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Factory Branches Exports

Designed and manufactured entirely by ATP in Spain



ATP

General Catalogue



10 year warranty immune to corrosion
street lighting



General Catalogue



Innovating since **1969**



ATP

The only ones with a 10-year full warranty

Our state-of-the-art technopolymers T5 and S7 solve common outdoor lighting problems such as weathering, oxidation, and vandalism, and provide our products with total electrical insulation, excellent transmittance, performance, and outstanding lighting control.



Totally
hermetic



Beyond
vandal proof



Class II+
Anti-electrocution

ATP factory
Arre (Pamplona)
Spain



Average annual
investment in R & D

€ 2,500,000

Production
facilities

22,000 m²

Average annual
export percentage

60%

Average annual
turnover growth

8.5%

In-house
engineers

60%

Weekly production
capacity

10,000 luminaires

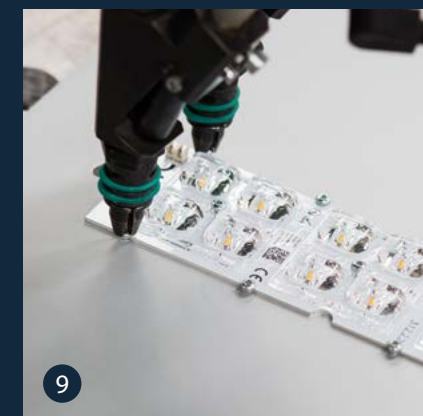
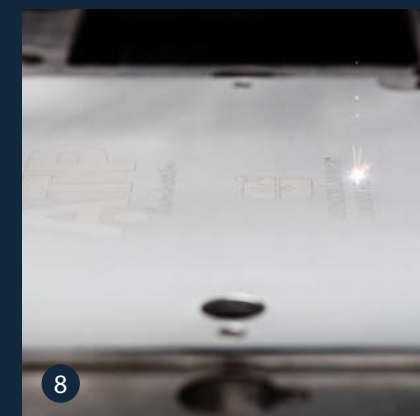
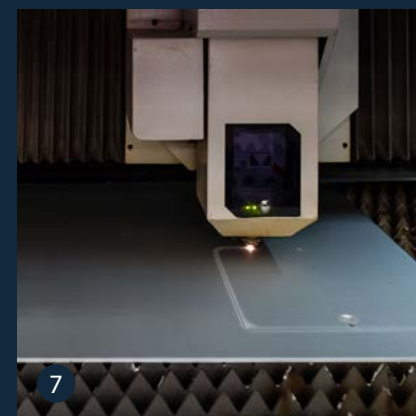
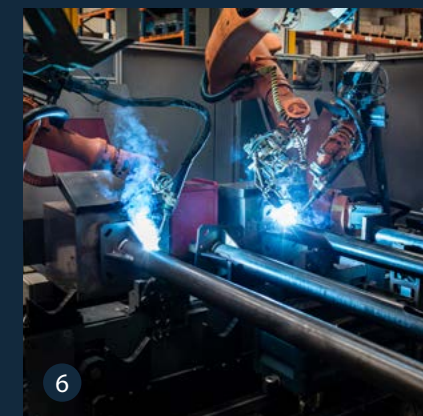
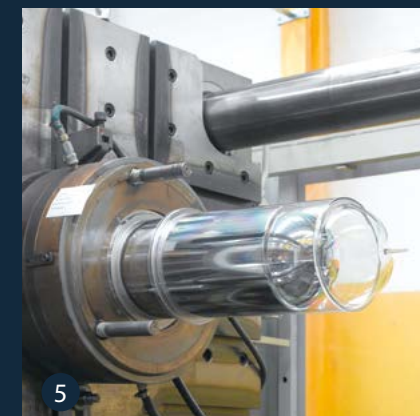
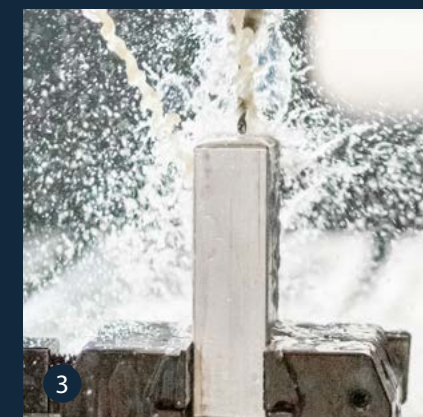
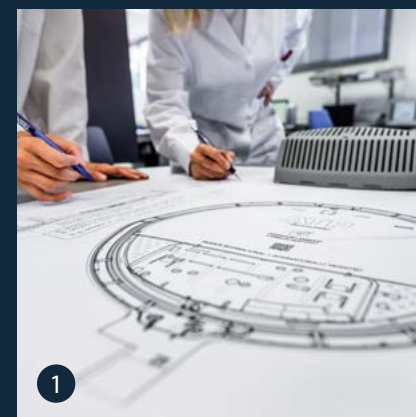
International
presence

+80 countries

Product
references

+350

An exclusive product designed and manufactured entirely in Spain



1 Design | 2 3D prototyping | 3 Machining of moulds | 4 Electrical discharge machining |
5 Injection | 6 Welding | 7 Laser cutting | 8 Laser engraving | 9 Manufacturing of PCB |
10 Quality testing | 11 Robotic assembly | 12 Approval

Company

ATP, more than half a century dedicated to innovation



ATP has state-of-the-art equipment and technology to offer innovative solutions in exterior lighting.

ATP Lighting is a Spanish company with more than 50 years of experience in the design and manufacture of high quality **outdoor lighting** made from **engineering technopolymers**. Our exclusive polymeric materials T5 and S7 provide ATP products with characteristics that make them unique in the market: **immunity to corrosion** and **overvoltages**, **anti-electrocution**, maximum **resistance to vandalism**, **total tightness**, **extraordinary transmittance**, and **outstanding light performance and control**.

Since its foundation in **1969**, the company has ingeniously identified and solved great outdoor lighting problems by reinvesting most of its profits in **R & D** and **cutting-edge technology**. This way of understanding the sector fully corresponds with our business vocation: to provide the most technically **advanced solutions**, **longer lasting** and more **adaptable** to environmental conditions, no matter how adverse.

ATP products incorporate the latest in **LED technology** and are ideal for **coastal outdoor lighting** (coastal municipalities, seafronts, beaches, and ports) thanks to their immunity to corrosion. They also meet the needs of **parks**, **gardens**, and **hotels**, areas where the absence of electrical hazard and resistance to vandalism are key. Our unique characteristics enable us to meet the demands of customers in any part of the world, in any climate, while offering extensive **savings in maintenance**.

In addition to complying with the strictest **quality** and **safety** regulations, at ATP we carry out exhaustive controls and testing in our laboratories to verify the durability of our assemblies under the **most adverse conditions**. As a result, our products are the only ones that come with a **comprehensive 10-year warranty**, the longest full coverage in the industry. Today, from our **22,000 m²** central facilities located in **Navarra, Spain**, we export to more than **80 countries** on five continents.

At ATP, the development of a new product, from the design, prototyping, and manufacturing of moulds and tools to quality testing and approval, is carried out **entirely at our factory** to ensure that each phase adheres to our standards. As a starting point, all of our luminaires must comply with the following specifications:



Totally hermetic



Beyond vandal proof



Class II+
Anti-electrocution

Staff

A workforce with more than 60% engineers

In a highly competitive global market, ATP stands out for a **team of professionals** with the **highest technical qualifications**, prepared to realize the demands of the firm founded on the four pillars that support it: **innovation, quality, service, and warranty**.

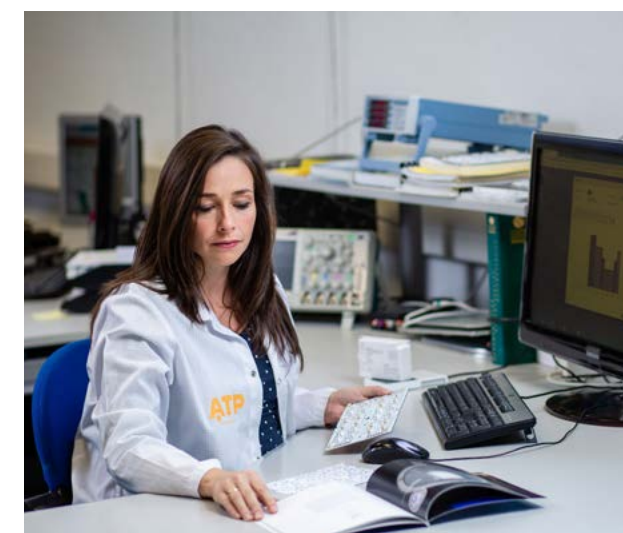
This workforce, made up of more than **60% engineers**, combines the dynamism, inventiveness, and talent of young graduates, chosen from among the best of their specialties, with the established experience, vision and know-how of team members with extensive experience in the world of outdoor lighting.

The ATP team stands out not only for its knowledge and skills, but also for a desire for **continuous improvement** that is demonstrated in the **constant evolution of products**, in the daily enhancement of design in search of greater efficiency, and in the invention of **ingenious solutions to the new challenges** presented by lighting technologies.

This spirit that permeates the team is the true **company culture** of ATP, thanks to which we are currently a **unique firm** with much to contribute to the outdoor lighting sector.



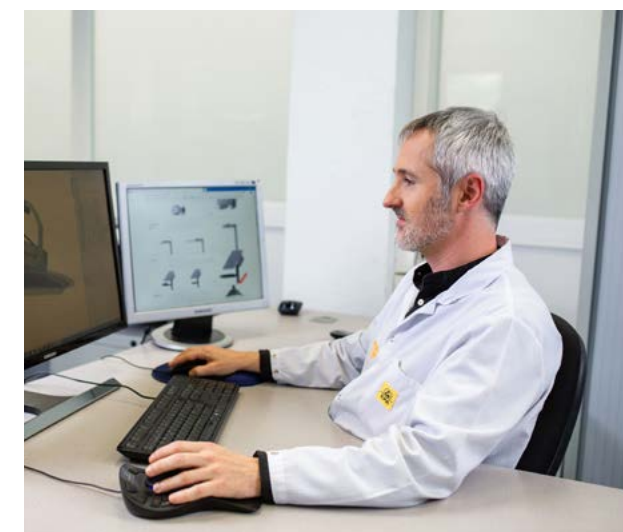
Guillermo Redrado, vice president of Operations.



Sandra Solán, director of R & D Department.



Sergio García, industrial Director.



Miguel Domeño, director of the Technical Office.

