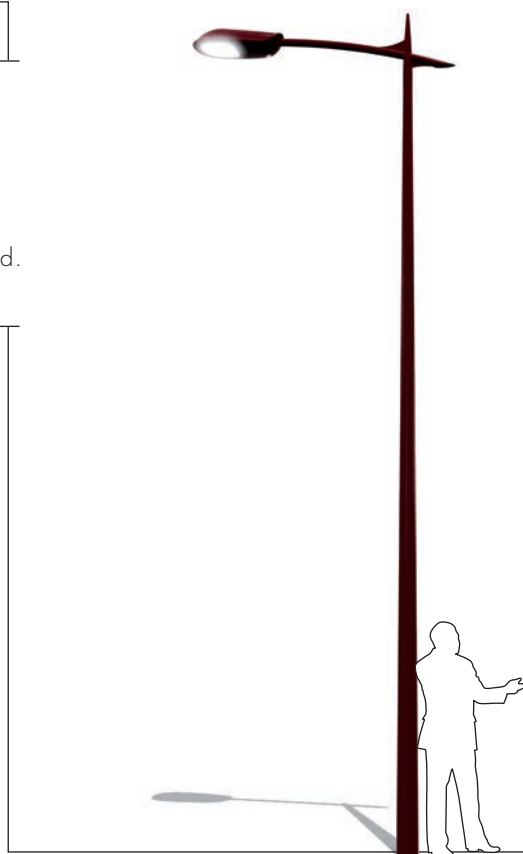
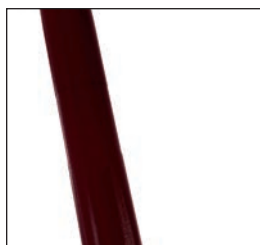
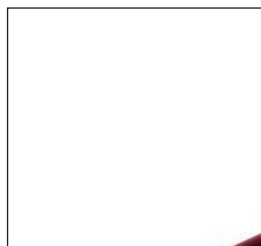
| Aéria Steel |

Description.

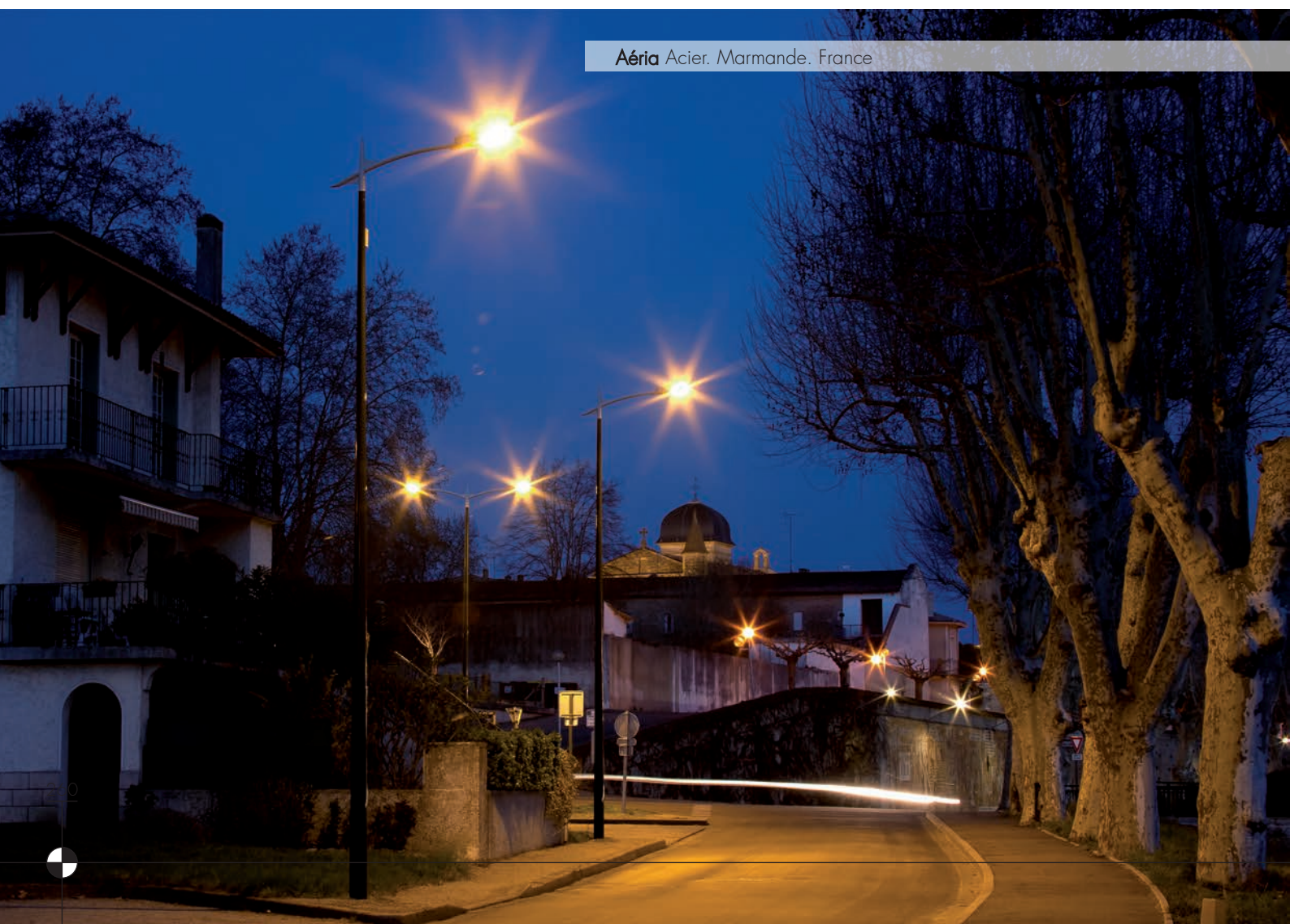
100% Steel range.
Height range : 5 to 9m.
Outreach 1.20m.

Specifications.

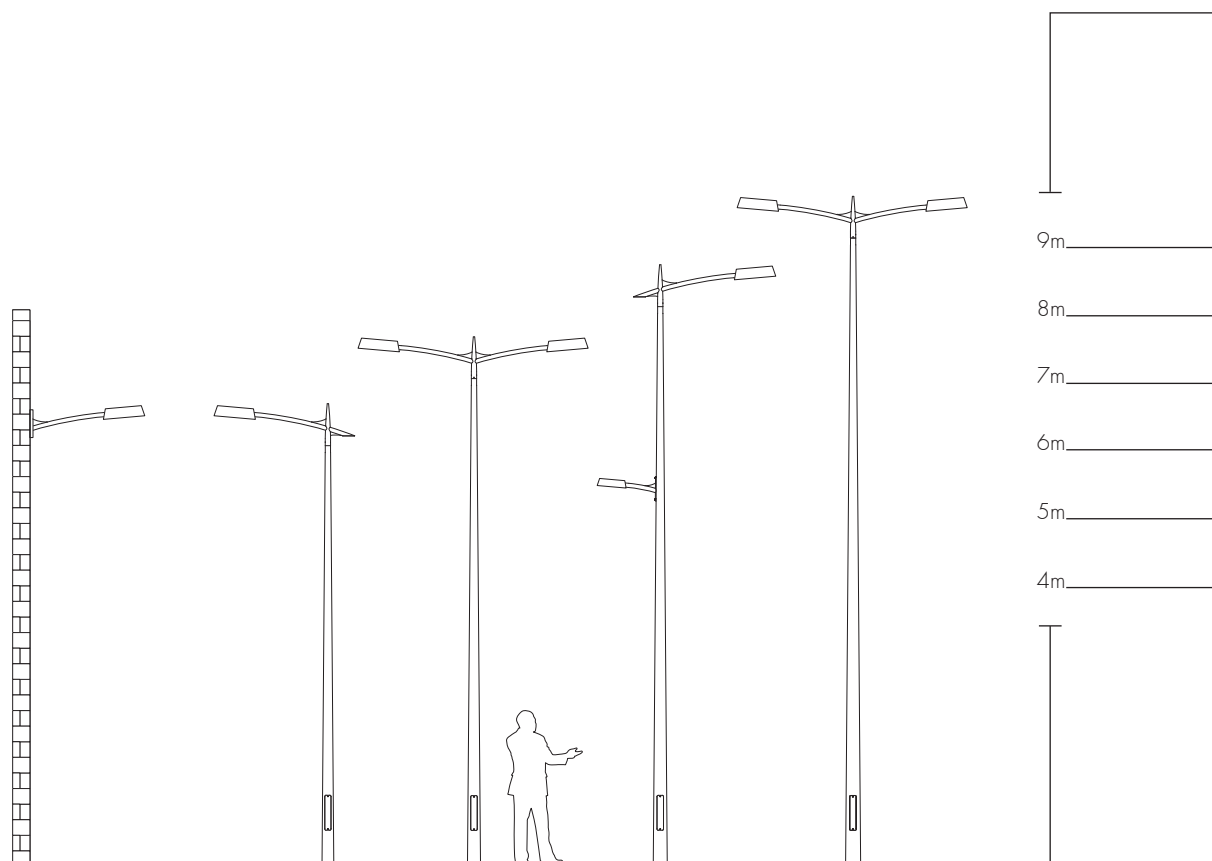
Aéria Steel S235.
Round conical Steel HLE S420 without visible welded.
Continuity between pole & bracket.



Aéria Acier. Marmande. France



Aéria Dimensions



	Shaft height (m)	Top (mm)	Base (mm)	Space for coupling (mm)			Internal dimensions	Bolt spacing	Width	Embedding (mm)	
				Height	Width	Distance				Concrete	Ground
Steel	6	75	168	500	85	500	101x85	300	412	800	1000
	7	75	187	500	90	500	118x90	300	412	1000	1200
	8	75	200	500	90	500	133x90	300	412	1000	1200
	9	75	216	500	90	500	139x90	300	412	1200	1500

Lighting height = Shaft height + 0.45m. L= 1.20m.

Dimensions and technical information are indicative.
Valmont reserves the right to modify, immediately and without notice, any technical or aesthetic specifications it deems necessary to improve Ambiance Collection products.

Palm'line

WHEN A PALM ESCAPES FROM A PALM GROVE...

Just like a contemporary palm tree, a visual metaphor which transposes this plant into lighting furniture.

Single and double bracket, 1.40m outreach, 7° tilting. Can be fitted at a range of heights from 6 to 9m.

100% Mixed furniture can be installed on all types of 75mm Steel mast tops.

Bracket Polyester with Steel core S235.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0004.



Design by Antoine Gailvoux



Visual not contractual.

263

Palm'line

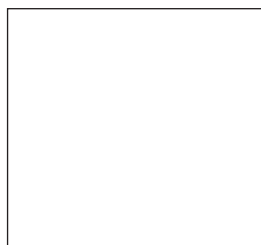
| Palm'line |

Description.

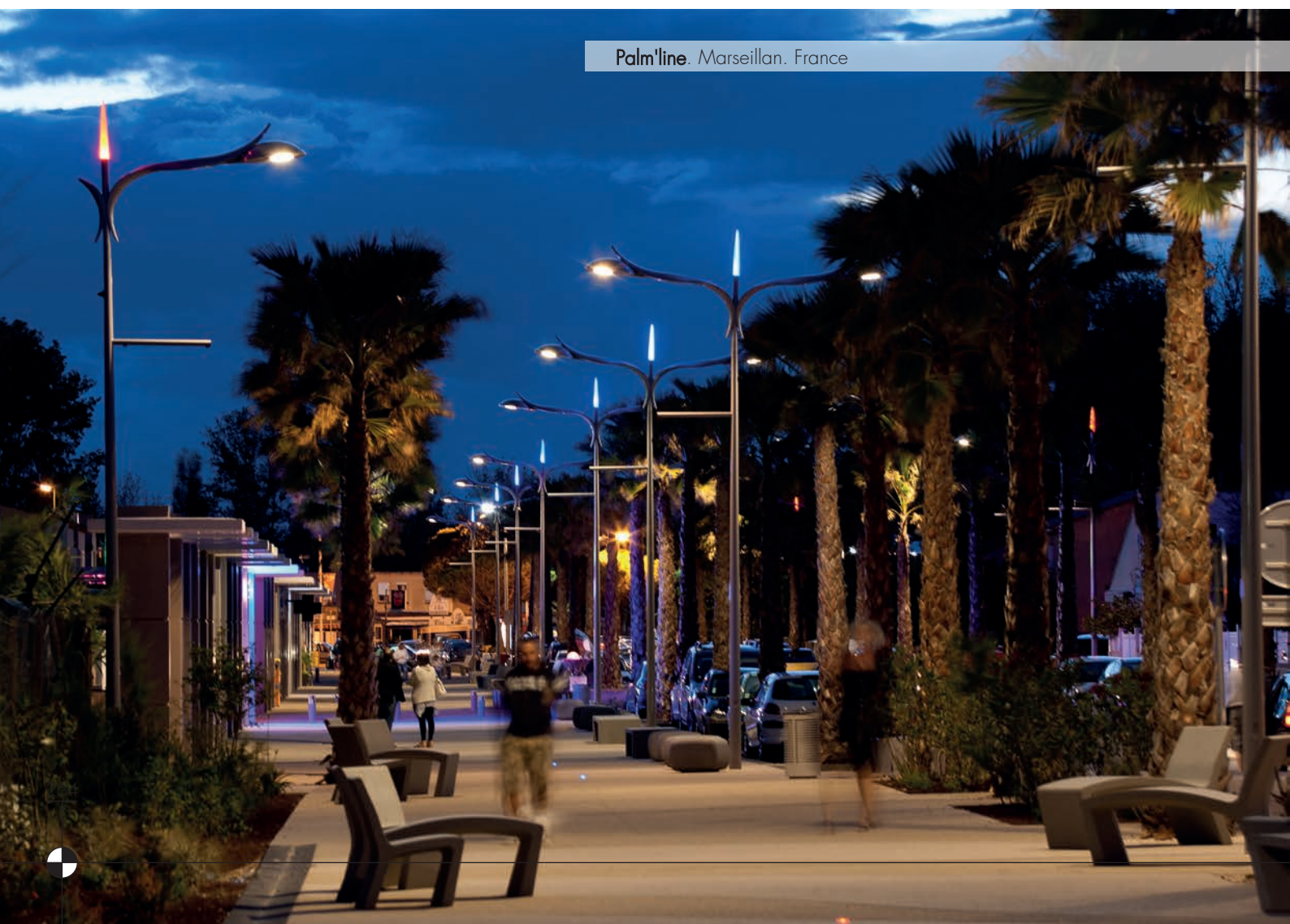
100% Mixed range.
Height range : 6 to 9m.
Outreach 1.40m.