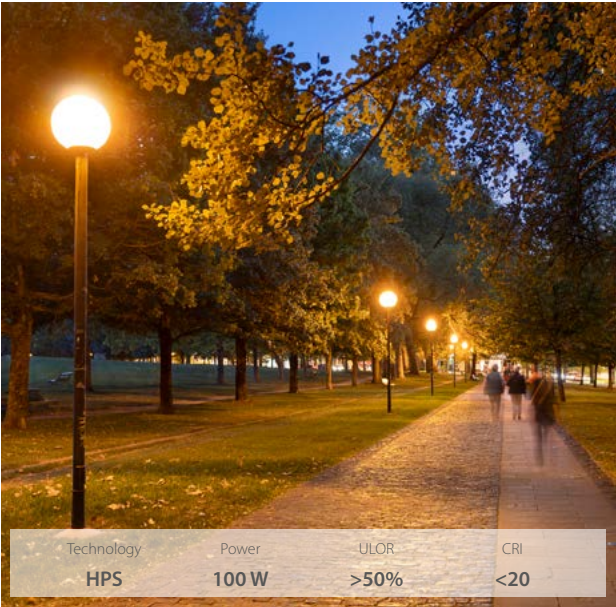
Competitiveness

A production system adapted to the global market

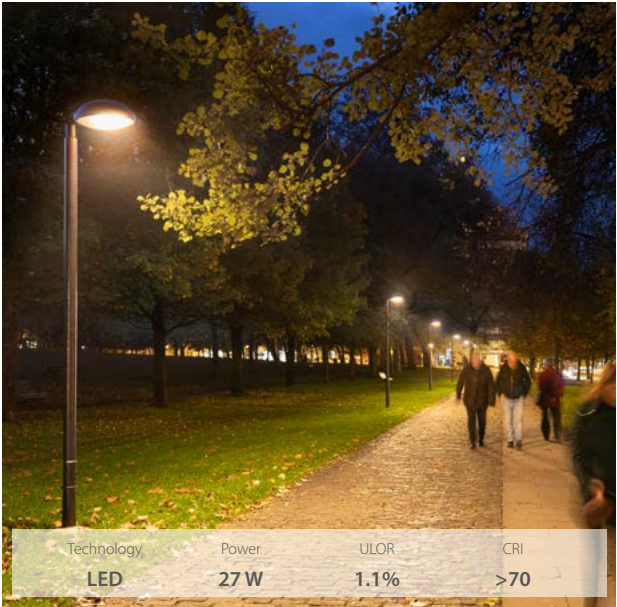
Through an **integrated procedure** from design to installation, at ATP we offer agile and fast service. The versatility of our production system, built on **state-of-the-art machinery**, allows us to adapt quickly to the needs of a changing market. Pioneers in the manufacture of premium outdoor lighting based on engineering technopolymers, ATP is today a company focused on innovation.

Our products are designed to beautify and illuminate **streets, parks, and gardens** with **maximum efficiency** and the **least environmental impact**. In addition to their aesthetic value, the resistance and durability of our luminaires provide safety to public roads and offers lighting authorities the peace of mind of a **guaranteed investment** with no electrical risk for the citizens and animals.

Outdoor lighting in Vuelta del Castillo park, Pamplona



Before: HPS solution from other manufacturer.



Today: LED solution from ATP Lighting. Reduction of light pollution, and energy savings of 77%.

The combination of a modern technological infrastructure and the dedication of a highly qualified team has earned ATP luminaires outstanding recognition in the global market, where we serve satisfied clients in more than 80 countries. A testament to this prestige are the international awards our luminaires have received over the years, including Red Dot, German Design Award, Design Plus, Muse, Titan, International Design Award (IDA), LIT, Design Master-prize, London, and NY.

All our manufacturing processes are carried out in harmony with the environment, with **100% recyclable** materials. Also, aware of the repercussions of light pollution, we have worked together with astronomical observatories and astrophysical institutes to ensure that our luminaires diffuse as little light as possible into the atmosphere and protect the darkness of the night sky. Our projects have received praise from respected institutions in this field such as the Pamplona Planetarium.

International awards





Quality

Excellence as a principle



Galvanized steel pole section from another manufacturer and ATP Synergy Tube®, both after 2000 hours of exposure in a salt fog chamber.

Convinced that the best presentation of any manufacturer is the quality of its products, at ATP we self-impose rigorous controls to ensure the **reliability** and **durability** of all our lighting sets. With this idea in mind, the factory has its own laboratory where we subject our lighting assemblies to all types of **resistance, safety, and performance testing**, reproducing extreme environmental conditions.

The instruments and procedures used are the same as for accredited laboratories (such as the Electrical Engineering Official Central Laboratory, LCOE), which enables verification *in situ* that all our products comply with and exceed the requirements of the **most stringent certifications** (N, ENEC, CB, CE, UKCA, NOM).

Among the many factory tests carried out are the **tightness tests**, in order to ensure that all products achieve **IP66 protection for the entire housing**, and mechanical resistance

tests, where luminaires are exposed to impact **greater than 50 joules**, more than double than that established by Standard IEC 62262 to obtain the highest IK category (IK10, 20 joules).

Our facilities also have a **salt fog chamber, climate chamber** and a **UV accelerated ageing chamber**. Using these instruments we certify **immunity to corrosion** of our materials and their resistance to the most aggressive meteorological and environmental agents that an outdoor lighting set may experience.

ATP's commitment to excellence in quality, safety, and environmental protection is also demonstrated in the certifications **ISO 9001:2015** Quality Management System, **ISO 45001:2018** Health and Safety in the Workplace Management System and **ISO 14001:2015** Environmental Management System, earned in recent years by the company through AENOR and periodically renewed.



Electrical isolation



Much more than Class II
In addition to the protection offered by Class II, our technopolymers are fully insulating, which eliminates any possibility of electrical shock when touching our poles or luminaires. This is why we call it Class II+. The dielectric strength of our materials is greater than 22,000 volts.



Class 0
These have only functional insulation with no grounding device.



Class I
These have functional insulation and a grounding connection.



Class II
These have double insulation without a grounding terminal. Used as an alternative to Class I when there is insufficient assurance of ground connection.

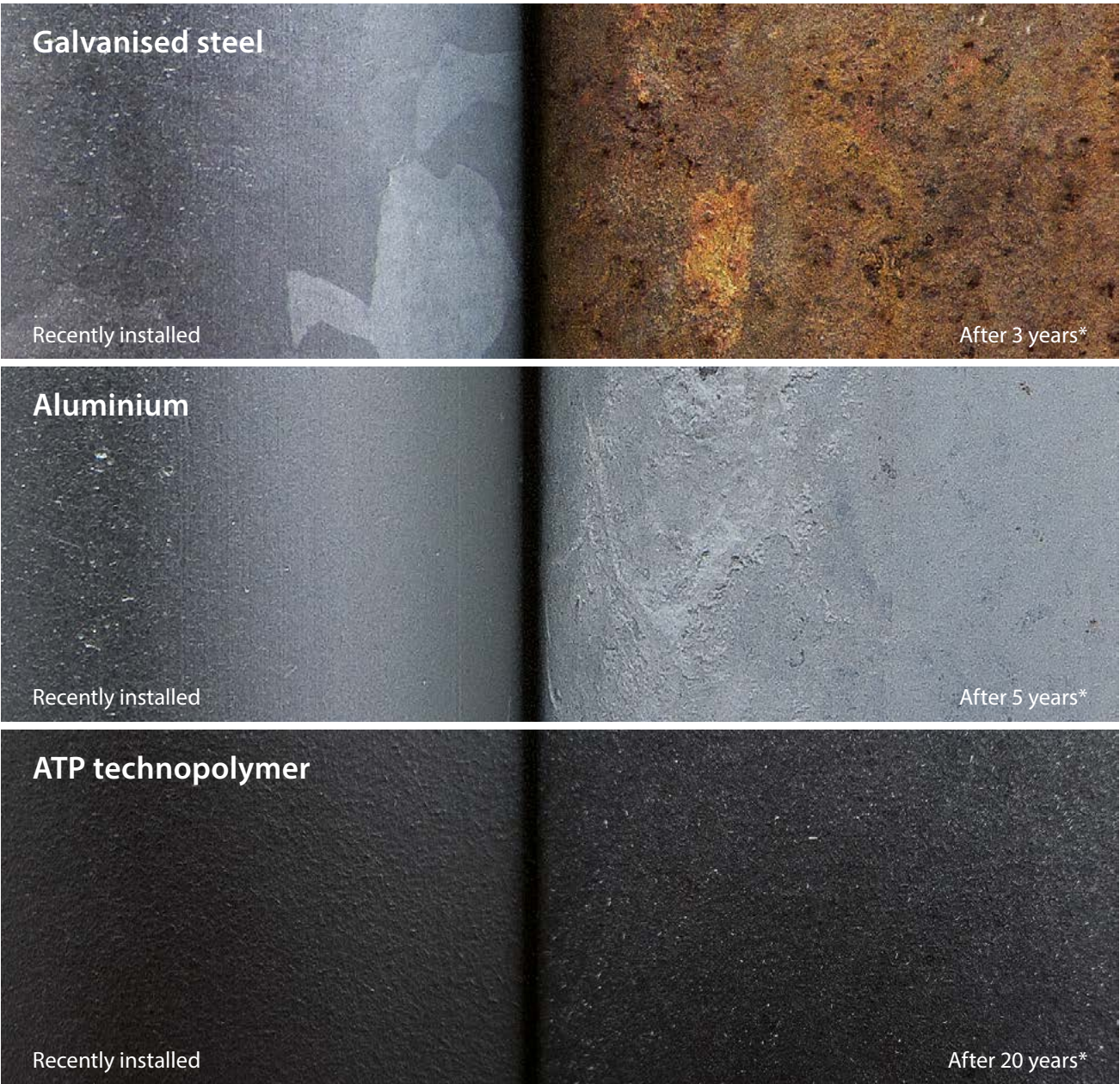


Class III
Luminaires powered at a very low safety voltage, i.e., less than 50 V.

Corrosion testing

As a leading brand, at ATP we have changed the way we understand street lights: all our products are **immune to corrosion** and **deterioration caused by the weather**, so they require no **maintenance**. This advantage comes from the **S7** and **T5** polymeric materials with which we make all of our products.

At our central facilities we subject our materials to testing in **saline**, **climatic** and **UV accelerated ageing chambers** to simulate the **most extreme conditions on the planet**, where they demonstrate **superiority to the steel and aluminium** normally used in the manufacture of outdoor lighting.



*Subjected to extreme laboratory conditions.

Protection indexes

Vandalism is not a threat to ATP outdoor lighting. All our light points pass impact tests exceeding **50 joules**, more than double that established by international Standard IEC 62262 to obtain the maximum degree of resistance, **IK10** (20 joules). At this level of exceptional robustness of the housing, including the diffuser, we call it **IK10+**.

Furthermore, ATP is the only manufacturer in the world that has achieved an **IK10 protection index** certified by **AENOR** for both the **shaft** and the **maintenance access** for all its columns.

Likewise, all our luminaires are classified as **IP66**, which means that they are completely hermetic to solid bodies

and liquids: sand, dust, insects, dirt of any kind, humidity or nitrate, none of this can penetrate its polymeric structure. This tightness is not limited to the optical assembly, as is usual in this sector, but extends to the **entire housing**; that is why we call it **IP66+**.

This characteristic provides insulation and protection to the internal elements of the luminaire, guarantees **unalterable performance** over time, and **eliminates maintenance costs**.

As with IK, ATP is the only manufacturer that has also achieved category **IP66**, certified by **AENOR**, for its **columns** and **maintenance accesses**, which reinforces the overall durability of the whole lighting assembly.



ATP testing: impact of 50 joules of energy with a 5 kg club.

IK10
Impact protection
IK in accordance with IEC 62262

Degrees of protection provided by the electrical material housings against external mechanical impact (IK code).

Nomenclature:

- IK00 Not protected in accordance with this standard.
- IK01 Impact energy 0.15 joules.
- IK02 Impact energy 0.2 joules.
- IK03 Impact energy 0.35 joules.
- IK04 Impact energy 0.5 joules.
- IK05 Impact energy 0.7 joules.
- IK06 Impact energy 1 joule.
- IK07 Impact energy 2 joules.
- IK08 Impact energy 5 joules.
- IK09 Impact energy 10 joules.
- IK10 Impact energy 20 joules.



ATP test: continuously moving cloud of 2 kg/m³ of dust with a diameter of less than 75 µm.

IP6X
Protection against entry of solid bodies
IP in accordance with IEC 60598

Indicates the degree of protection against access to live or moving parts, and also the degree of protection against the penetration of solid bodies and dust.

Nomenclature:

- 0 Not protected.
- 1 Protected against solid bodies exceeding 50 mm.
- 2 Protected against solid bodies exceeding 12 mm.
- 3 Protected against solid bodies exceeding 2.5 mm.
- 4 Protected against solid bodies exceeding 1 mm.
- 5 Dust protection.
- 6 Airtight against dust.



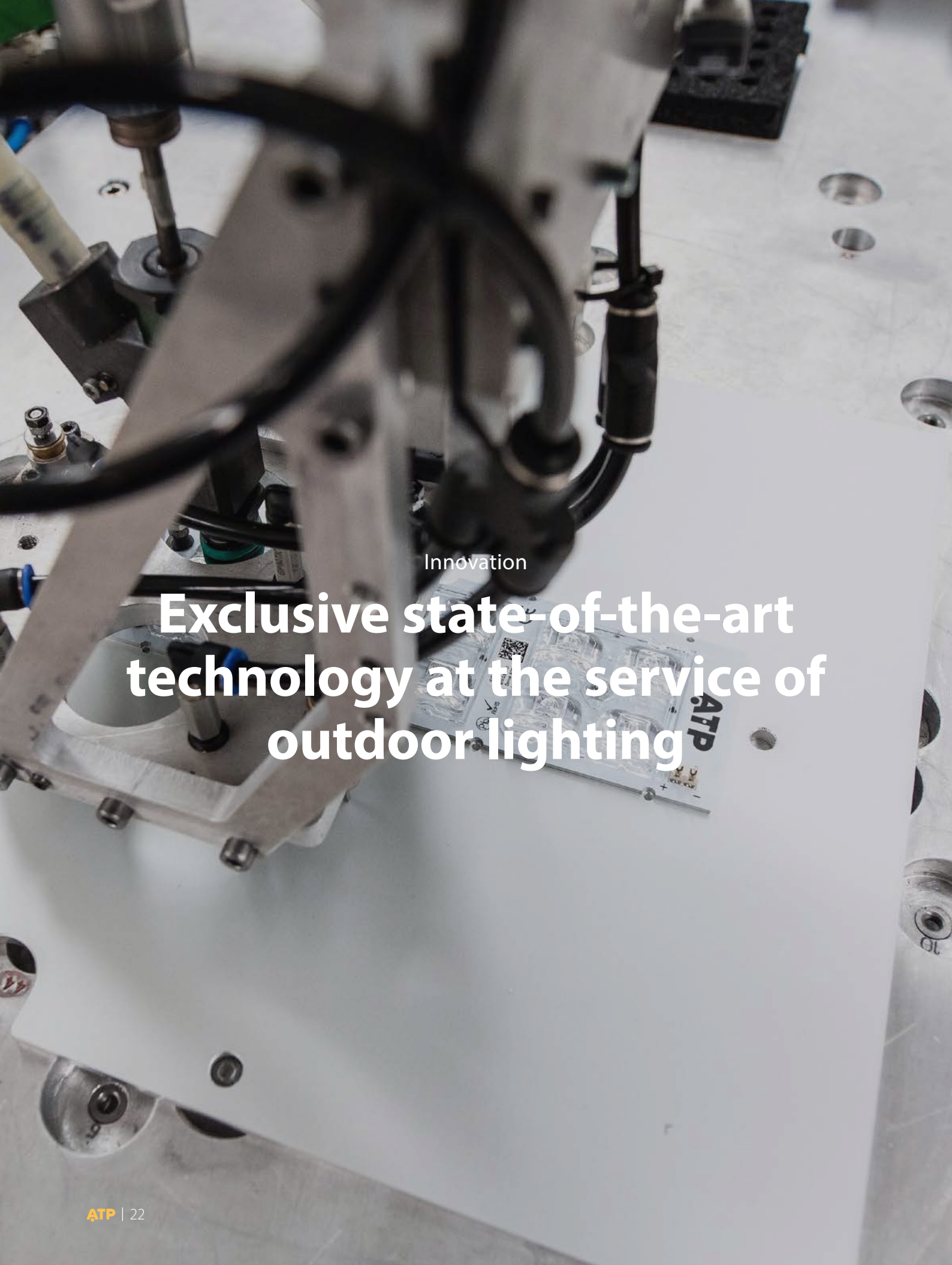
ATP test: projection of water from all angles at an average of 100 l/min with a pressure of 100 kN/m².

IPX6
Protection against entry of liquids
IP in accordance with IEC 60598

Indicates the level of protection of the luminaire housing against the penetration of liquids; in this case water.

Nomenclature:

- 0 Not protected.
- 1 Protected against vertical falling water.
- 2 Protected against falling water (up to 15°).
- 3 Protected against light rain.
- 4 Protected against splashing water.
- 5 Protected against jets of water.
- 6 Protected against powerful jets of water.
- 7 Protected against accidental submersion.
- 8 Protected against prolonged submersion.



Innovation

Exclusive state-of-the-art technology at the service of outdoor lighting

The main hallmark of ATP, along with quality and warranty, is **innovation**. Since our inception, we have focused on **identifying** and **ingeniously solving** the great deficiencies of outdoor lighting products, for which we have systematically **reinvested** most of our profits in R & D and **state-of-the-art equipment** intended to constantly improve our factory and laboratories.

This has allowed us to develop a product with unique characteristics that, thanks to a combination of proprietary technologies and technical materials, solves the traditional problems of outdoor lighting (**corrosion, sealing deficiencies, vandalism, and electrocution**) and the structural weaknesses of LED (**glare and sensitivity to overheating and overvoltages**).

 Outdoor lighting issues	 ATP's solution
Corrosion	ATP polymeric materials immune to corrosion
Penetration of particles and liquids	IP66+: Totally hermetic
Vandalism	IK10+: Beyond vandal proof
Electrocution	Class II+: Anti-electrocution
 LED issues	 ATP's solution
Overheating	Laminar Heatsink®
Glare	Comfort Diffuser®
Overvoltages	Polymeric materials and robust structure

ATP polymeric materials

Unique features without maintenance

The transformation led by ATP in the outdoor lighting industry is based on the materials we use to manufacture our streetlights: **state-of-the-art engineering technopolymers**, created in our laboratories, which demonstrate a resistance to weathering much higher than that of steel and aluminium. Our products integrate two types of polymers with excellent performance: the **S7** –which makes up the chassis of the luminaires, the columns, the arms and the bases– and the **T5** –for the diffusers–.



S7: Reinforced technopolymer **S7** is **immune to corrosion** and weathering, and eliminates the risk of **electrocution**. Tropical storms, intense sun, extreme humidity, nitrate, highly polluted or toxic environments, and even fire; none of these threats affect the **S7**. This material has been subjected to 2000 hours of UV radiation with no colour alteration. The strength of the **S7** makes it ideal for outdoor lighting applications, providing substantial **savings in maintenance**.



T5: High-impact tropicalized transparent thermopolymer **T5** is manufactured using chemical polishing technology to achieve exceptional **transparency** and **transmittance**, allowing us to offer superior **lighting performance** to glass and obtain outstanding **lighting control** and **efficacy**. Like the **S7**, this material passes impact tests higher than **50 joules –more than double** that required to obtain **IK10 (20 joules)**–, showing a mechanical resistance 200 times greater than that of glass.



Siglo XLA LED with Comfort Diffuser® made with our S7 and T5 polymers.

Sealing gasket

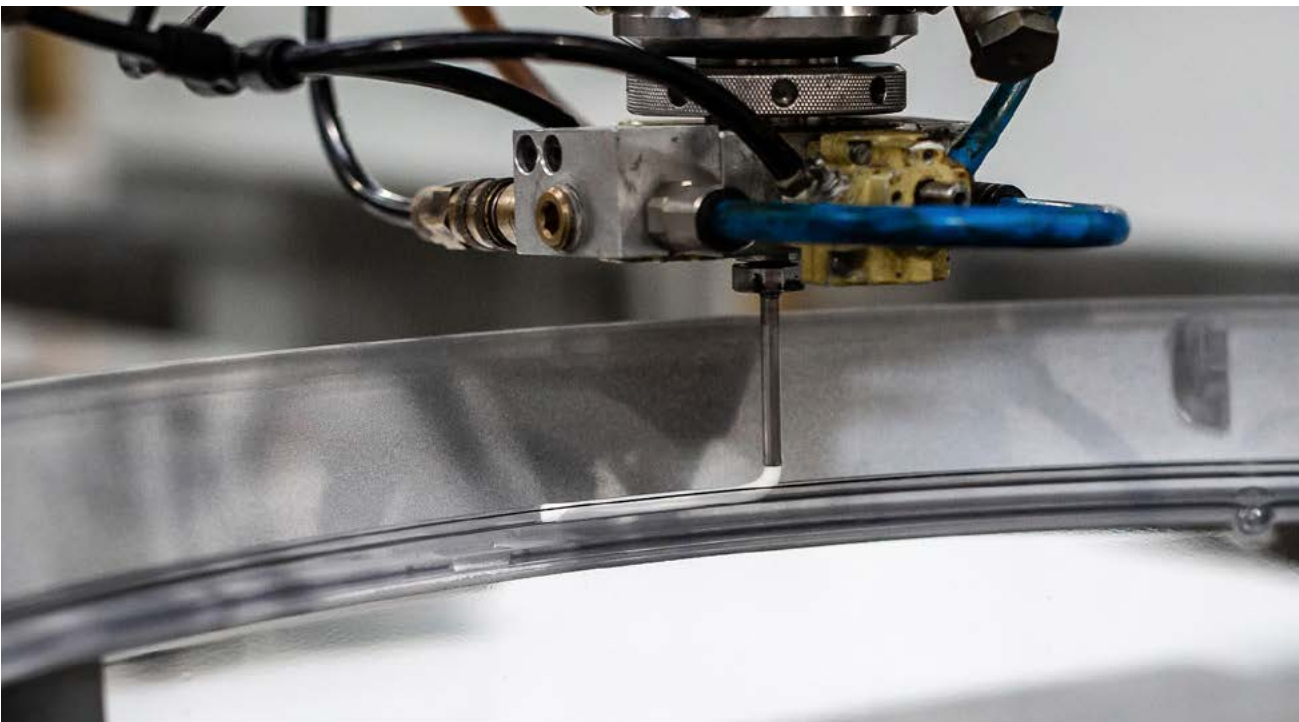
Fully hermetic luminaires

ATP's **R & D** team has developed a robotic system to apply the sealing gasket, thanks to which we are able to create a **hermetic perimeter without joints**. The insulating material is dispensed in liquid form on a rail modelled on the chassis of the luminaire, which ensures the absence of cracks and discontinuities that could compromise the joint seal or cause it to lose adherence over time. Once applied, the substance solidifies and forms an **impassable barrier for liquids and particles**.

The combination of a technopolymer housing with a gasket applied with the utmost precision guarantees **full sealing** of the **entire luminaire**, and not only the optical assembly, as is usual in the sector. This complete hermetic seal, which differentiates our **IP66+** from the **conventional IP66**, prevents insects, dust, dirt, humidity, and nitrate from entering the diffuser, which maintains unaltered performance and saves **maintenance** costs over the years.



Sealing gasket in a Siglo XLA.



Application of the sealing gasket, in liquid form, on the chassis of a Cónica.

Synergy Tube®

Resistant columns with no electrical risk

The ATP Synergy Tube® is the basic component to achieve total protection against **electrocution** for the columns, which is the most accessible element of the light fixture and that which represents the greatest danger for the road user. This innovation consists of a tube with a hybrid structure with a **galvanized steel core** and a fused coating of reinforced technopolymer **S7**, which is **insulating** and stands out for its **resistance** and **immunity to corrosion**.

This non-conductive material is responsible for ensuring that direct contact with the lamp is one hundred percent safe. Additionally, its proven resistance to **vandalism** and **environmental agents** –rain, ice, nitrate, intense sun, environments with high pollution or toxicity– guarantees that the anti-electrocution properties of the light point remain unaltered over time, without the need for painting or other **maintenance** tasks requiring additional investment.