Specifications.

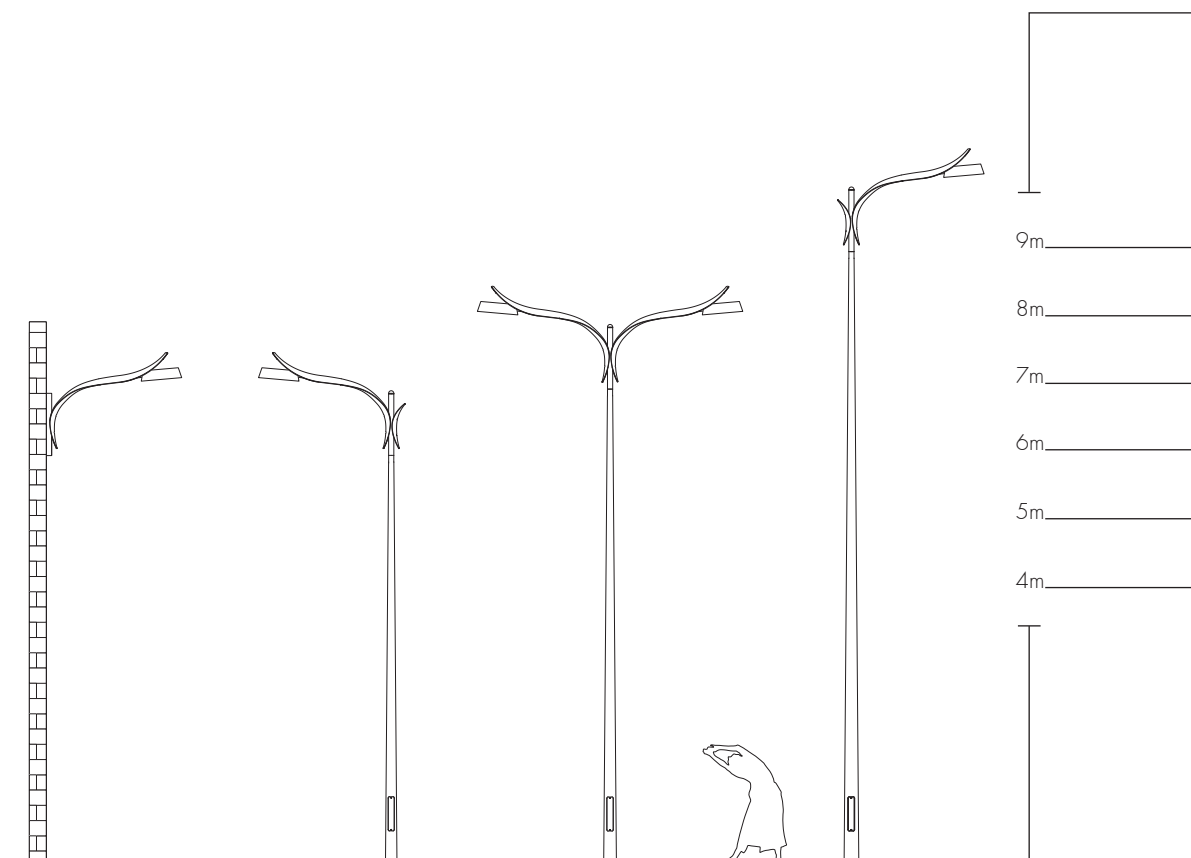
Palm'line Polyester & Steel S235.
Round conical Steel HLE S420 without visible welded.
Continuity between pole & bracket.



Palm'line. Marseillan. France



Palm'line Dimensions



	Shaft height (m)	Top (mm)	Base (mm)	Space for coupling (mm)			Internal dimensions	Bolt spacing	Flange (mm)	Embedding (mm)	
				Height	Width	Distance				Concrete	Ground
Steel	6	75	168	500	85	500	101x85	300	412	800	1000
	7	75	187	500	90	500	118x90	300	412	1000	1200
	8	75	200	500	90	500	133x90	300	412	1000	1200
	9	75	216	500	90	500	139x90	300	412	1200	1500

Lighting height = Shaft height + 1.20m. L= 1.40m.

Dimensions and technical information are indicative.
Valmont reserves the right to modify, immediately and without notice, any technical or aesthetic specifications it deems necessary to improve Ambiance Collection products.

Palm'line



Avenue de la Méditerranée.
Marseillan, France.



Contractor : **Ville de Marseillan**
Designer : **Antoine Golinviaux** © Valmont France
Company : **Allez & Cie**

The Classique Collection, just like the Ambiance Collection, brings together all the lamp posts which have been designed foremost for the look of the product itself and not with an eye to possible projects. It stands out quite simply because of its classical formal language.

The variations on each model are limited, reduced exclusively to the needs of roadways and more precisely those whose width or vegetation makes it necessary to deviate the flow of light.

Lastly, the designs of its brackets are created by combining simple shapes – flat or tubular, straight or arched – machine-welded together.

They each remain nevertheless identifiable, with enough character to mark out a development.

Classique

Collection

Palio

WHEN A CLASSIC COMES THROUGH TIME...

Machine-welded range made up of a straight arm supported by an arched flat and assembled with two Aluminium alloy half collars.

Single and double bracket, 1 & 1.50m outreach, 0° tilting. Can be fitted at a range of heights from 6 to 9m.

100% Mixed furniture, can be installed on all types of 75mm mast tops, Steel & Aluminium.

Bracket Aluminium 6060T6 & Steel S235.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0004 & 0006.





Visual not contractual.

271

Palio

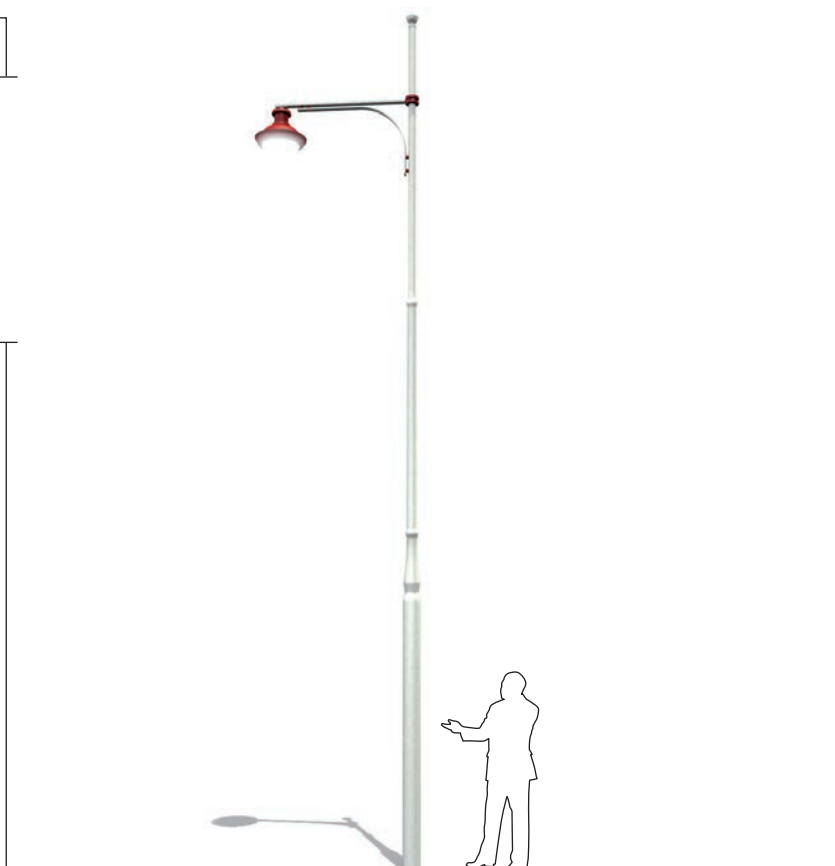
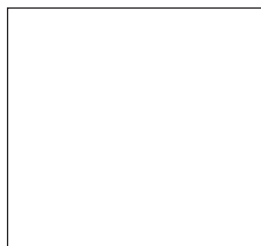
| Palio Anthéa |

Description.

100% Aluminium range.
Height range : 6 to 9m.
Outreach 1 & 1.50m.

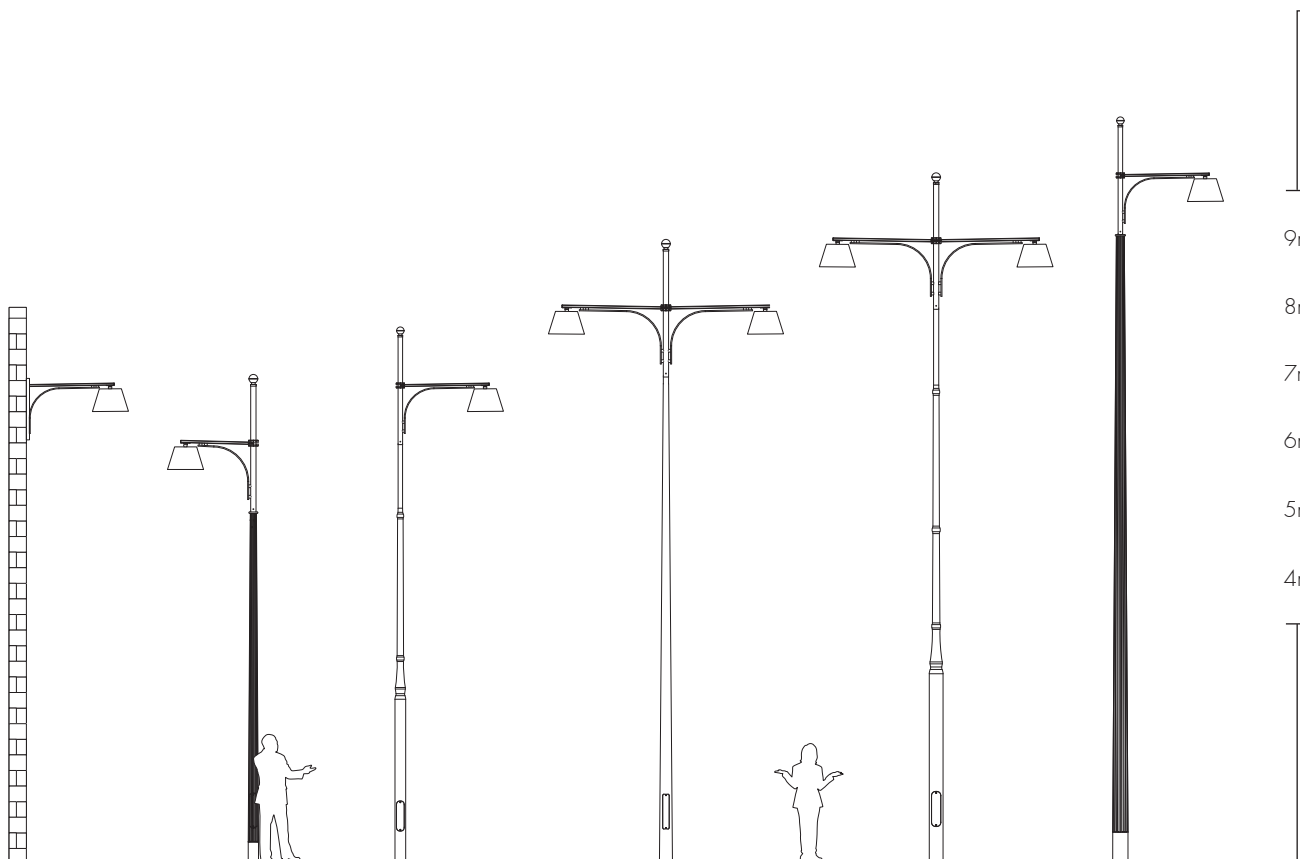
Specifications.

Palio Aluminium 6060T6.
Rings in AlSi7Mg Aluminium alloy.
Anthéa spun Aluminium 6060T5.



Palio Aluminium. Barbezieux St Hilaire. France





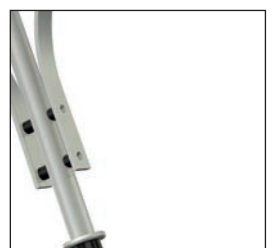
| Palio CityQuartz |

Description.

100% Steel range.
Height range : 5 to 9m.
Outreach 1 & 1.50m.

Specifications.

Palio Steel S235.
Rings in AlSi7Mg Aluminium alloy.
CityQuartz Steel ASTM A595A.



Palio

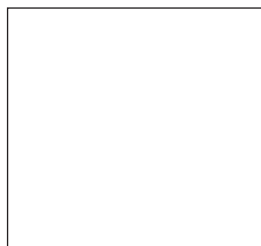
| Palio Steel |

Description.

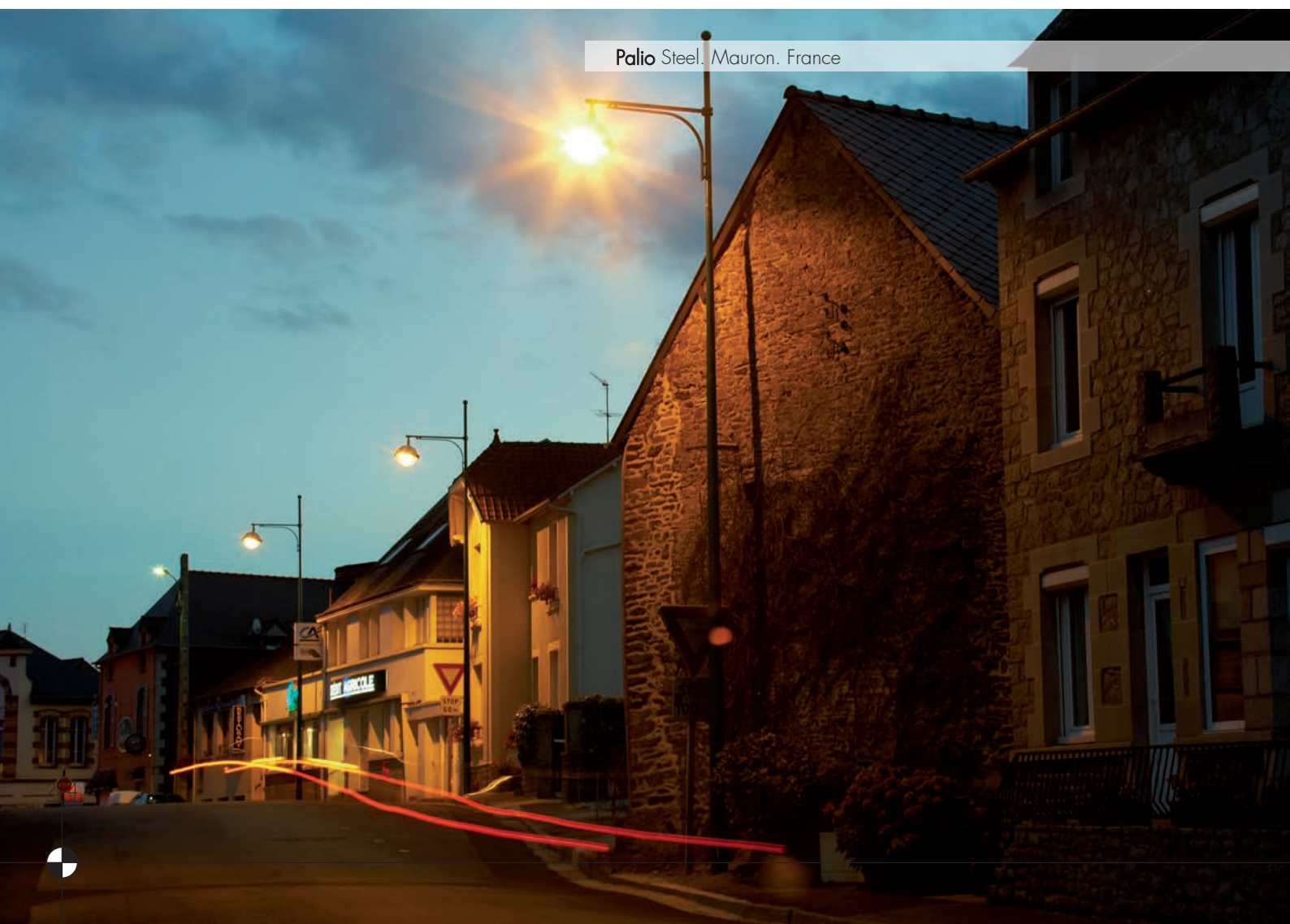
100% Steel range.
Height range : 6 to 9m.
Outreach 1 & 1.50m.

Specifications.

Palio Steel S235.
Rings in AlSi7Mg Aluminium alloy.
Round conical Steel HLE S420 without visible welded.














Palio Steel. Mauron. France





Palio Dimensions

											
	Shaft height (m)	Top (mm)	Base (mm)	Space for coupling (mm)			Flange (mm)		Embedding (mm)		
				Height	Width	Distance	Internal dimensions	Bolt spacing	Width	Concrete	Ground
Anthéa	6	75	180	500	120	500	106x120	300	400	800	1000
	7	75	180	500	120	500	106x120	300	400	1000	1200
	8	75	200	500	120	500	125x120	300	400	1000	1200
	9	75	200	500	120	500	125x120	300	400	1200	1500
Steel	6	75	168	500	85	500	101x85	300	412	800	1000
	7	75	187	500	90	500	118x90	300	412	1000	1200
	8	75	200	500	90	500	133x90	300	412	1000	1200
	9	75	216	500	90	500	139x90	300	412	1200	1500
City- Quartz	5	89	147	500	92	500	80x90	300	412	600	800
	7	89	171	500	110	500	100x90	300	400	1000	1200
	9	89	194	600	125	500	120x130	300	400	1200	1500

Lighting height = Shaft height + 1.00m. L= 1.00m.
Lighting height = Shaft height + 1.00m. L= 1.50m.

Dimensions and technical information are indicative.
Valmont reserves the right to modify, immediately and without notice, any technical or aesthetic specifications it deems necessary to improve Classique Collection products.

Galilée

WHEN TIMELESS BECOMES CLASSICAL...

Machine-welded range made up of a straight arm supported by an arched flat and assembled with three-rings.

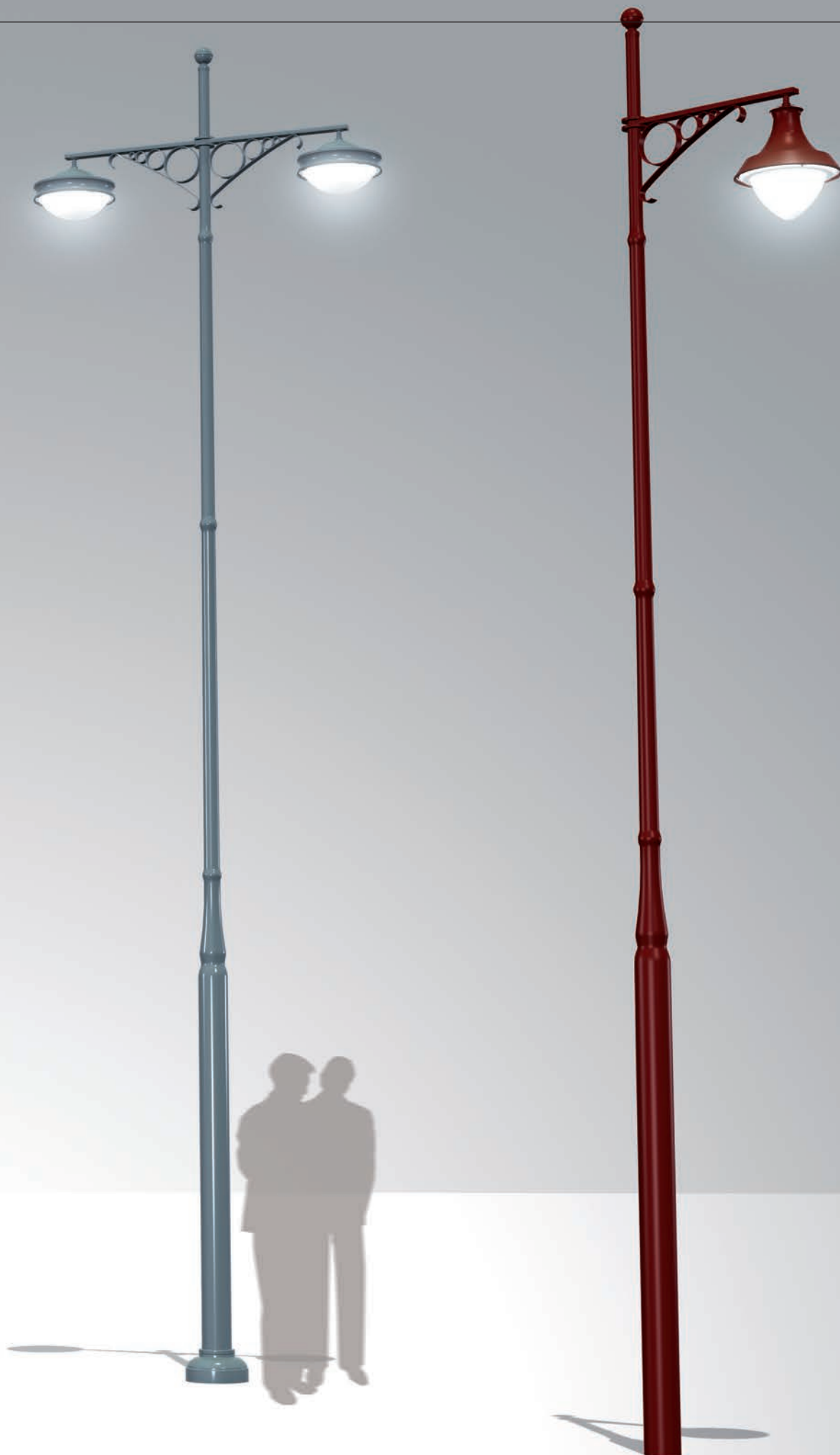
Single and double bracket, 1.00m outreach, 0° tilting. Can be fitted at a range of heights from 6 to 9m.

100% Aluminium furniture can be installed on all types of 75mm Aluminium mast tops.

Bracket Aluminium 6060T6.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0006.





Visual not contractual.

Galilée

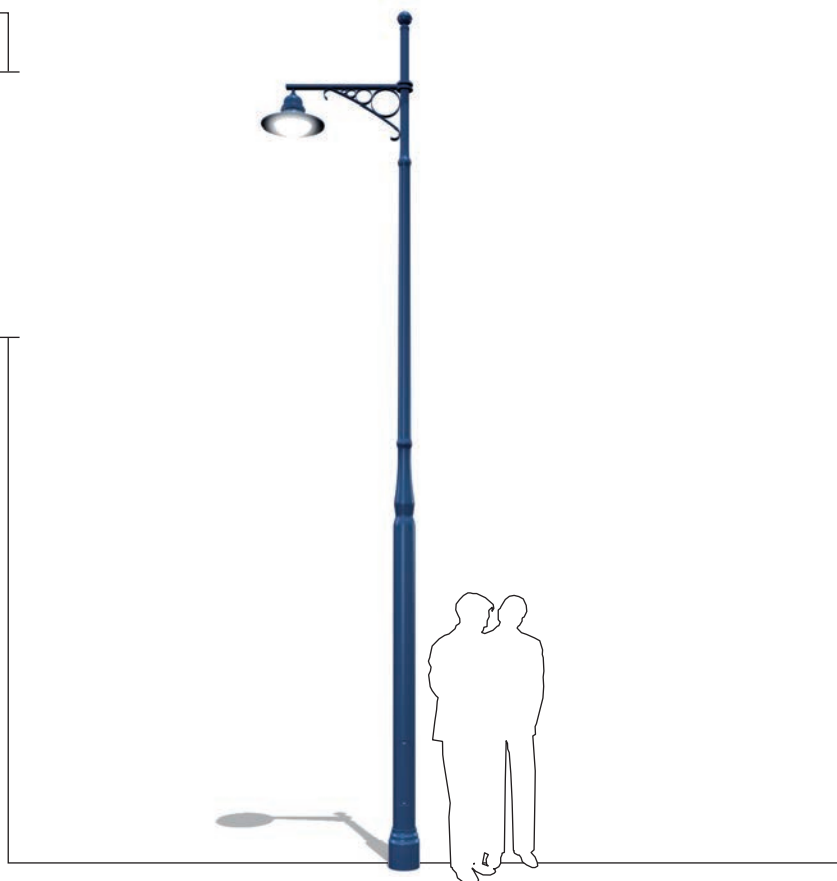
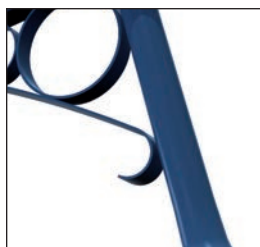
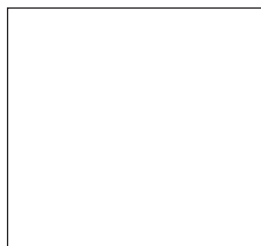
| Galilée Anthéa |

Description.

100% Aluminium range.
Height range : 6 to 9m.
Outreach 1m.

Specifications.

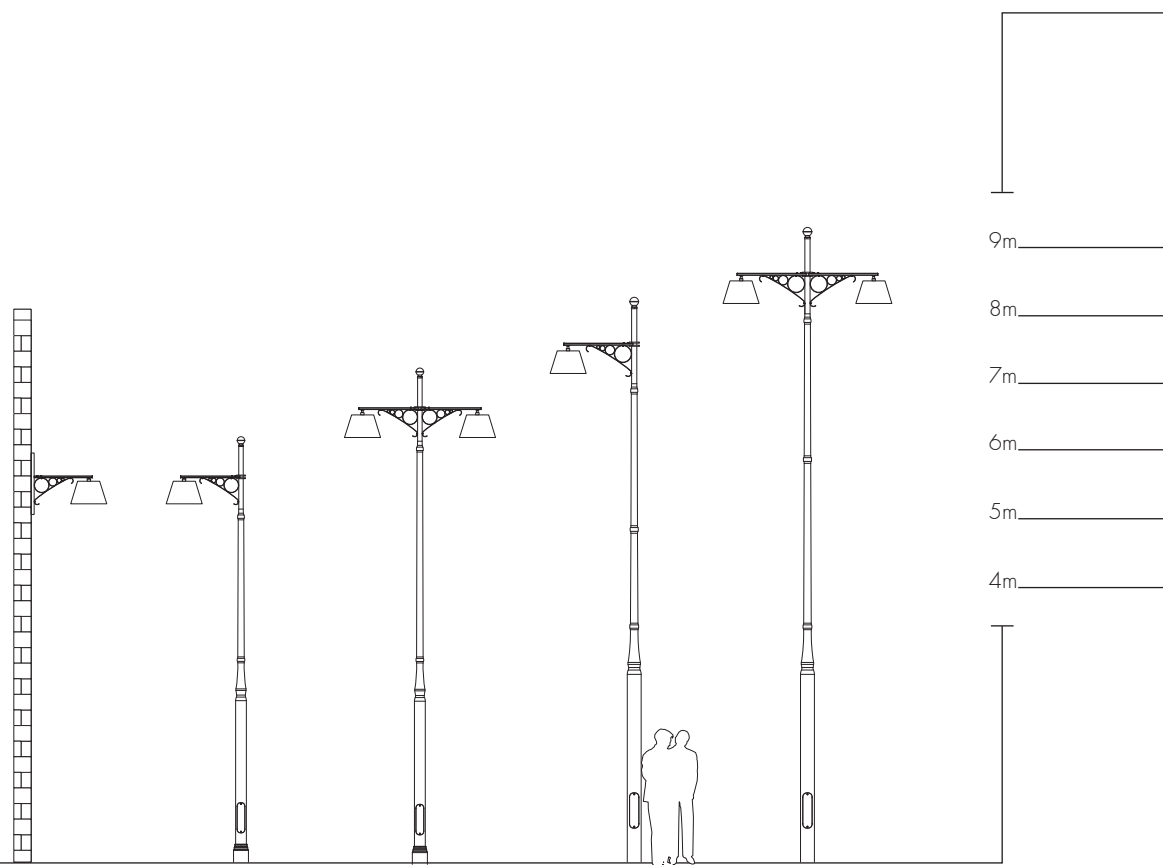
Galilée Aluminium 6060T6.
Anthéa spun Aluminium 6060T5.