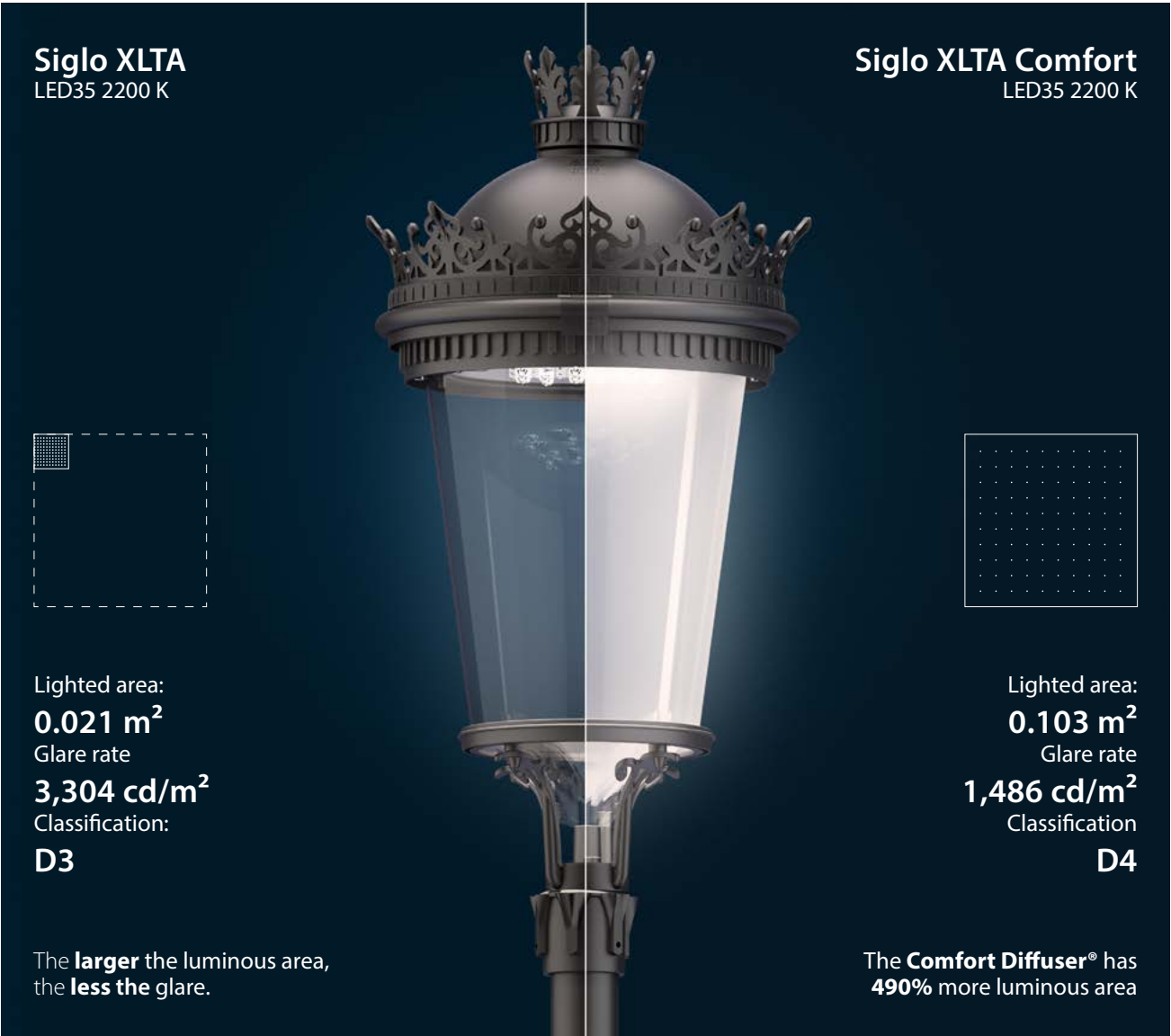
Structure of the ATP Synergy Tube®



The Synergy Tube® offers total protection against electric shock thanks to its S7 coating.

Comfort Diffuser®

The solution to glare



Comparison of two luminaires, one with a transparent diffuser and the other with a Comfort Diffuser®.

This diffuser has been created from the T5 thermopolymer and is designed to mitigate LED glare without reducing the exceptional performance of this technology or affecting photometry. Based on exhaustive research that takes into account various phenomena of light physics, and observing the inversely proportional relation between **surface** and **light intensity**, we have managed to isolate the aspects that should be modified to obtain **maximum comfort** while maintaining **efficacy**.

Accordingly, the achievements of LED technology in terms of energy savings and light quality are now compatible with **visual comfort**: boulevards, seafront promenades, parks, and gardens can display **high colour rendering** with a clear and defined look without dazzling road users. Likewise, the Comfort Diffuser® **softens the shadows** produced by the ornaments of the luminaires, which favours **uniformity** and improves the **overall appearance** of the environment.

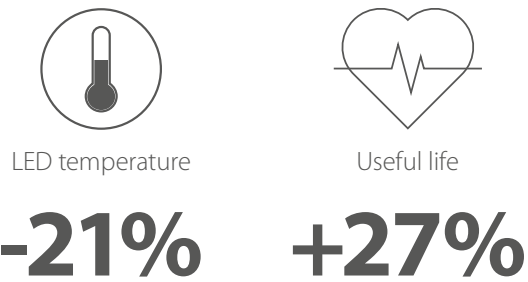
Laminar Heatsink®
Advanced thermal management

The Laminar Heatsink®, with an international ATP patent, is a unique thermal management system on the market, designed to solve the **overheating** of LEDs, thus extending their **useful life**.

This device, which, unlike finned heatsinks, is smooth and extra-thin, lowers the working **temperature** of the LED modules by **21%** and prolongs their **useful life** by more than **21,000 hours**. Taking into account that the estimated annual average operation of outdoor lighting in a city is 4100 hours, this means extending the useful life of the LED to almost **25 years**.

These figures are the result of rigorous measurements carried out by our Quality Department in a climate chamber at a constant **35 °C** without air flow. We are the only company in the sector that performs testing at such a high temperature, **10 °C above** the **25 °C** at which other manufacturers test their products.

Comparison between conventional finned heatsink and Laminar Heatsink®



Laminar Heatsink® tests carried out at an ambient temperature of 35 °C, 10 °C above the 25 °C at which other manufacturers test their products (40% higher test temperature).



ATP Laminar Heatsink® in Metr poli LBLC luminaire.

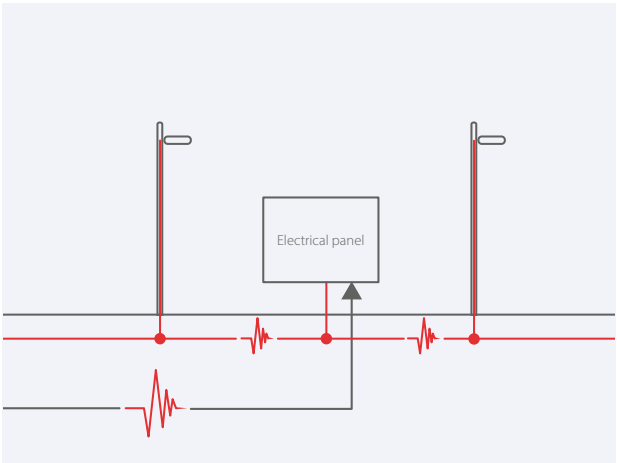
Immunity to overvoltages
The most robust luminaires on the market

One of the peculiarities of LED technology is its sensitivity to **overvoltages**, whether caused by **operations in the network** or by **atmospheric** or **electrostatic discharges**. This fragility seriously compromises the useful life of the light source and implies high maintenance costs. However, ATP Lighting's LED luminaires **are not affected** by these electrical disturbances, thanks to their architecture and the polymeric materials with which they are manufactured.

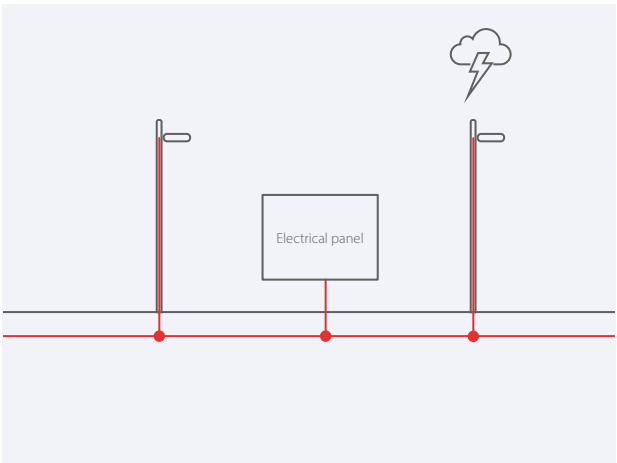
Furthermore, our products are **Class II** and require no grounding, which is the main entry path for lightning strikes. Additionally, the housing is made from our **technopolymers** rather than metal, which also eliminates the possibility of electrostatic discharge. This combination of factors makes our LED luminaires the most **robust** on the market and the only ones truly **immune to overvoltages**.



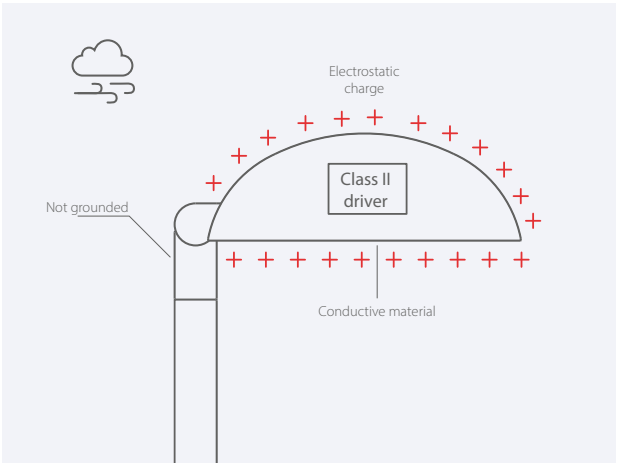
ATP, the only luminaires on the market immune to overvoltages.



Disturbances due to operations in the electrical network.



Lightning surge.



Electrostatic discharges.

Integrated fuse holder

The alternative to the access panel

Access panels, located at the base of public lighting columns, are a point of access to the electrical elements of the installation and may pose significant **risk of shock** if they are not in perfect condition. Also, they may become susceptible to **wiring theft**, a practice that results in replacement costs and interruption in lighting service.

In constant search for innovative solutions for recurring problems in outdoor lighting, ATP has designed an exclusive **fuse holder** housing that is perfectly integrated into the core of the luminaire, protected by the hermetic housing.

This device, available on request for **our entire catalogue of luminaires**, makes it possible, when desired, to eliminate the need for access panels at the base of the column, which prevents the electrical components from being easily accessible while providing greater safety and resistance for the lighting assemblies.



Fuse holder housing in the driver tray of an Aire® 5 Series luminaire.



The integrated fuse holder is specially designed to eliminate the need for an access panel at the base of the column.



Immune to corrosion



Totally hermetic



Beyond vandal proof



Class II+ anti-electrocution



Comfort Diffuser®



Laminar Heatsink®



Immune to overvoltages



Warranty

10 years, the most comprehensive and extensive coverage in the industry



Only ATP can offer a real warranty of 10 years even in extreme conditions of humidity, temperature and salinity.

We are the only manufacturer that offers a **comprehensive 10-year warranty** from the first unit at no additional cost, even in conditions of intense humidity, high ambient salinity, and extreme temperatures. At ATP we subject our products to the most exhaustive quality controls to ensure their durability and reliability anywhere in the world, especially in environments with very aggressive climates for conventional lighting.