Galilée Anthéa. Angeac Champagne. France



Galilée Dimensions



	Shaft height (m)	Top (mm)	Base (mm)	Space for coupling (mm)			Internal dimensions	Flange (mm)		Embedding (mm)	
				Height	Width	Distance		Bolt spacing	Width	Concrete	Ground
Anthéa	6	75	180	500	120	500	106x120	300	400	800	1000
	7	75	180	500	120	500	106x120	300	400	1000	1200
	8	75	200	500	120	500	125x120	300	400	1000	1200
	9	75	200	500	120	500	125x120	300	400	1200	1500

Lighting height = Shaft height - 0.50m. L= 1.00m.

Dimensions and technical information are indicative.
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Orient

WHEN THE CAPITAL INVITES ITSELF TO THE PROVINCES...

Machine-welded range made up of a double-arched arm supported by a metallic veil.

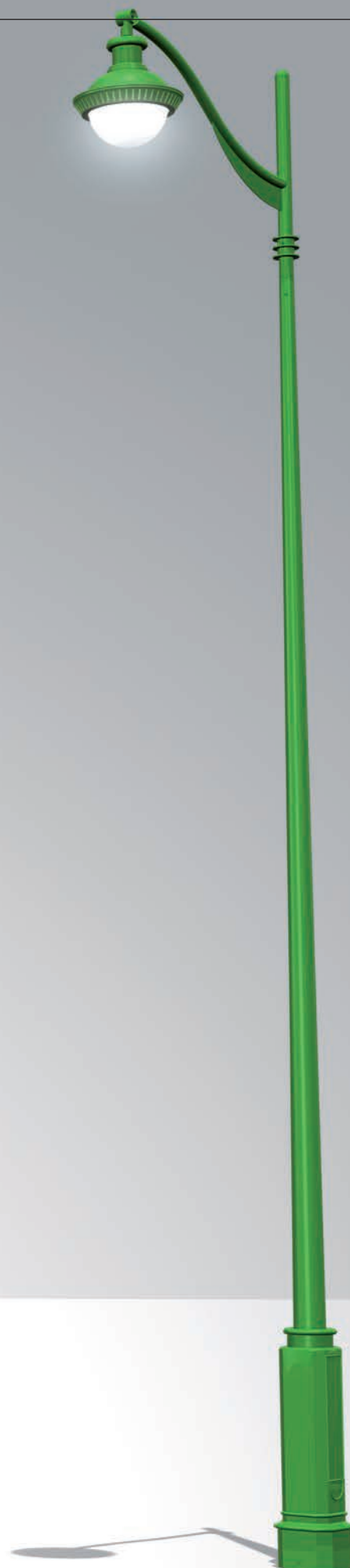
Single and double bracket, 1 & 1.50m outreach, 5° tilting. Can be fitted at a range of heights from 5 to 9m.

100% Mixed furniture, can be installed on all types of 75mm mast tops, Steel & Aluminium.

Bracket Aluminium 6060T6 & Steel S235.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0004 & 0006.





Orient

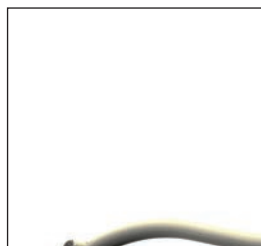
| Orient Anthéa |

Description.

100% Aluminium range.
Height range : 6 to 9m.
Outreach 1 & 1.50m.

Specifications.

Orient Aluminium 6060T5.
Anthéa spun Aluminium 6060T5.
Continuity between pole & bracket.



Orient Steel. St Maurice de Gourdans. France





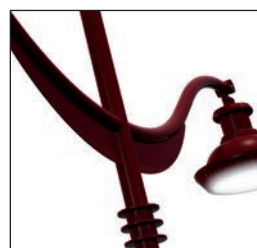
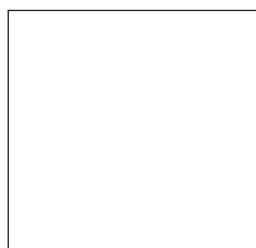
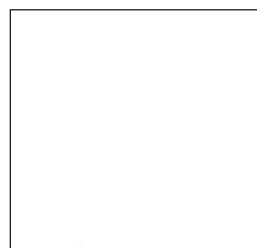
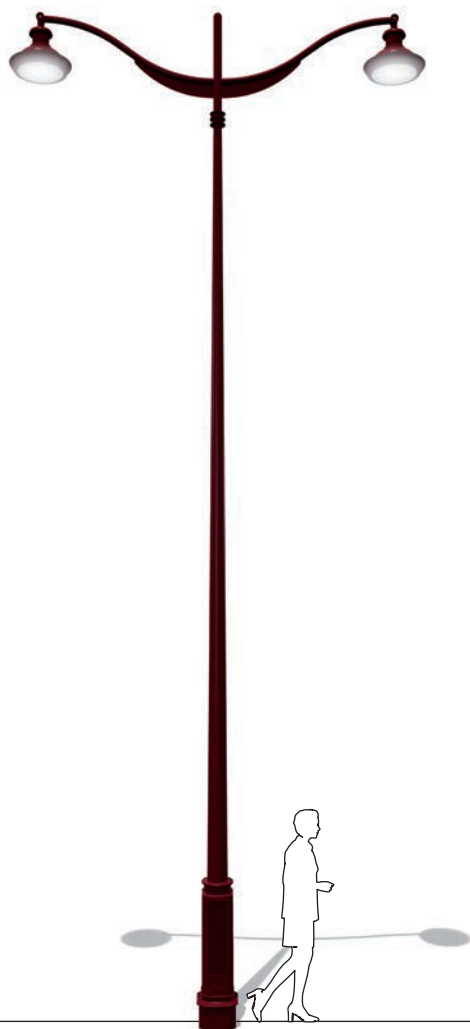
| Orient Steel |

Description.

100% Steel range.
Height range : 6 to 9m.
Outreach 1 & 1.50m.

Specifications.

Orient Steel S235.
Round conical Steel HLE S420 without visible welded.
Orient bollard cast-iron. Continuity between pole & bracket.



Orient

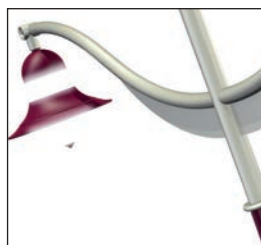
| Orient CityQuartz |

Description.

100% Steel range.
Height range : 5 to 9m.
Outreach 1 & 1.50m.

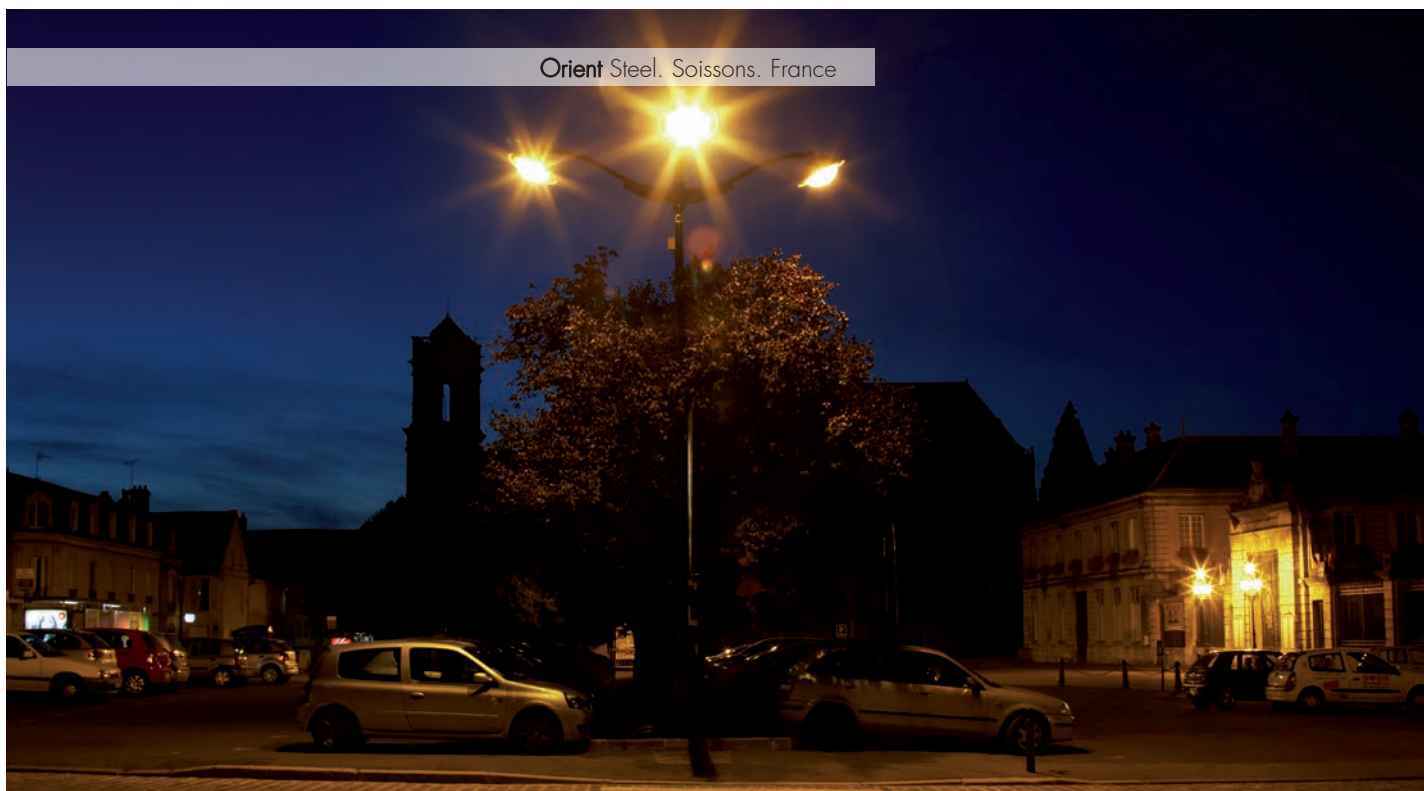
Specifications.

Orient Steel S235.
CityQuartz Steel ASTM A595A.
Orient bollard cast-iron. Continuity between pole & bracket.



Orient CityQuartz. Rountzenheim. France





Orient Dimensions

	Shaft height (m)	Top (mm)	Base (mm)	Space for coupling (mm)				Flange (mm)		Embedding (mm)	
				Height	Width	Distance	Internal dimensions	Bolt spacing	Width	Concrete	Ground
Anthéa	6	75	180	500	120	500	106x120	300	400	800	1000
	7	75	180	500	120	500	106x120	300	400	1000	1200
	8	75	200	500	120	500	125x120	300	400	1000	1200
	9	75	200	500	120	500	125x120	300	400	1200	1500
Steel	6	75	168	500	85	500	101x85	300	412	800	1000
	7	75	187	500	90	500	118x90	300	412	1000	1200
	8	75	200	500	90	500	133x90	300	412	1000	1200
	9	75	216	500	90	500	139x90	300	412	1200	1500
City- Quartz	5	89	147	500	92	500	80x90	300	412	600	800
	7	89	171	500	110	500	100x90	300	400	1000	1200
	9	89	194	600	125	500	120x130	300	400	1200	1500

Lighting height = Shaft height + 0.95m. L= 1.00m.
Lighting height = Shaft height + 0.95m. L= 1.50m.

Dimensions and technical information are indicative.
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Ariane

WHEN A CLASSIC CAN BECOME CONTEMPORARY...

Machine-welded range made up of an arched or cascade-arched arm attached to an extension with Aluminium alloy Straps.

Single and double bracket, KCC, Opened & Closed, 1 & 1.50m outreach. Can be fitted at a range of heights from 5 to 9m.

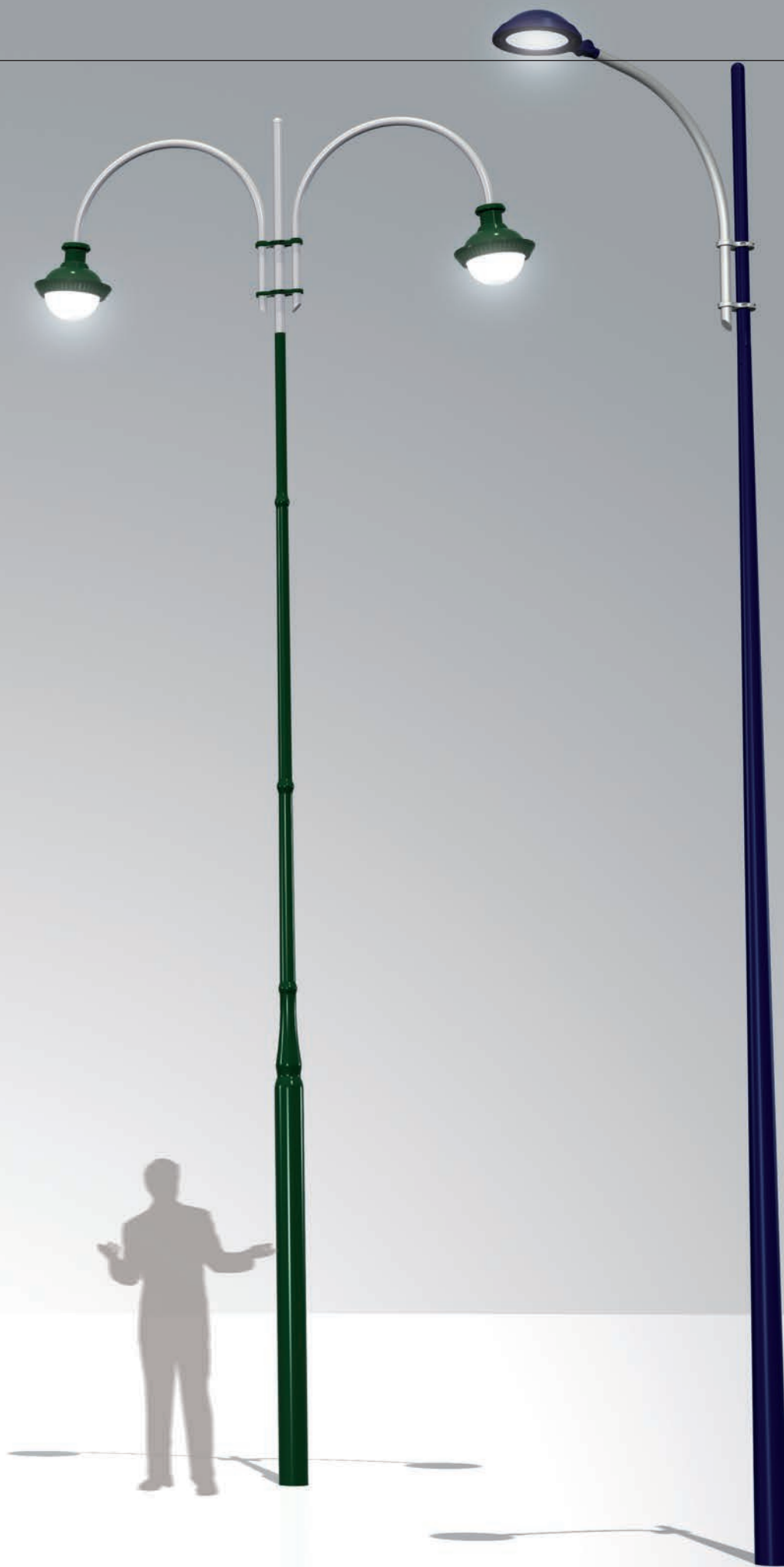
100% Mixed furniture, can be installed on all types of 75mm mast tops, Steel & Aluminium.

Straps in AlSi7Mg Aluminium alloy.
Bracket Aluminium 6060T6 & Steel S235.

This range is designed according to standard EN40 part 1 to 6 and has obtained CE marking 1166-CPD-0004 & 0006.



EVOLUTION



Visual not contractual.

Ariane

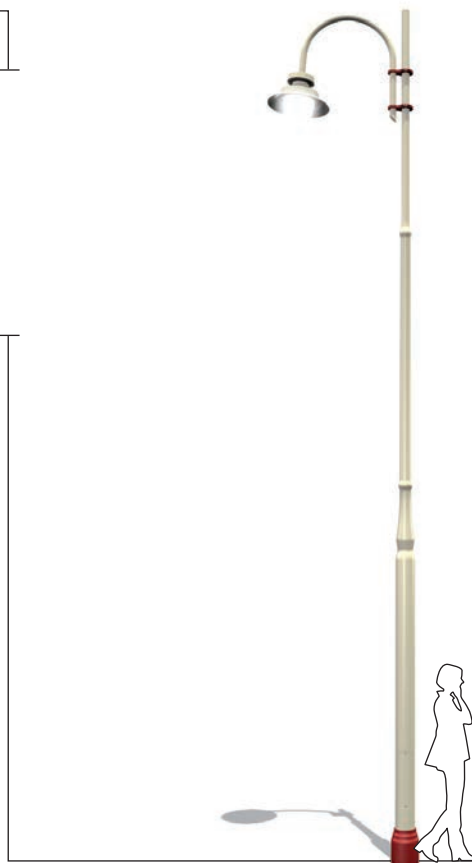
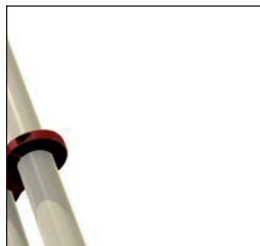
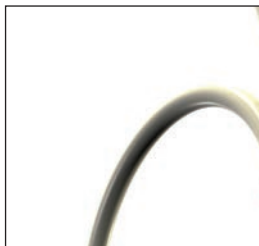
| Ariane Anthéa |

Description.

100% Aluminium range.
Height range : 6 to 9m.
Outreach 1 & 1.50m.

Specifications.

Ariane Aluminium 6060T6.
Straps in AlSi7Mg Aluminium alloy.
Anthéa spun Aluminium 6060T5.



Ariane Steel closed. Noisseville. France



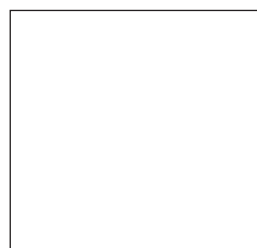
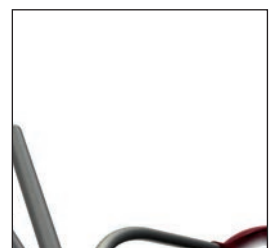
| Ariane Steel |

Description.

100% Steel range.
Height range : 6 to 9m.
Outreach 1 & 1.50m.

Specifications.

Ariane Acier S235.
Straps in AlSi7Mg Aluminium alloy.
Round conical Steel HLE S420 without visible welded.



Ariane

| Ariane CityQuartz |

Description.

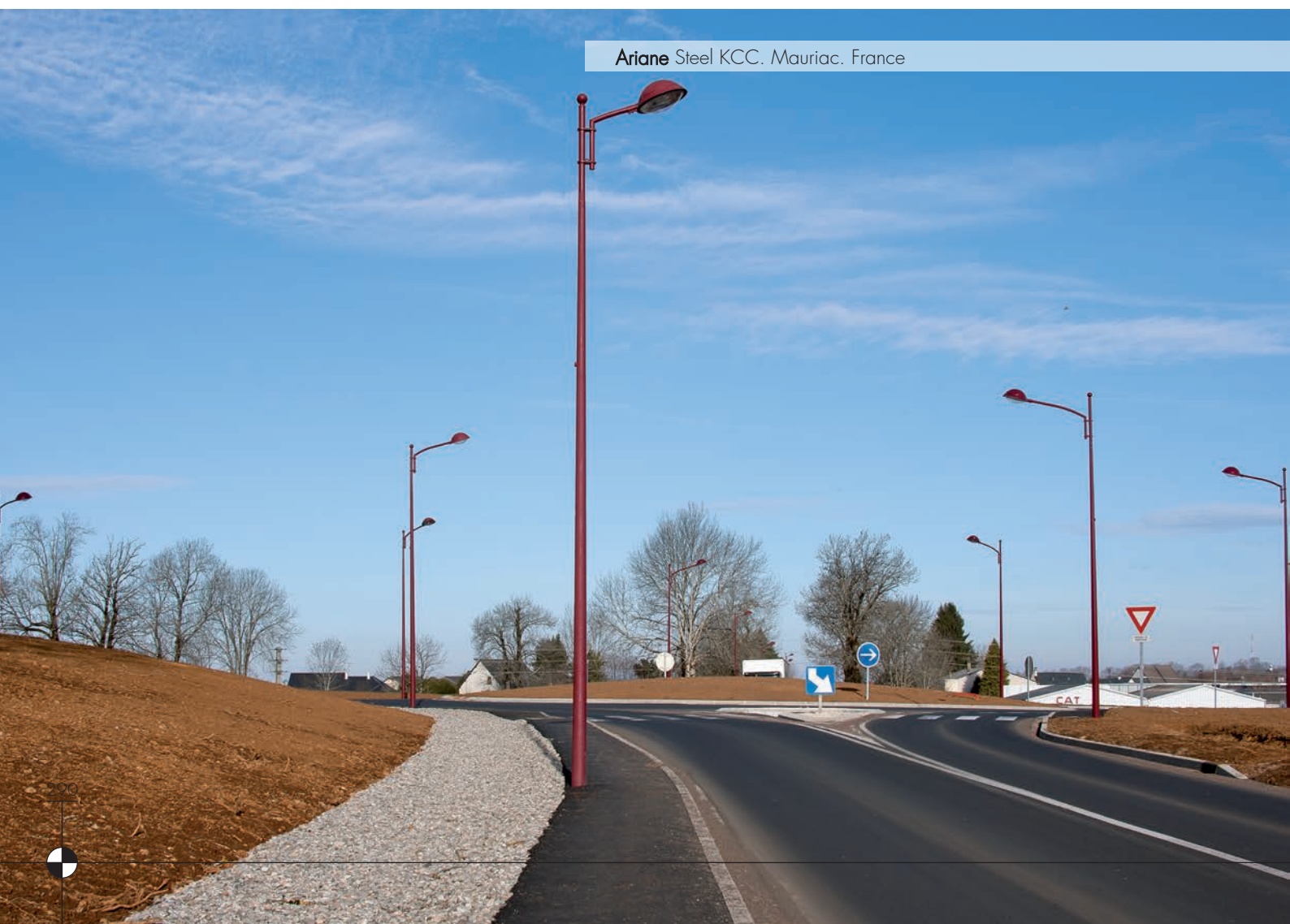
100% Steel range.
Height range : 5 to 9m.
Outreach 1 & 1.50m.

Specifications.

Ariane Acier S235.
Straps in AlSi7Mg Aluminium alloy.
CityQuartz Steel ASTM A595A.














Ariane Steel KCC. Mauriac. France





Ariane Steel KC. Fontaine sur Saône. France

Ariane Dimensions

											
	Height shaft (m)	Top (mm)	Base (mm)	Space for coupling (mm)			Flange (mm)		Embedding (mm)		
				Height	Width	Distance	Internal dimensions	Bolt spacing	Width	Concrete	Ground
Anthéa	6	75	180	500	120	500	106x120	300	400	800	1000
	7	75	180	500	120	500	106x120	300	400	1000	1200
	8	75	200	500	120	500	125x120	300	400	1000	1200
	9	75	200	500	120	500	125x120	300	400	1200	1500
Steel	6	75	168	500	85	500	101x85	300	412	800	1000
	7	75	187	500	90	500	118x190	300	412	1000	1200
	8	75	200	500	90	500	133x90	300	412	1000	1200
	9	75	216	500	90	500	139x90	300	412	1200	1500
City- Quartz	5	89	147	500	92	500	80x90	300	412	600	800
	7	89	171	500	110	500	100x90	300	400	1000	1200
	9	89	194	600	125	500	120x130	300	400	1200	1500

Lighting height = Shaft height + 1.00m. L= 1.00m. KCC.
 Lighting height = Shaft height + 1.00m. L= 1.50m. KCC.
 Lighting height = Shaft height + 1.50m. L= 1.00m. Open.
 Lighting height = Shaft height + 1.80m. L= 1.50m. Open.
 Lighting height = Shaft height + 0.40m. L= 1.00m. Close.
 Lighting height = Shaft height + 0.75m. L= 1.50m. Close.

Dimensions and technical information are indicative.
 Valmont reserves the right to modify, immediately and without notice, any technical or aesthetic specifications it deems necessary to improve Classique Collection products.

Aluminium, Steel and Wood are generic terms...

We should examine the specifics of these materials to assess their advantages and structural qualities, in order to ensure both the products' durability and the environment commitment.

Our Specifications

Steel, the Material...

Our poles are produced from S420 or S355 High-Strength Steel and the brackets and other tubular elements from S235 so-called Construction Steel.

These types of Steel conform with standards NF EN 10149 for the HSS and EN NF 1025 for the Construction Steel.

In order to obtain the best quality galvanisation, all Steel used is category A according to standard NF A 35-

503. $S235=235\text{N.mm}^2$, in other words the Elastic capacity of the material to withstand deformation; beyond this limit deformations become irreversible.

N.B. Standard EN40 concerns the elasto-plastic field.



Hot rolled flat products in High-Strength Steel obtained by cold shaping :

This new Steel is obtained by the addition of microalloy elements (Titanium, Niobium, Vanadium...), which increases their resistance and makes them easier to weld, whilst maintaining good cold deformation. They also have better resistance to corrosion.

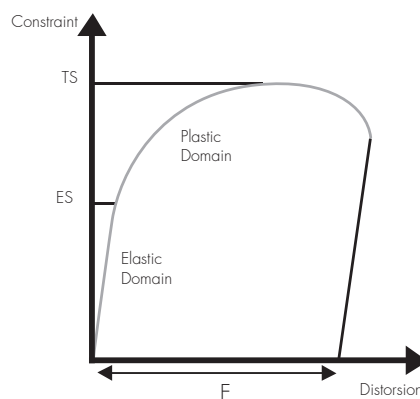
Hot rolled products made of type S235 Construction Steel :

Alloy composed mainly of Iron with Carbon to which different elements (Manganese, Silicon, etc.) are added in order to obtain minimal mechanical resistance.

For the same capacity, the amount of Steel used to produce a mast can be reduced, bringing with it a reduction in CO2 emitted during production and making them easier to handle and store.

	S235	S355	S420
ES : Elastic Strength (Mpa)	235*	355	420
TS : Tensile Strength (Mpa)	360*	430	480
E : Elongation (%)	17	19	18

* Strength values vary according to sheet metal thickness.



the **Steel** Process...

The production line for standard masts transforms the trapezoids into fully-finished masts with their base plate and with equipment inside the door. Once they leave the production line, the masts go directly for galvanising.

The line is made up of:

Automated press brake including automatic trapezoid indexing, folding and outlet of the folded shell. This press has a system for measuring the boom and makes any necessary corrections automatically. It also has rapid tool change.



Alongside this automatic press we have at our disposal another 1,200-tonne, 12-metre Press brake for making specific accessories.

A fully-automatic gantry manages the handling, stocking and power supply for the three plasma welders

The three plasma welders perform the longitudinal welding of the folded shells; this technology gives a flush weld bead, which improves the quality of the finished product. These three machines have heat-safety systems, which ensure the products are straight at the end of the production line.

After the masts are plasma welded the gantry transfers the products to two welding control points where manual mends are performed at the ends of the masts.

Two specific hydraulic presses perform the gauging at the top of the masts.

The welding of equipment to the inside of the door is performed at two specific points.