Testing of **tightness, mechanical resistance, electrical insulation, temperature, UV accelerated ageing cham-**

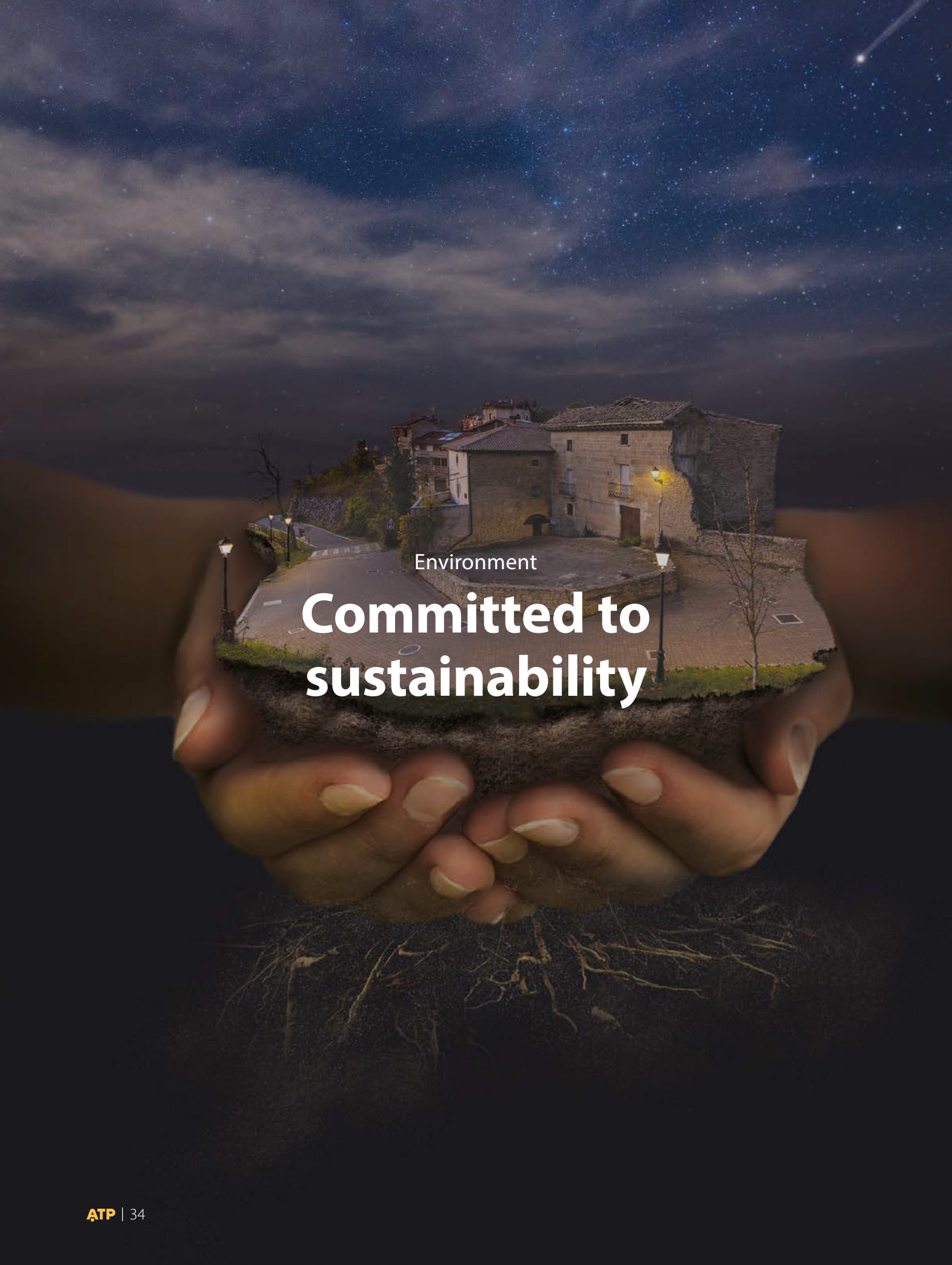
ber, salt chamber and climatic chamber demonstrate the excellent long-term behaviour of our streetlights in adverse conditions, where other products present flaws and malfunction in very little time.

For this reason, our warranty, which covers any manufacturing defect and includes repair and/or replacement costs, is currently the most **complete** and **extensive in the sector**. This has been proven by the perfect operation of thousands of ATP assemblies which have been installed all over the world for **more than a decade**.

Cover of a Siglo luminaire recently installed.

Cover of a Siglo luminaire after 25 years exposed to weathering.





Environment

Committed to sustainability



Square classic Villa XLA with different colour temperatures (CCT) and their respective colour rendering indexes (CRI).

Conservation of the environment, **sustainability**, and respect for the natural conditions of the ecosystems are priorities for ATP. All of our products are made with **100% recyclable polymeric materials** that can be recovered and reused when the useful life of the streetlights is complete. We also possess the certification **ISO 14001: 2015** "Environmental Management Systems", which guarantees that our entire production process is respectful of the environment and complies with national and European regulations on this matter.

Another basic concern for ATP is the control of **light pollution** and the protection of **biodiversity**. Cold colour temperature LEDs alter animals' circadian rhythms and cloud the night sky, the latter due to the easy propagation in the atmosphere of the blue spectral component. At ATP we solve these problems by combining **warm and ultra-warm***

colour temperatures with **precise optics** and **adjusted light levels** that reduce the diffusion of LED light in the sky.

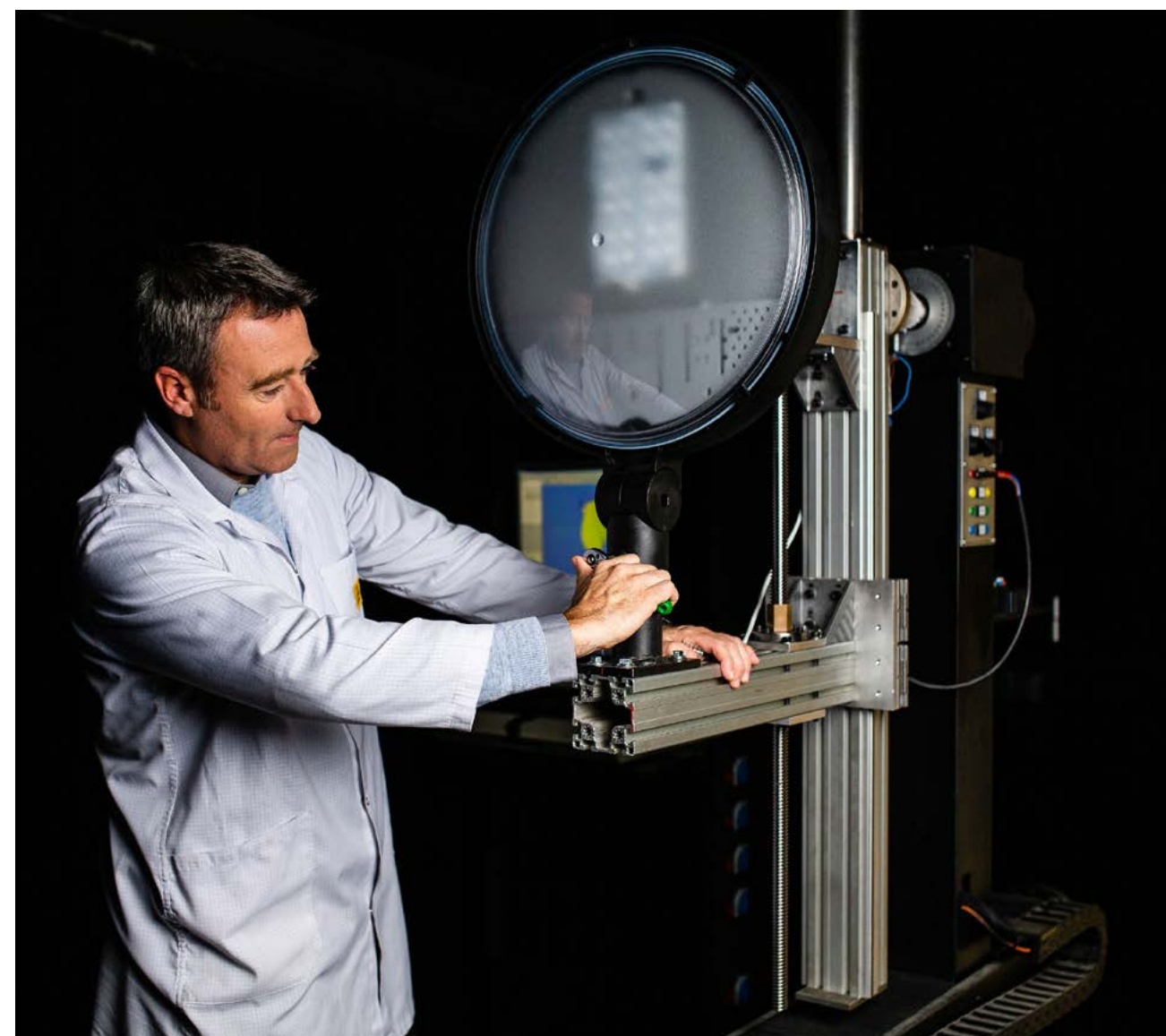
Recommended colour temperatures depend on the application: **2700 K, 2200 K and 1800 K** for conventional uses that require a high colour rendering index (CRI) and **PC Amber** for especially sensitive places, such as observatories or natural parks. Taking these parameters into account, we are able to offer efficient outdoor LED lighting that also preserves the natural darkness of the night sky and respects wildlife cycles.

In recognition of our efforts to work in the greenest way possible, ATP has been awarded the **ISSOP seal** by the Feniss Foundation, bestowed to companies that manufacture products **without planned obsolescence** and with environmentally friendly materials and procedures.

* Warm: 2700 K. Ultra-warm: 2200 K, 1800 K and PC Amber.

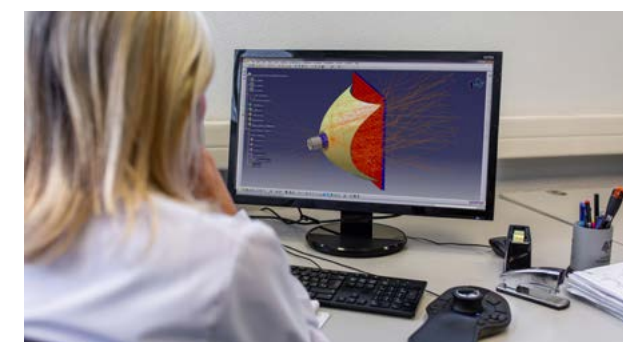
Services

Lighting studies and 3D rendering



Andrés Armañanzas, director of the Lighting Department, preparing a test on the photogoniometer.

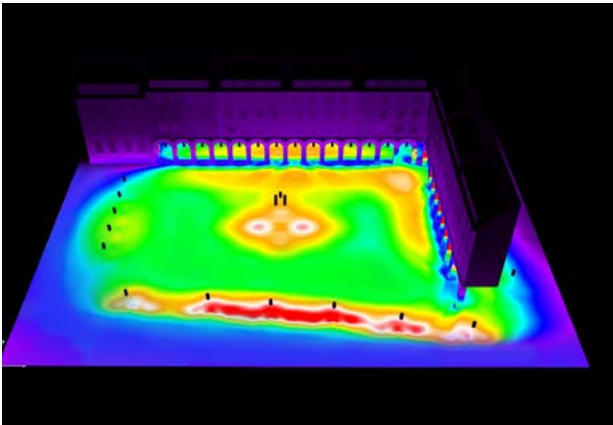
Our factory is equipped with its own **photometric laboratory** with a high precision **photogoniometer** to carry out all pertinent testing. These tests include measurements of flux, efficiency, colour temperature, colour rendering index, and photometric curves, among other parameters, with maximum reliability in accordance with testing standards for LED technology **UNE EN 13032-1, 2, 4 and 5**.