Thus equipped, the masts are automatically transferred to two automated welding posts.

All the following operations are entirely automatic: positioning of the mast, installing of base plates and welding the base plate. This system is equipped with automatic joint monitoring, which makes it possible to overcome faults in mast shape and thus ensures both high quality and repeatable welds.

Once finished, the masts are packed and made ready for galvanising.



After galvanising, the masts go back to seven independent posts in the finishing workshop.

They are straightened manually by qualified operators capable of evaluating the absolute straightness of the masts

The drilling and tapping of holes at the top of the masts are performed.

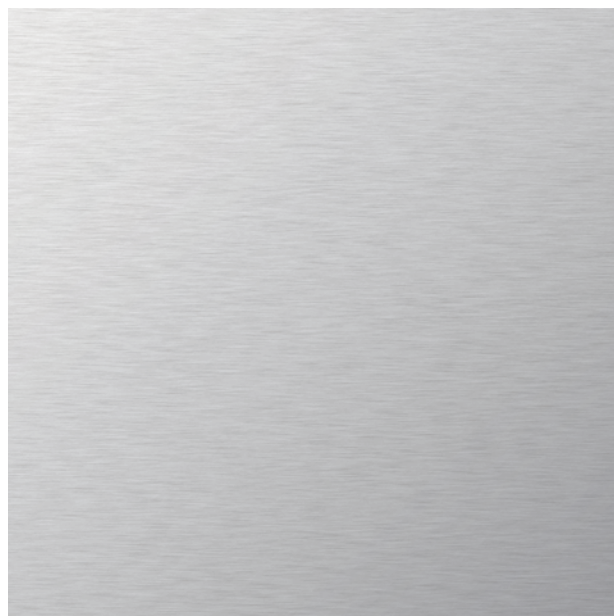
Access doors are equipped and assembled.

Any specific operations seen to be necessary are performed, followed by the final inspection before sending to the client, putting in storage or sending for painting on our thermo lacquering line.

Aluminium, the Material...

Our poles are produced from 6060T5 Aluminium alloy, the brackets and other tubular elements from 6060T6 alloy, the backing plates from 5038H111, the resistance elements from AlSi7Mg or AlSi10Mg cast Aluminium and decorative parts in AlSi13 cast Aluminium.

These Aluminium alloys comply with NF EN 755 series standards for conical posts, brackets and other tubular parts as well as backing plates, and standard NF EN 1706 for parts in cast Aluminium.



Bars, tubes and spun profiles - 6060T5 or T6 :

The mechanical characteristics are obtained by tempering and rendering. Valmont's specific rendering treatment makes it possible to obtain above-standard mechanical characteristics.

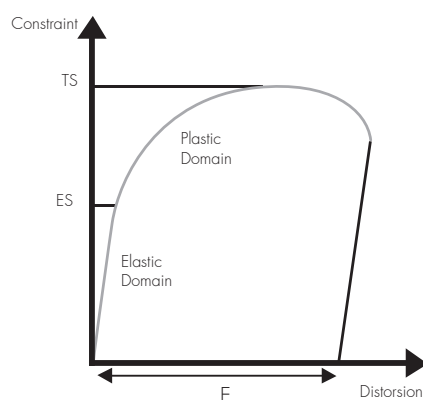
The 6060 alloy is a good compromise between mechanical strength and corrosion; it is particularly apt for anodising and cold deforming. Good welding results are obtained with classic procedures under inert gas (TIG or MIG).

	6060 T6	6060 T5	5083 H111
ES : Elastic Strength (Mpa)	150	180	110
TS : Tensile Strength (Mpa)	190	220	270
E : Elongation (%)	8	10	12

Piece of cast Aluminium AlSi7Mg and AlSi10Mg :

There are two main moulding processes used - sand or shell - according to the geometrical complexity of the product, the degree of precision needed for the dimensions and the quantities to be produced.

According to the level of resistance required, the pieces can be heat treated.



the Aluminium Process...

Cold Tapering:

After the aluminium tubes have been received and stocked in the production workshop, the tubes are then cut to length according to the technical specifications of the products to be manufactured, and automatically put into a storeroom for rough products. When they leave the storeroom, the roughs are automatically taken to the tapering machine.

The tapering operation consists of cold embossing the metal to give it the required shape

(This is part of the cold spinning treatment.)



This machine is made of a broach and a tailstock, which turns the raw shaft, then a shaping carriage made up of specific rollers moves along it and models the product following the technical specifications programmed into the machine.

Depending on the size of the end products, 1, 2, 3 or 4 can be made from one raw shaft.

Once tapered, the raw shaft is moved to a saw bench where it will be cut to length.

This whole tapering process is entirely automatic: the 3D product models made by our design department are directly sent to the machine's digital controls; the operator checks the data and then launches the production process.

This expertise and the machine's technical abilities allow us to produce complex shapes and obtain big tapering ratios.

The mast production line transforms the basic tapered shafts into fully-finished masts with their base plates and with equipment inside the door

The line is made up of:

A rendering furnace, where the rough tapered tubes are heated for 6 hours to acquire the mechanical strength fixed by our technical specifications. The products are checked as they leave the furnace to ensure that our products are well above minimum values.

After cooling, the tapered tubes are straightened and sent to the polishing line. 2 polishing operations are performed on 2 specific machines: the first gives a rough polish and the second does the finishing, which gives the end product that brushed and polished appearance.

The next stage is cutting the door. The tapered tube is held in clamps and a horizontal saw with a thin band saw blade does the cutting. Thus the door is perfectly adjusted in relation to the shape cut in the mast. On the same machine, we reinforce the opening if necessary. This operation consists of expanding a strengthening tube inside the pole.

The last stage on this line is welding the base plates; this is done by qualified welders.



The masts thus produced are moved to a storage zone within the factory.

Access doors are equipped and assembled.

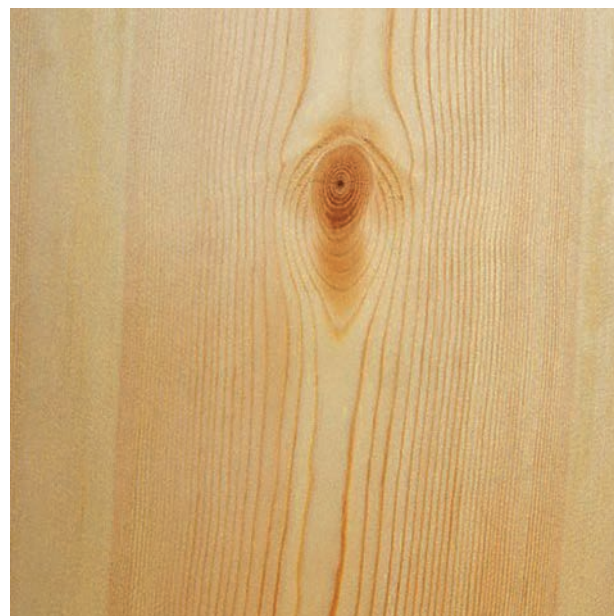
Any specific operations seen to be necessary are performed, followed by the final control before individual packing and sending them to the client, putting them in stock or sending them for painting on our thermo lacquering line.

the Material **Wood** Collection...

Our poles are made from planks of Class 3 glue-laminated untreated Scotch Pine beams. Our beams are designed and certified GL28h.

There are 4 classes of resistance, GL24, 28, 32 and 36h, by increasing order of resistance.

	GL24h	GL28h	GL32h	GL36h
Deflection (N/mm ²)	24	28	32	36
Tension (N/mm ²)	16,5	19,5	22,5	26
Compression (N/mm ²)	24	26,5	29	31
Density (kg/m ³)	380	410	430	450



The maximum thickness of the planks making up the beam is less than 34mm, in conformity with Eurocode 5 and CUAP registered as "Mixed Wood Metal Lamp posts".

The glue used to assemble the planks is known as White glue, and has the advantage of minimising the visual impact of joints on the wooden parts.

Like the Scotch pine from Finland used for our production, our end products are PEFC* certified, certificate 5674-01.

The metal parts of these "Mixed Wood Metal Lamp posts" are made of S235 Galvanised Steel.

To obtain the best quality Galvanising, the Steel used is category A in conformity with standard NF A 35-503.

Hot rolled products made of type S235 Construction Steel :

Alloy composed mainly of Iron with Carbon to which different elements (Manganese, Silicon, etc.) are added in order to obtain minimal mechanical resistance.



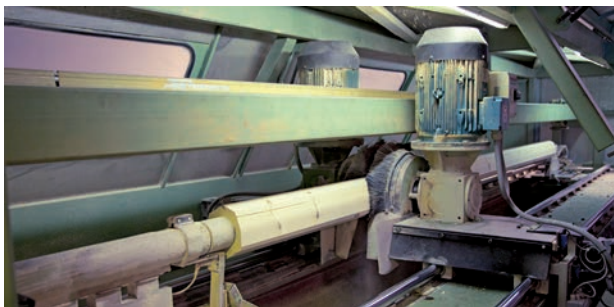
the **Wood** Collection Process...

The production line for standard masts transforms the GL28h laminated pine beams into mixed Steel/Wooden masts, entirely finished with base plate and equipment inside the door. Once off the line, the masts are sent directly to clients.

The line is made up of :

The manufacturing of the masts begins by cutting off the extremities of the beam to bring it to length according to the height of the final product, and by drilling the central part of the pole to allow the electric cable to pass through on a machining centre.

The cylindrical section masts are produced on this same machining centre to initially obtain a multi-faceted section. The pole is then sanded in order to smooth these facets and obtain the final shape. Le fût est ensuite poncé pour émousser ses facettes et obtenir la forme finale.



Also at this post, additional cuts are made in wood to allow the steel base and apex cap to be fitted.

The square-section masts are produced by a digital machining centre.

Also at this post, additional cuts are made in wood to allow the steel base and apex cap to be fitted.

The pole of standard masts taller than 5m is produced in several parts. The parts of the pole go through a digital machining centre where the joints are placed on the end surfaces to be joined. The joining and gluing operations needed to ensure a strong and permanent connection are performed next.

The assembly technology complies with current calculation rules.

All holes needed to fix accessories and/or lights are then made on the wooden pole as stated on the plan, at the relevant post.

They are hand-varnished in 5 layers which are each left to dry at room temperature for at least 2 hours.



The base, from the Steel parts factory in Kangasniemi, is then securely fitted and glued to the pole. The adapters or other parts designed to fasten on lamps and/or accessories are also put into position at this post.

There are two main sorts of fastenings:

Threaded through rods with stainless steel nuts and bolts, or gluing and fitting together.

The products are then packaged to be sent away.

Packaging:

Several thicknesses of corrugated cardboard protect the wooden pole. A felt sleeve protects the metal base. The masts are then placed top to bottom on a pallet, separated from each other by wooden wedges which follow the section of the mast to avoid slipping during transport. The operator takes care to balance the pallet according to the weight and length of the masts. Directly above the position of the pallet truck forks, the bundle is protected by a wooden plaque in order to prevent the damage which is often caused by manipulating these forks. The bundle is then covered with plastic film so that rain cannot deteriorate the cardboard envelope.

Finishings

Specification

Galvanising...

This industrial process consists of submerging pieces of steel in a 450 C bath of molten zinc, after having meticulously prepared the surface. The resulting coating exceptionally long-lasting in very varied environments.

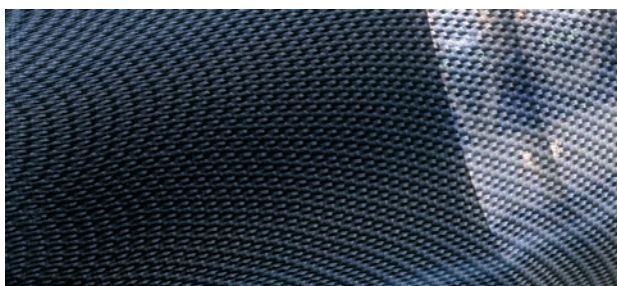


Powder Coating...

This industrial procedure consists of applying a polymerising polyester powder by an electrostatic effect in a furnace. This technique is used on pre-prepared galvanised metal or aluminium columns, which allows excellent adhesion of the powder in the smallest details of the piece.

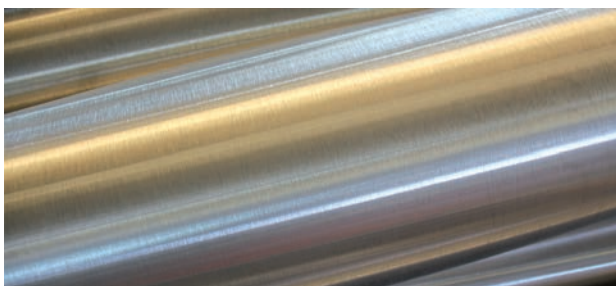
Varnishing...

This industrial process consist of manually applying 5 successive layers of water-based varnish with a brush, thus ensuring the necessary thickness of 150µm for it to stay for the longest possible time in spite of external assaults.
Organic Volatile Compounds equal to 100g/l



Transfer by Sublimation...

This industrial procedure consists of applying a polymerising polyester powder by electrostatic effect in a furnace. Then, under vacuum, a transfer film is applied with a previously agreed graphic design. Transfer by sublimation then happens when it is cooked in a furnace at a high temperature.



Polishing...

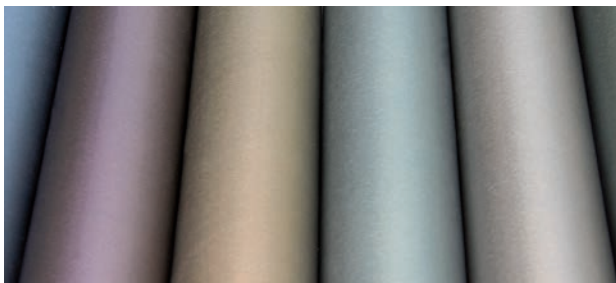
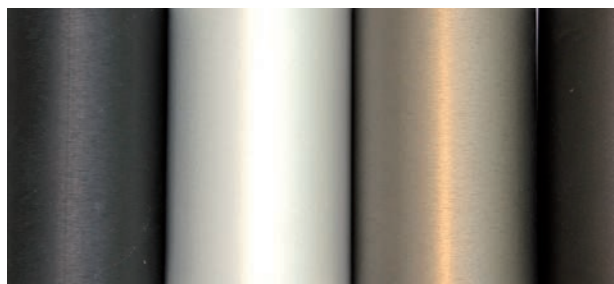
This industrial process consists of polishing the Tapered Aluminium tubes with abrasive strips in two stages.