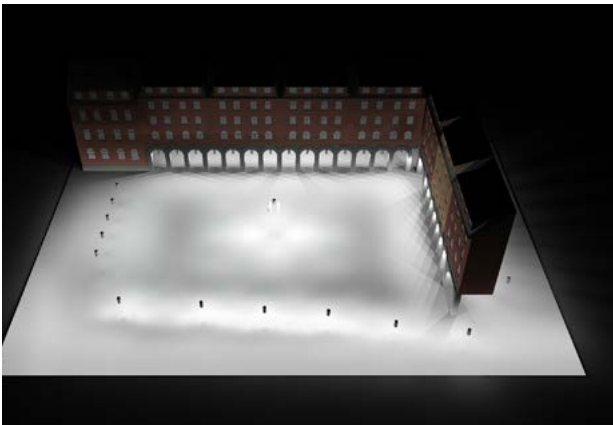
Optics simulation and design program interface at our headquarters.

Based on this technology, at ATP we offer our customers a **lighting study service** designed to offer complete and optimal solutions to their projects. The study is provided in a **format compatible** with any lighting calculation program, and contains all the information necessary for development:

- Energy data evaluation.
- Three-dimensional view.
- General data.
- Project luminaires.
- Calculation points.
- Isolux curves (horizontal illuminance).
- Isoluminance curves.
- Virtual representation of illuminance with colours.
- Virtual representation of illuminance in greyscale.
- Numerical results (horizontal illuminance).
- Numerical results (luminance).
- Quality parameters.



Virtual representation of illuminance with colours.



Virtual representation of illuminance in greyscale.



Plaza Mayor in Gijón, Spain, before (left) and after (right) execution of the lighting renovation project by ATP.

Once the lighting studies have been carried out, if there are situations that cannot be optimally solved with standard optics, we **design** or **customise *ad hoc*** photometric distributions in order to comply with customer project requirements. This capacity of adaptation and development affords us great versatility and allows us to solve any setting through custom solutions.

We also offer a **3D rendering** service which demonstrates quickly with an estimation of the final result of the work,

how a finished lighting project will look. Architects and designers, aware that outdoor lighting assemblies can **complement the landscape**, highlight its qualities as well as beautify and add character to it, use 3D rendering to get a precise idea of which products best combine aesthetically with the environment in which they will be installed.

These virtual integrations enable experimentation with **different models**, customisation accessories, and even colour temperatures to get the exact **desired design**.



Virtual integration of the product in a real environment from a photograph.



Immune to corrosion



Beyond vandal proof



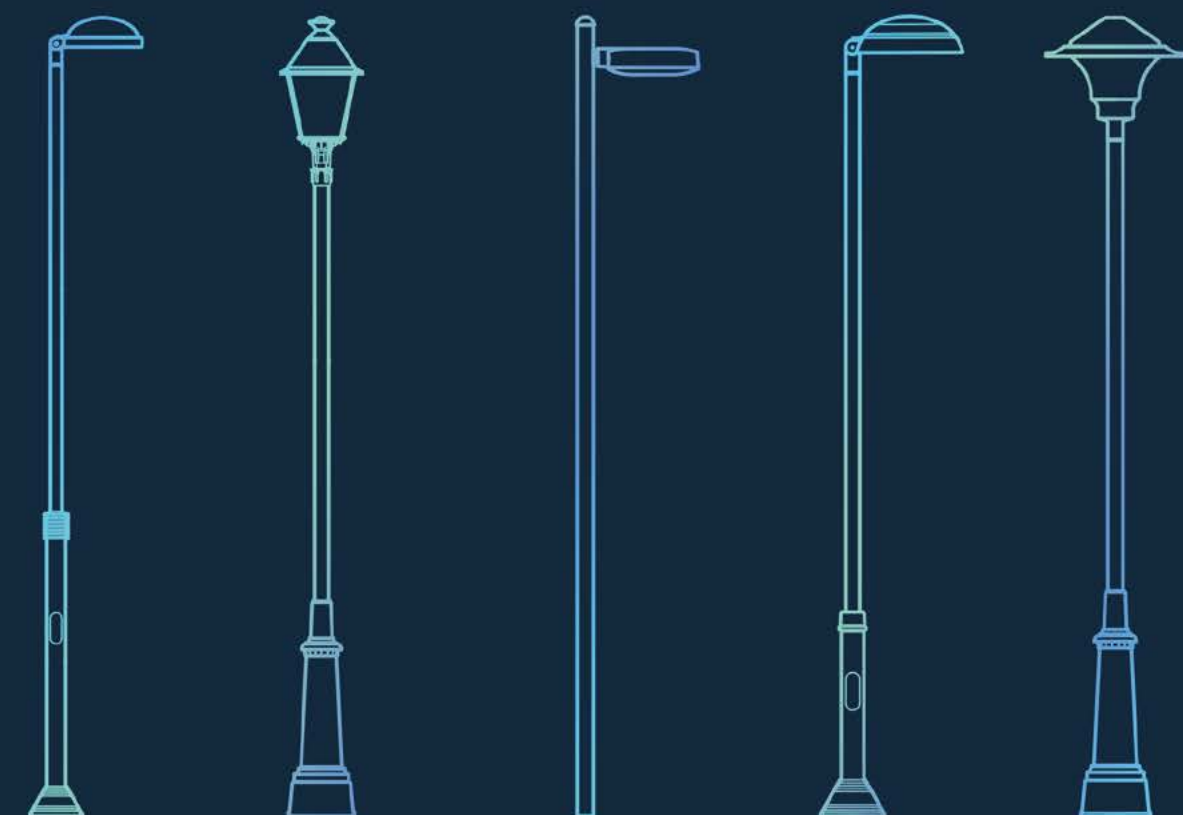
Class II+ anti-electrocution



10 year warranty



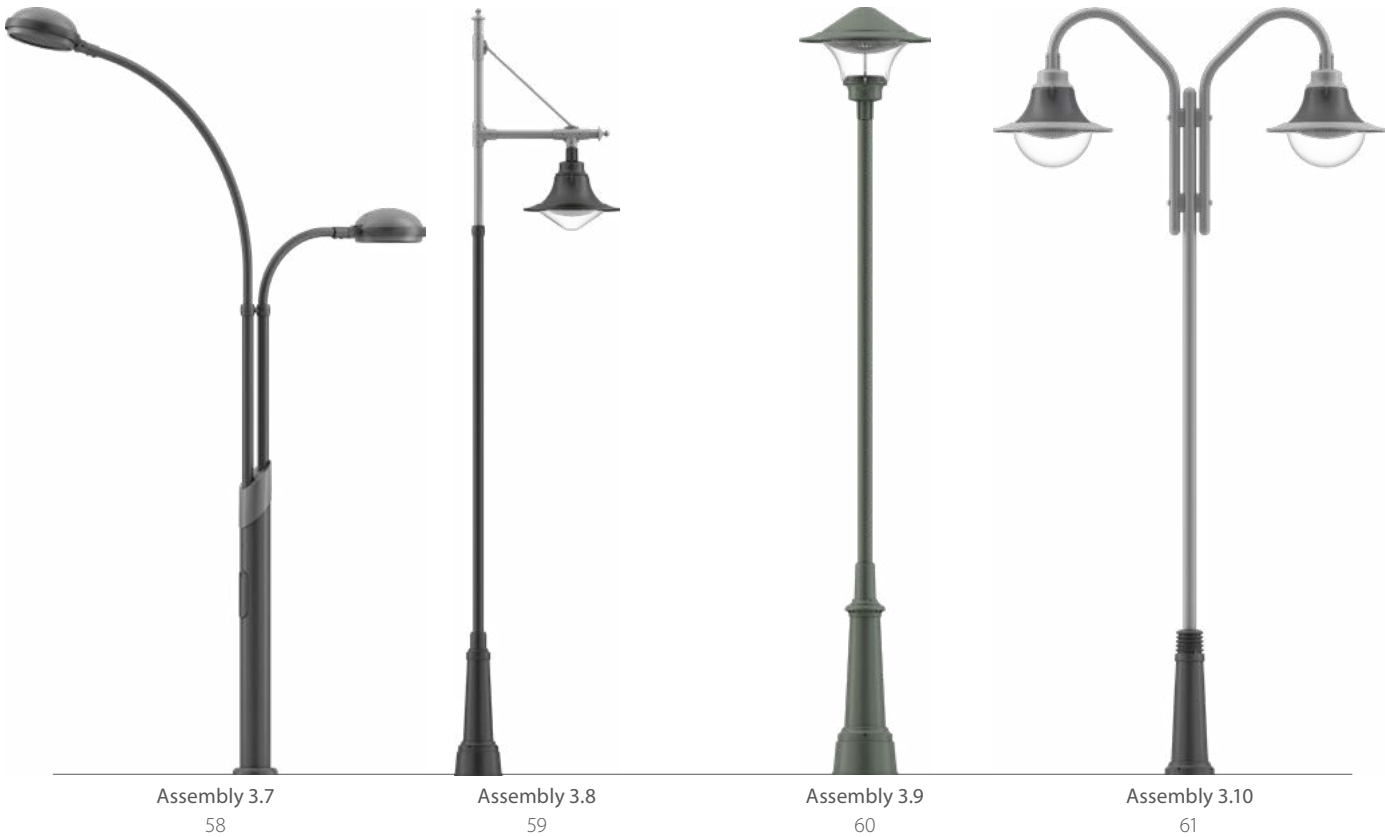
ASSEMBLIES





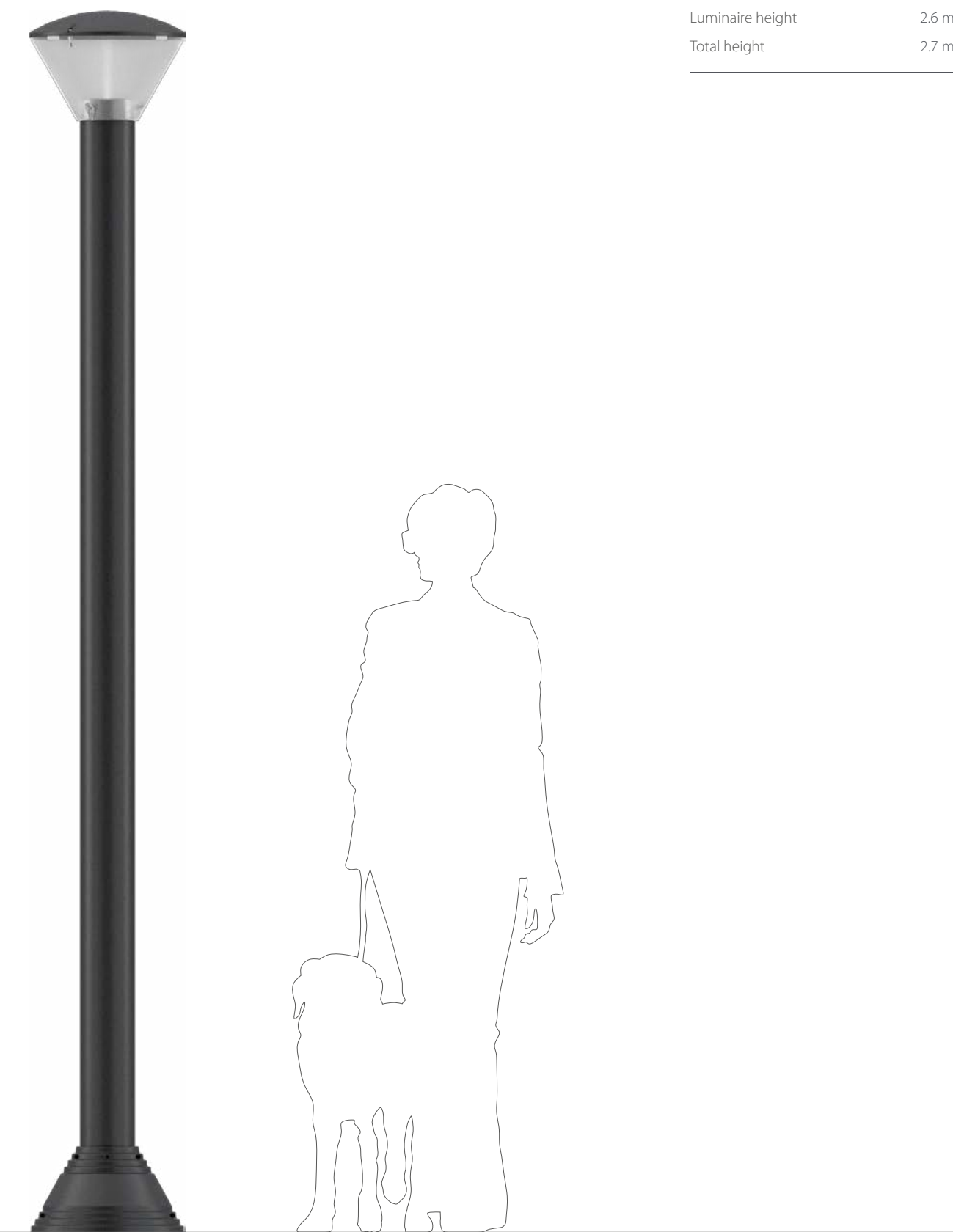
Assembly 2.2 (page 51)