The first stage polishes roughly and the second does the finishing, thus giving the end product its shiny polished appearance.

Anodising...

This is a surface treatment operation to protect and decorate a piece of Aluminium using anodic oxidation.

Anodic oxidation is an industrial electrochemical process which transforms the artificial layer into a 15-25 micron layer of oxide. This gives the metal a long-lasting aesthetic appearance.



Spectro-colouring...

This is a surface treatment operation used to colour a piece of anodised Aluminium. Spectro-colouring is a colouring process which combines chemical and electric parameters to form a superficial layer of alumina with controlled dimensions, spread and direction.

Alucoat...

This industrial process consists of projecting a single component based on MS polymers which cures with ambient air humidity and becomes an elastic material with good adhesive properties and resistance to abrasion, which is thus very waterproof. It thus protects the product in its Air/Ground contact zone.



All of the above is backed up by certificates and recommendations...

Annexes



CTICM
Espace Technologique – L'orme des Merisiers
Immeuble Apollo – 91193 SAINT-AUBIN

Certificat de conformité CE d'une gamme de candélabres métalliques d'éclairage public à la norme EN 40-5 : 2002

Délivré conformément à la Directive 89/106/CEE du Conseil des Communautés Européennes du 21 décembre 1988, relative au rapprochement des dispositions législatives, réglementaires et administratives des Etats Membres concernant les produits de construction (Directive Produits de Construction – DPC), modifiée par la Directive 93/68/CEE du Conseil des Communautés Européennes du 22 juillet 1993, il a été établi que le produit de construction :

Candélabres métalliques d'éclairage public : Mâts droits en acier

Mis sur le marché par : VALMONT France SAS
Les Marmoulets
F – 03110 CHARMEIL

Et fabriqué dans l'usine : F – 03110 CHARMEIL

est soumis par le fabricant au contrôle de production en usine et les essais de type initiaux relatifs aux caractéristiques concernées du produit et l'inspection initiale de l'usine et du contrôle de la production en usine ont été réalisés sous la responsabilité du CTICM.

Ce certificat atteste que toutes les dispositions concernant l'attestation de conformité et les caractéristiques des Mâts droits en acier décrites dans l'annexe ZA de la norme EN 40-5 : 2002 furent appliquées et que le produit satisfait toutes les exigences prescrites.

Ce certificat fut délivré pour la première fois le 10 mars 2005 et demeure valide tant que les conditions précisées dans la spécification technique harmonisée de référence ou les conditions de fabrication en usine ou le contrôle de la production en usine lui-même ne sont pas modifiés de manière significative.

Référence de la gamme : La liste des références des produits constituant la gamme fait l'objet du document référence n° QA/000/F83, tenu à jour par le titulaire.

Ce certificat permet au fabricant ou à son mandataire établi dans l'EEE d'apposer le marquage :

Numéro du certificat
1166 – CPD – 0003

Emission du présent certificat, Saint Aubin, le 18 avril 2012



Par délégation du Directeur Certification
Patrick Le Chaffotec
Chef du Service certification



Accréditation Cofrac n° 5-0049
portée disponible sur www.cofrac.fr

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CTICM
Espace Technologique – L'orme des Merisiers
Immeuble Apollo – 91193 SAINT-AUBIN

Certificat de conformité CE d'une gamme de candélabres métalliques d'éclairage public à la norme EN 40-5 : 2002

Délivré conformément à la Directive 89/106/CEE du Conseil des Communautés Européennes du 21 décembre 1988, relative au rapprochement des dispositions législatives, réglementaires et administratives des Etats Membres concernant les produits de construction (Directive Produits de Construction – DPC), modifiée par la Directive 93/68/CEE du Conseil des Communautés Européennes du 22 juillet 1993, il a été établi que le produit de construction :

Candélabres métalliques d'éclairage public : Candélabres à crosse en acier

Mis sur le marché par : VALMONT France SAS
Les Marmoulets
F – 03110 CHARMEIL

Et fabriqué dans l'usine : F – 03110 CHARMEIL

est soumis par le fabricant au contrôle de production en usine et les essais de type initiaux relatifs aux caractéristiques concernées du produit et l'inspection initiale de l'usine et du contrôle de la production en usine ont été réalisés sous la responsabilité du CTICM.

Ce certificat atteste que toutes les dispositions concernant l'attestation de conformité et les caractéristiques des Candélabres à crosse en acier décrites dans l'annexe ZA de la norme EN 40-5 : 2002 furent appliquées et que le produit satisfait toutes les exigences prescrites.

Ce certificat fut délivré pour la première fois le 10 mars 2005 et demeure valide tant que les conditions précisées dans la spécification technique harmonisée de référence ou les conditions de fabrication en usine ou le contrôle de la production en usine lui-même ne sont pas modifiés de manière significative.

Référence de la gamme : La liste des références des produits constituant la gamme fait l'objet du document référence n° QA/000/F83, tenu à jour par le titulaire.

Ce certificat permet au fabricant ou à son mandataire établi dans l'EEE d'apposer le marquage :

Numéro du certificat
1166 – CPD – 0004

Emission du présent certificat, Saint Aubin, le 18 avril 2012

CE
1166

Par délégation du Directeur Certification
Patrick Le Chaffotec
Chef du Service certification



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P.01



CTICM
Espace Technologique – L'orme des Merisiers
Immeuble Apollo – 91193 SAINT-AUBIN

Certificat de conformité CE
d'une gamme de candélabres métalliques d'éclairage public à la norme EN 40-6 : 2002

Délivré conformément à la Directive 89/106/CEE du Conseil des Communautés Européennes du 21 décembre 1988, relative au rapprochement des dispositions législatives, réglementaires et administratives des Etats Membres concernant les produits de construction (Directive Produits de Construction – DPC), modifiée par la Directive 93/68/CEE du Conseil des Communautés Européennes du 22 juillet 1993, il a été établi que le produit de construction :

Candélabres métalliques d'éclairage public : Mâts droits en aluminium

Mis sur le marché par : VALMONT France SAS
Vallée de Couzon
F – 42801 Rive de Gier

Et fabriqué dans l'usine : F – 42801 Rive de Gier

est soumis par le fabricant au contrôle de production en usine et les essais de type initiaux relatifs aux caractéristiques concernées du produit et l'inspection initiale de l'usine et du contrôle de la production en usine ont été réalisés sous la responsabilité du CTICM.

Ce certificat atteste que toutes les dispositions concernant l'attestation de conformité et les caractéristiques des **Mâts droits en aluminium** décrites dans l'annexe ZA de la norme **EN 40-6 : 2002** furent appliquées et que le produit satisfait toutes les exigences prescrites. Au regard des performances en cas de choc provoqué par un véhicule, les **Mâts droits en aluminium** couverts par le présent certificat sont de classe 0 suivant la norme EN 12767 : 2000.

Ce certificat fut délivré pour la première fois le **10 mars 2005** et demeure valide tant que les conditions précisées dans la spécification technique harmonisée de référence ou les conditions de fabrication en usine ou le contrôle de la production en usine lui-même ne sont pas modifiés de manière significative.

Référence de la gamme : La liste des références des produits constituant la gamme fait l'objet du document référence n° **P09/A02/F78**, tenu à jour par le titulaire.

Ce certificat permet au fabricant ou à son mandataire établi dans l'EEE d'apposer le marquage :

Numéro du certificat
1166 – CPD – 0005

Émission du présent certificat, Saint Aubin, le **18 avril 2012**



Par délégation du Directeur Certification
Patrick Le Chaffotec, Chef du Service certification



Accréditation Cofrac n° S-0049
portée disponible sur www.cofrac.fr

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Columns with bracket Aluminium...



CTICM
Espace Technologique – L'orme des Merisiers
Immeuble Apollo – 91193 SAINT-AUBIN

Certificat de conformité CE d'une gamme de candélabres métalliques d'éclairage public à la norme EN 40-6 : 2002

Délivré conformément à la Directive 89/106/CEE du Conseil des Communautés Européennes du 21 décembre 1988, relative au rapprochement des dispositions législatives, réglementaires et administratives des Etats Membres concernant les produits de construction (Directive Produits de Construction – DPC), modifiée par la Directive 93/68/CEE du Conseil des Communautés Européennes du 22 juillet 1993, il a été établi que le produit de construction :

Candélabres métalliques d'éclairage public : Candélabres à crosse en aluminium

Mis sur le marché par : VALMONT France SAS
Vallée de Couzon
F – 42801 Rive de Gier

Et fabriqué dans l'usine : F – 42801 Rive de Gier

est soumis par le fabricant au contrôle de production en usine et les essais de type initiaux relatifs aux caractéristiques concernées du produit et l'inspection initiale de l'usine et du contrôle de la production en usine ont été réalisés sous la responsabilité du CTICM.

Ce certificat atteste que toutes les dispositions concernant l'attestation de conformité et les caractéristiques des **Candélabres à crosse en aluminium** décrites dans l'annexe ZA de la norme EN 40-6 : 2002 furent appliquées et que le produit satisfait toutes les exigences prescrites. Au regard des performances en cas de choc provoqué par un véhicule, les **Candélabres à crosse en aluminium** couverts par le présent certificat sont de classe 0 suivant la norme EN 12767 : 2000.

Ce certificat fut délivré pour la première fois le 10 mars 2005 et demeure valide tant que les conditions précisées dans la spécification technique harmonisée de référence ou les conditions de fabrication en usine ou le contrôle de la production en usine lui-même ne sont pas modifiés de manière significative.

Référence de la gamme : La liste des références des produits constituant la gamme fait l'objet du document référence n° P09/A02/F78, tenu à jour par le titulaire.

Ce certificat permet au fabricant ou à son mandataire établi dans l'EEE d'apposer le marquage :

Numéro du certificat
1166 – CPD – 0006

Emission du présent certificat, Saint Aubin, le 18 avril 2012



Par délégation du Directeur Certification
Patrick Le Chaffotec, Chef du Service certification



Accréditation Cofrac n° S-0049
portée disponible sur www.cofrac.fr

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trees for all

Certificaat

Ondergetekende verklaart dat Trees for All de uitstoot van broeikasgassen compenseert voor de bedrijfsvoering van:

Valmont

In de periode 2011

Hiertoe wordt de uitstoot van

268,19 ton CO₂

duurzaam vastgelegd in de vorm van Jatropha struiken in Mali, waardoor de uitgestoten broeikasgassen geen bijdrage meer leveren aan de versterking van het broeikaseffect

Arnhem, 01 juni 2012
Dhr. ir. J. Bos, Voorzitter

Certificaatnummer 00ZZ002-Z-120515-20



www.treesforall.nl



DNV BUSINESS ASSURANCE

CERTIFICAT DE SYSTEME DE MANAGEMENT

Certificat N°. 117119-2012-AE-FRA-COFRAC

Ceci certifie que le système de management de la société
This is to certify that the management system of

VALMONT FRANCE SAS

Les Martoulets – 03110 CHARMEIL France
 Vallée de Couzon – 42800 RIVE DE GIER France

est en conformité avec la norme
has been found to conform to

ISO 14001:2004

La validité de ce certificat couvre les produits ou services suivants :
The certificate is valid for the following product or service ranges :

Activité de fabrication de candélabres, mâts de grande hauteur, équipement et accessoires pour la transmission, télécommunication, éclairage, signalisation et autres applications

Manufacture of poles, high masts, equipments and accessories for utility, telecommunication, lighting, traffic signs and other applications

Cette entreprise est certifiée depuis le :
 31 Mai 2012

Ce certificat est valable jusqu'au :
 31 Mai 2015

La conformité à la norme en accord avec le
 périmètre défini a été vérifiée par :

Anne Belassian
 Responsable d'Audit



CERTIFICATION D'ENTREPRISES
 & DE PERSONNELS
 4 - 0009
 Portée disponible sur www.cofrac.fr

Lieu et date :

Saint Priest, 31 Mai 2012

Organisme de certification:
 DET NORSKE VERITAS
 BUSINESS ASSURANCE FRANCE

Eric SALAÜN
 Directeur Général

ACCREDITED UNIT: DET NORSKE VERITAS BUSINESS ASSURANCE FRANCE, 1 ALLÉE DU LAZIO - PARC TECHINOLAND - ZI CHAMP DOLIN, 69800, SAINT-PIERRE, FRANCE, TEL: +33 (0) 478 90 91 40, WWW.DNVBA.FR

Recommendations...

Adding anything not specified in the original order may alter the lamp post's resistance.

Specify when ordering if the installation site is likely to be subject to vibratory phenomena (bridges, paving, etc.).

If known, specify when ordering the type of load and the place of installation of the lamp posts.

Make sure that your load (lights, signs, banners, etc.) can be borne using catalogue information or sales literature.

Conventional reported values must on no account be used to define the choice of a mast in respect of its location.

Wind resistance charts, according to areas and categories of terrain, should be used to define and validate the choice of a product.

Any mechanical tests in situ must give rise to a written request to Valmont so that we can communicate the elements necessary for conducting these tests. Without such a request, the manufacturer's guarantee will not apply.

Storage & Handling...

We recommend you do not store lamp posts directly on the ground or nearby areas where pulverulent materials are stored. We advise you not to stock public lighting lamp posts for long periods of time without adequate ventilation. In the case of prolonged storage (> 3 weeks), remove all steel straps & packaging.

Handle the lamp post with the help of non-metallic slings, or a trolley with protected forks, in order to avoid scratching. The lamp posts must only be raised by the pole.

Cleaning...

Regularly clean the surfaces of masts in galvanised steel and in aluminium alloy, using soapy water for untreated masts and polish for painted masts.

Make sure the products used are not aggressive. Under no circumstances should corrosive products or scouring pads be used.

Checks & Maintenance...

With each intervention on the lamps and bulbs, check that accessories and brackets are properly fastened (screws above all, check all present, check tightening and check the lantern is fixed to the mast arm).