LOW ASSEMBLIES



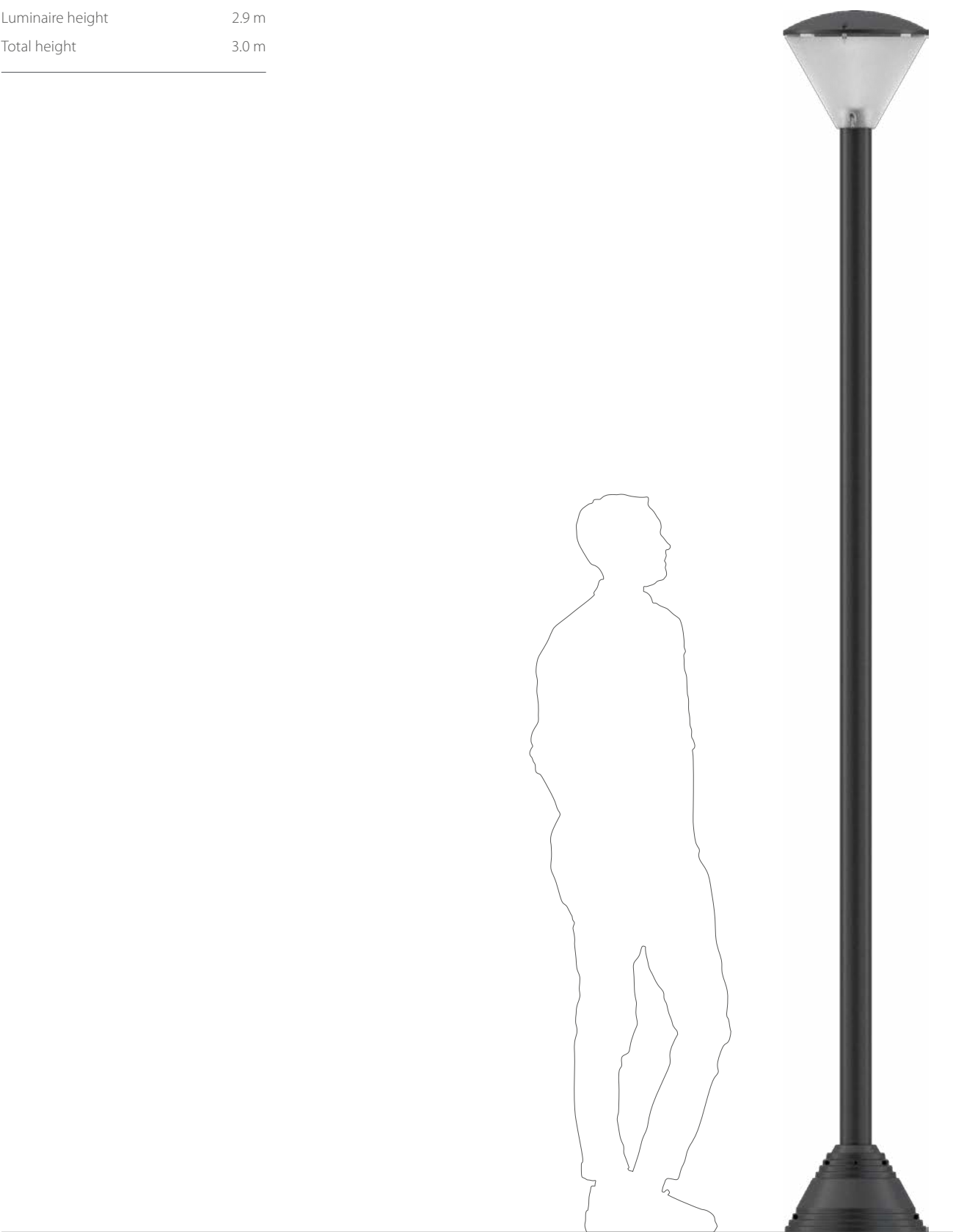






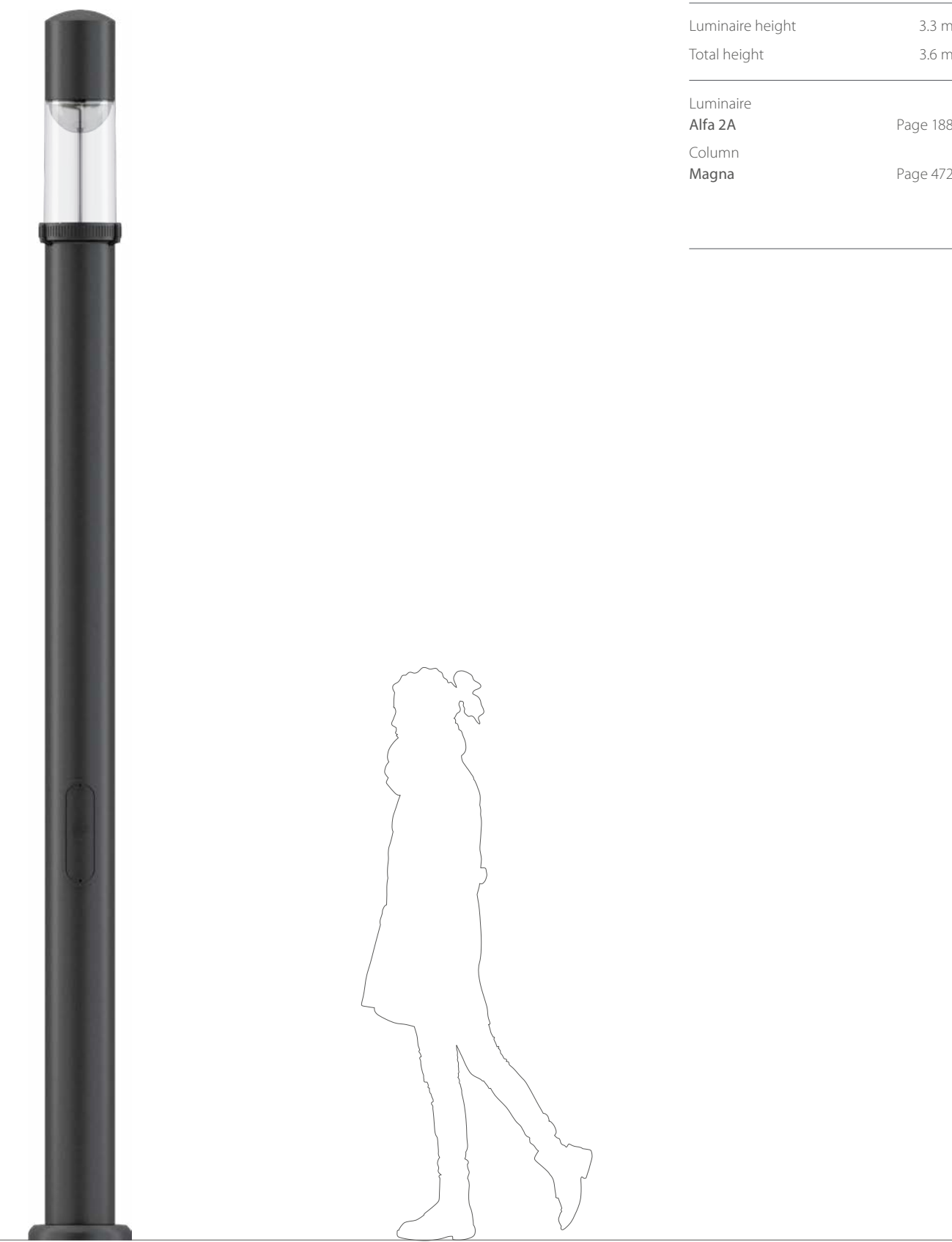
Specifications	
Luminaire height	2.6 m
Total height	2.7 m

* Column without access panel



Specifications	
Luminaire height	2.9 m
Total height	3.0 m

* Column without access panel



Specifications	
Luminaire height	3.3 m
Total height	3.6 m
Luminaire Alfa 2A	Page 188
Column Magna	Page 472

Specifications	
Luminaire height	3.9 m
Total height	4.0 m
Luminaire Alfa 8A	Page 189
Column Aruca	Page 444

Suggested luminaires

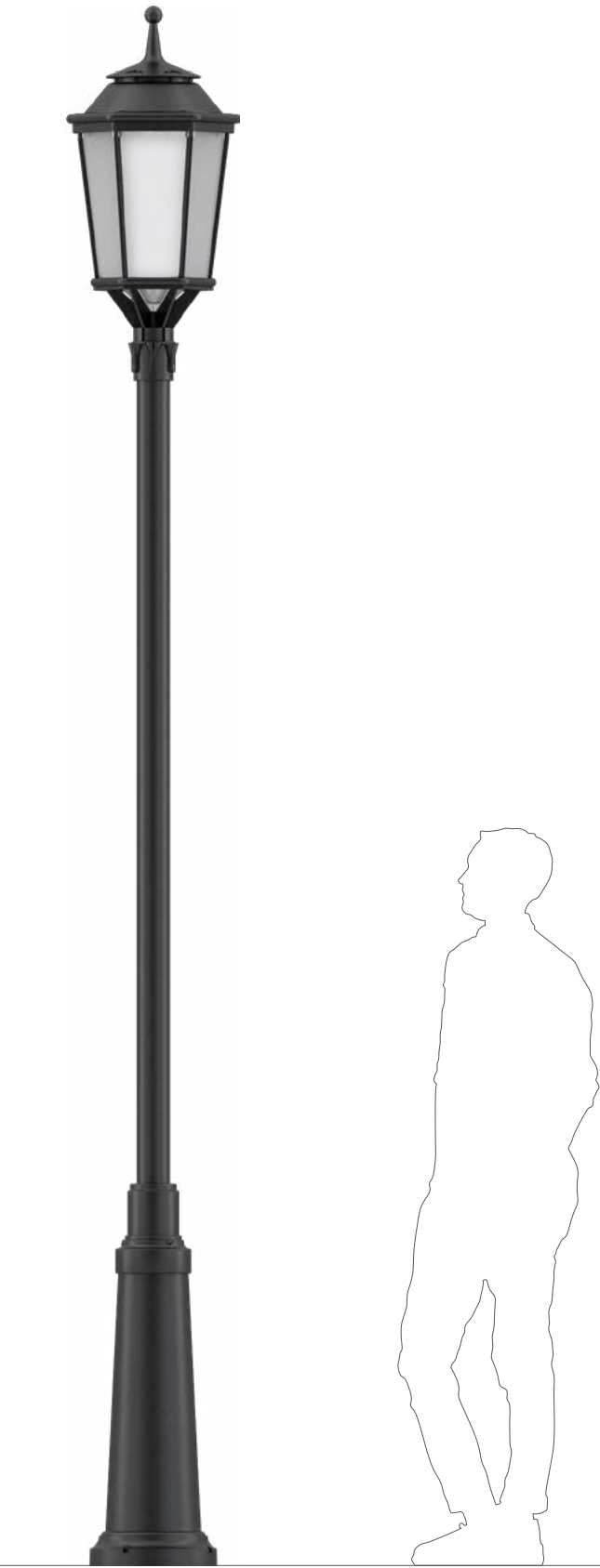


Alfa 5A Page 189



Alfa 1A Page 188





Specifications	
Luminaire height	3.5 m
Total height	3.8 m
Luminaire	
Litoral A	Page 233
Column	
Nova	Page 459