Make yearly checks on:

Inspection doors:

Presence and correct fit of the door. The state of the mobile bolt screws, including oiling. Evacuate stagnant water. Clean the bottom of the mast.

The foundation:

Visually check the foundation. Whether it is perpendicular in relation to the ground. Ground compacting around the foundation. Cracking.

Embedding rods.

Oil the threads. Check tightness. Unblock discharge hole. Check rod/base plate insulation present.

Anchorage...

It is recommended that public lighting lamp posts with base plates be installed directly on the concrete foundation if it is reasonably smooth and flat. If that is not the case, it is possible to incorporate a semi-rigid device which will ensure the public lighting lamp post stays upright and that the supporting plate sits correctly.

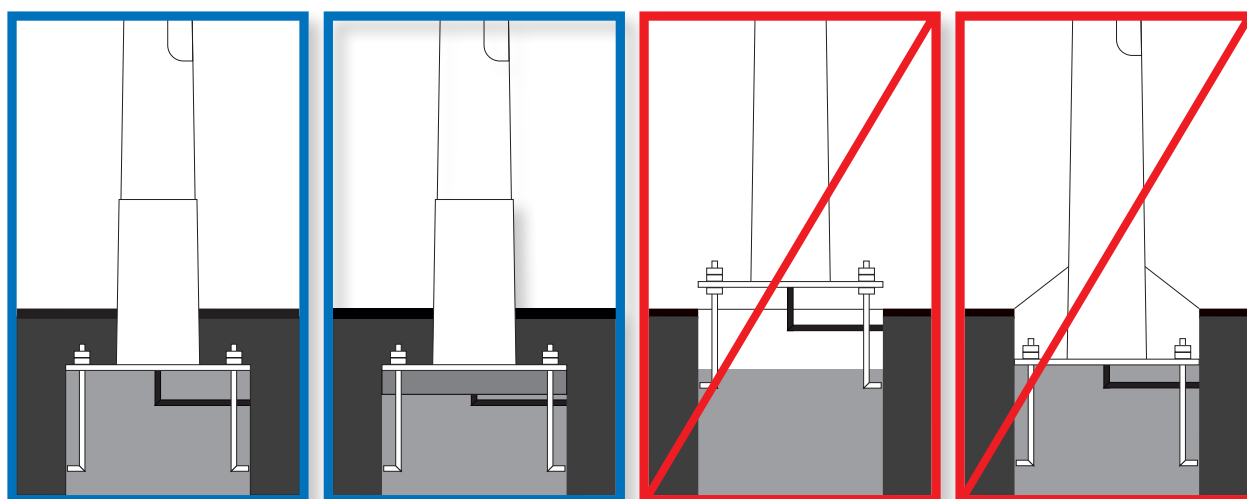
If it is mounted on nuts, non-shrink filling mortar needs to be used under the base plate. The presence of stagnant or flowing water at the foot of the mast is likely to bring about corrosion of the lamp post (provide a drain or a dispersal device). Adjustment nuts should only be used under the base plate if they have been taken into account in designing.

If the supporting plate must be covered, it is advisable to ensure that the materials used are not aggressive, otherwise plan some insulating material between the base of the lamp post and the coating.

(Excerpt NF EN 40-6, July 2000, Annex B.)

Before installation, check for the presence of induced currents and the chemical characteristics of the soil (especially its acidity). Their presence may lead to extra precautions being taken to protect the base of the lamp post.

Request a written consent from Valmont for any intervention on the lamp post (drilling, modifications, etc.).



PREAMBULE

Prices and information in the catalogues, prospectus and price lists are provided for informative purpose only. The Seller reserves the right to modify the design, shape, dimensions or materials of the products that are illustrated and described in its printed advertising material.

CLAUSE 1 – APPLICATION OF THE GENERAL TERMS AND CONDITIONS OF SALE

All orders placed with the Seller require the Buyer's acceptance of these General Terms and Conditions of Sale and a waiver of its own general terms and conditions of purchase. Any issues not referred to in these General Terms and Conditions of Sale shall be governed by the prevailing General Terms and Conditions of Sale of the Syndicat de l'Eclairage.

CLAUSE 2 – OFFERS

Preliminary offers and quotes are valid for 1 month. The products supplied are only the equipment precisely specified in the preliminary offer or quote. The sales agreement is not valid until the Seller has expressly accepted the order.

CLAUSE 3 – HARDSHIP CLAUSE

If, after entering into the sales agreement, an unexpected economic or commercial event occurs that makes its performance harmful to either of the parties, the parties shall hold a meeting to study the situation and attempt to restore the original balance. If an agreement is reached, an amendment will specify the new terms of performance of the contract. If an agreement is not reached, the parties shall submit the matter to conciliation, as provided for in these General Terms and Conditions of Sale, within 1 (one) month after their first meeting. If the conciliation is not successful, the parties will agree to cancel the contract. During the negotiations, the performance of the contract will be suspended, unless otherwise agreed.

CLAUSE 4 – ORDERS

Unless disputed by the Buyer within 48 hours of our acknowledgement of order receipt, the terms and conditions set out in the acknowledgement of receipt shall be deemed as accepted. Minimum invoicing is 250€ . 100 € cost transport will be due, invoicing less than 400 €. Advanced delivery anchor bolts will cost 100 €. If the order is cancelled, the Buyer will be liable for the cost of the services already performed and a cancellation fee of at least 10% of the amount of the contract shall be payable.

CLAUSE 5 – MODIFIED ORDER

All requests for additional work or order modification requests must be made in writing. Any change or modification to the contract will result in a new design, a new quote being issued and an amendment to the contract duly signed by both parties. Under no circumstances may the terms and conditions for additional supplies be more prejudicial to those in the initial order. Any postponement of delivery requested by the Buyer and agreed to by the Seller will imply storage charges being payable.

CLAUSE 6 – INDUSTRIAL PROPERTY

The Seller shall retain all industrial property rights to any of its projects, studies and documents, which may not be disclosed or exercised without its written permission. The patented and unpatented technology and know-how used in the products and services shall remain the exclusive property of the Seller, in addition to all the industrial and intellectual property rights related to the products and services. The Buyer is merely granted a non-exclusive license to use the products.

CLAUSE 7 – NON-DISCLOSURE

The Buyer shall not disclose any information, equipment, models, plans, specifications, data, technical formulas or designs that it may acquire during the term of this contract and shall regard them as strictly confidential. The scope of the Buyer's obligation under this clause also includes its employees. However, this clause shall not be applicable if the information disclosed is already in the public domain or if the Buyer was aware of it or obtained it from third parties by legitimate means. Likewise, the Seller shall regard any information it obtains during the performance of this contract as strictly confidential and may not disclose it to third parties either during the term of this agreement or after the termination thereof.

CLAUSE 8 – DISPLAY EQUIPMENT

The display equipment must be returned within two months at the Buyer's expense. Failure to do so shall result in the equipment being invoiced according to the terms and conditions of the offer, as stipulated by law.

CLAUSE 9 – DELIVERY

a) The delivery terms are calculated from the latest of the following dates: the date of acknowledgement of order receipt or the dates on which the Seller receives the information, the deposit or the supplies that the Buyer has undertaken to supply. Orders may not be cancelled on the grounds of late delivery.
b) The Seller is automatically released from any commitment regarding the delivery date if the Buyer does not abide by the payment terms or in the event of force majeure. Force majeure includes any circumstances that are beyond the Seller's control and impede its normal functioning at the product manufacturing and shipping stage;
- in the case of events such as lock-outs,

total or partial strikes preventing the smooth running of our company or that of one of our suppliers, subcontractors or carriers, interruption of transport, the power supplies, raw materials or spare parts, epidemics, wars, requisitions, government acts, seizures, fires, adverse weather conditions, natural disasters, machinery breakdowns, transport delays or any other event resulting in working hours being lost; – when the information to be supplied by the Buyer does not reach us in time and in the case of modifications or new specifications.

c) In the event of failure to meet the contractual delivery time, a 0.5% penalty may be applied for each full week of delay after the end of the third week, up to a maximum penalty of 5% of the factory or retail value of the equipment delivered late. The penalties are in the nature of assessed damages and interest and exclude any other form of indemnification.

CLAUSE 10 – TRANSPORT

The freight charges shall be paid by the Seller unless expressly stated otherwise in the order. Risk transfer shall take place at the time of reception by the Buyer for deliveries in France and in accordance with the agreed Incoterms for deliveries abroad. The Buyer must check the shipments at the time of delivery note any reservations and file any pertinent claims against the carrier.

The consignee is responsible for unloading the goods as the driver is not allowed to do so himself. Waiting time in excess of 30 minutes by a driver before unloading will be billed to the Buyer. The Seller disclaims all liability for the delivered goods unless a representative of the Buyer is present.

CLAUSE 11 – CLAIMS AND RETURNS

a) By signing the delivery note, the Buyer certifies that it has checked the delivered goods, their quantity, quality and compliance with the order.

b) Any defects or non-compliance must be reported by registered mail with acknowledgement of receipt within 8 working days as of the date of delivery. Claims made more than 8 days after the delivery date will not be accepted.

c) Goods may only be returned with our written consent, in perfect condition and in their original packaging.

d) Unless expressly agreed otherwise by the Seller, the transport charges for the return of goods will be paid by the Buyer.

e) However, when the fault or error is not caused by the Buyer, the credit note for the returned standard equipment will be 80% of the invoiced amount.

f) Returns of specifically manufactured equipment will not be accepted.

CLAUSE 12 – TERMS OF PAYMENT

Payment is due 30 days after the date of the invoice.

For all orders of €500 or less, payment is due at the time of receipt of invoice.

Late payment shall imply a penalty of at least 1.5 times the official rate of interest, at the rate applied by the European Central Bank in its most recent refinancing operation, plus 10 percentage points, without affecting the due date of the debt. Failure in payment of any amount due and payable shall automatically result in an event of default and all the remaining amounts owed, even those due at a later date, and shall become immediately due and payable. If a Buyer fails to fulfill its obligations (late payment or a check that cannot be cashed), it may be refused purchase, unless it pays cash or provides sufficient warranties. No rebates or discounts shall be granted for payments in cash or early settlement.

CLAUSE 13 – DEPOSIT

The Seller may require payment of a 30% deposit when the order is signed, depending on the kind of services required.

CLAUSE 14 – PENALTY CLAUSE

a) If the amount owed is not paid within one month counted from the due date, the Buyer will automatically be liable to pay a penalty equivalent to 1.5% of the amount owed.

CLAUSE 15 – TITLE RETENTION

a) The Seller shall retain ownership of the goods until the purchase price and all other amounts owed have been paid in full.

b) The risks of loss or deterioration of the goods shall pass to the Buyer at the time of delivery, along with the liability for any damages they may cause.

c) If the Seller is regarded as a subcontractor in an agreement, the Buyer shall notify this to the end-buyer, together with the contents of this retention clause. In all cases, the Seller expressly reserves the right to require direct payment of the amounts owed, in accordance with the Act of 31 December 1975.

CLAUSE 16 – WARRANTY

a) All the equipment is guaranteed for a period of 24 months from the date the goods are delivered to the agreed site and the delivery note is signed. However, if the delivery date is delayed for reasons caused by the Buyer, the new delivery date must be within 3 months from the date originally agreed.

b) Replacement and remanufactured parts are guaranteed for 24 months with the same terms and conditions as the original equipment.

c) This warranty is only applicable to latent defects due to faulty design or materials that become apparent during the warranty period.

d) This warranty does not cover the following: defects due to materials provided by the Buyer; failure by the Buyer to abide by the

instructions for use; normal wear and tear; modification, repair or tampering by the Buyer; acts of God or force majeure as defined above.

CLAUSE 17 – USE OF THE WARRANTY

a) Unless otherwise expressly stipulated by the customer, the equipment is presumed to be used at the place of delivery, i.e. the technical features of the delivered equipment are defined according to the place of delivery.

b) This warranty is only applicable if the equipment has been installed in accordance with good practice and if the size of concrete block and the nature of soil have been taken into consideration; the installation, storage, maintenance and servicing conditions have been complied with.

c) This warranty is only granted for equipment which have been sold by the seller.

d) No warranty is granted for equipment that is used with other components.

e) In order to benefit from the warranty, the Buyer must inform the Seller of the use of the equipment before the order is placed, immediately report any alleged defects in writing including as much evidence as possible and assist the Seller as much as possible to identify and remedy the defects. The Buyer must not repair the equipment itself, arrange for it to be repaired by a third party, modify any item of the equipment or arrange for it to be modified by a third party, except with the Seller's express consent.

f) The Seller's liability is limited to the replacement of defective goods, to the exclusion of any other repairs and any other claims of tangible or intangible damages, whether of a direct or indirect nature.

The Seller shall remedy the defects at its own expense and with due care, reserving the right to modify the mechanisms of the equipment, if necessary, in fulfillment of its obligations. Work covered by the warranty will generally be carried out in the Seller's workshops once the equipment or the faulty parts have been duly returned.

CLAUSE 18 – SPECIAL WARRANTIES

These warranties are agreed for specific transactions and shall be covered by a separate written agreement between the parties. The risks covered and the commissioning, installation, operating, servicing and maintenance conditions of the equipment shall be determined by negotiation.

CLAUSE 19 – CONCILIATION CLAUSE

Any dispute that may arise related to this contract may be submitted to conciliation at any time. The non-breaching party must give notice to the other party by registered mail with acknowledgement of receipt and propose one or more conciliators in order to decide on one sole conciliator acceptable to both parties within a term of 15 days. The conciliator shall inform the parties of his or her conclusions within a term of two months after the date of his/her appointment. The parties shall then be free to accept or reject the conciliator's proposals. In the event

of failure to appoint a conciliator or if the conciliation process is not successful, the non-breaching party may submit the matter to the competent Court.

CLAUSE 20 – JURISDICTION AND APPLICABLE LAW

a) The sole jurisdiction in the case of any legal actions or disputes related to the interpretation or performance of the orders shall be the Commercial Court of VICHY-CUSSET. This clause shall also be applicable for summary actions, incidental claims or cases involving several defendants and regardless of the method and terms of payment. This agreement shall be governed by French law.

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