Suggested luminaires



Palacio A Page 233



Real A Page 234



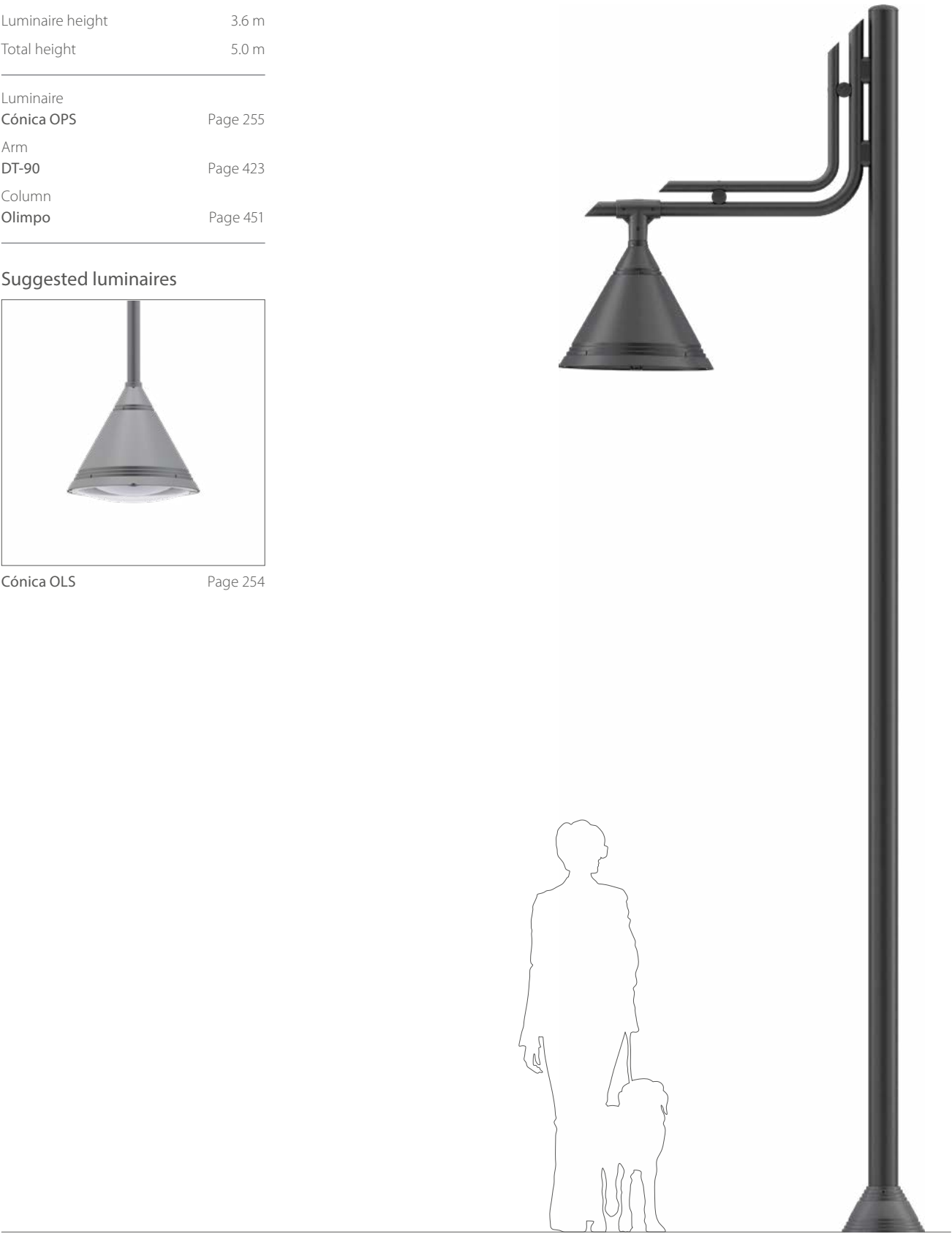
Cisne A Page 232

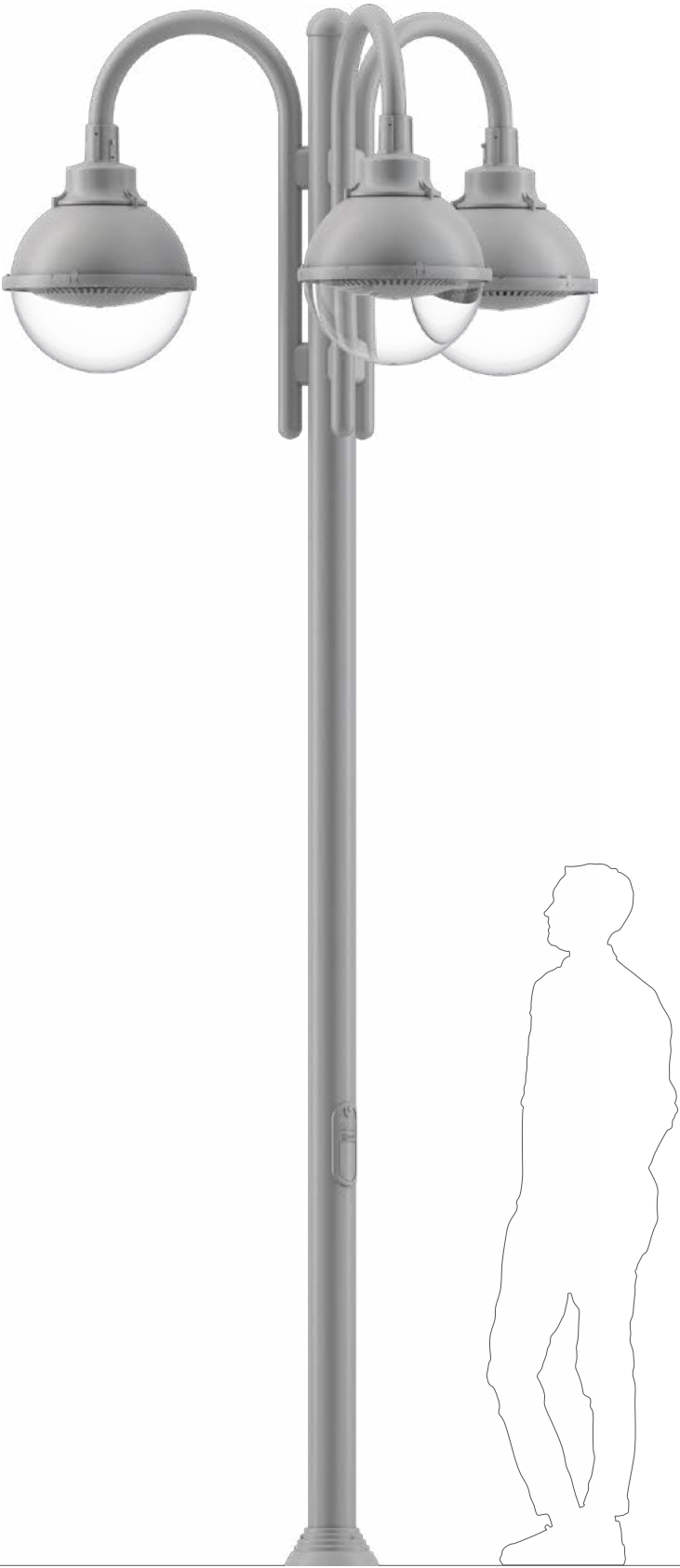
Specifications	
Luminaire height	3.6 m
Total height	5.0 m
Luminaire	
Cónica OPS	Page 255
Arm	
DT-90	Page 423
Column	
Olimpo	Page 451

Suggested luminaires



Cónica OLS Page 254





Specifications	
Luminaire height	3.4 m
Total height	4.0 m
Luminaire Globo S	Page 298
Arm CD-45	Page 389
Column Olimpo	Page 451

Suggested luminaires



Astral S Page 297



Alfa 1S Page 190

Specifications	
Luminaire height	3.6 m
Total height	3.9 m
Luminaire Villa XLA	Page 218
Column Urbe	Page 464

Suggested luminaires



Plaza XLA Page 203





Specifications

Luminaire height	4.7 m / 3.4 m
Total height	4.9 m

Luminaire	
Metrópoli LBP	Page 314
Column	
Matrix Duo 2	Page 474

Suggested luminaires



Evolución 2 LC Page 281

Specifications

Luminaire height	4.0 m
Total height	5.4 m

Luminaire	
Paseo S	Page 299
Arm	
BG-60	Page 420
Column	
Nova	Page 459

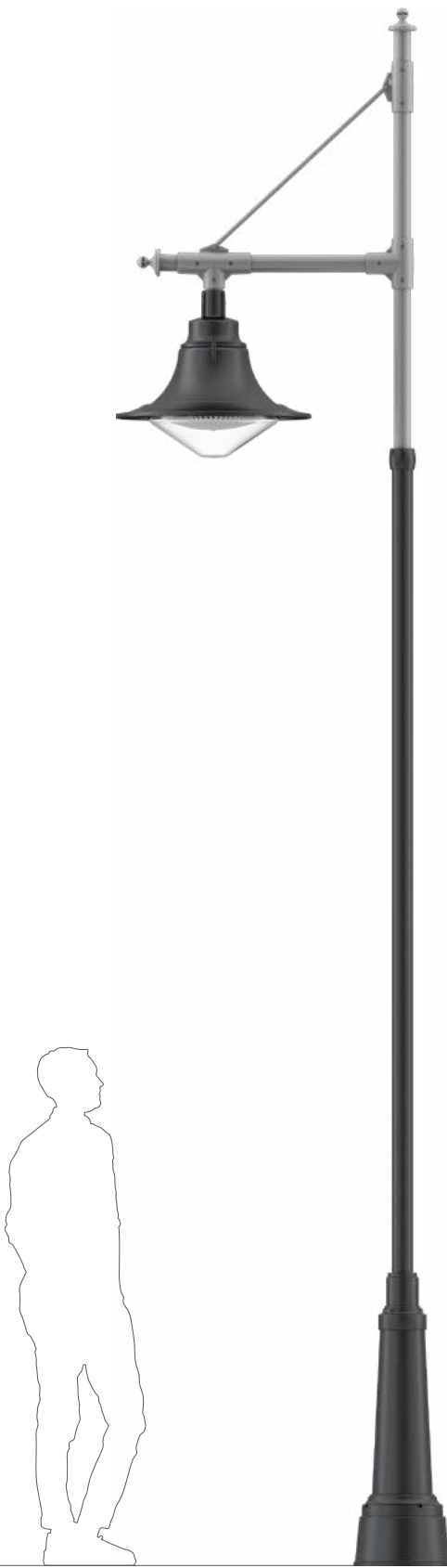
Suggested luminaires

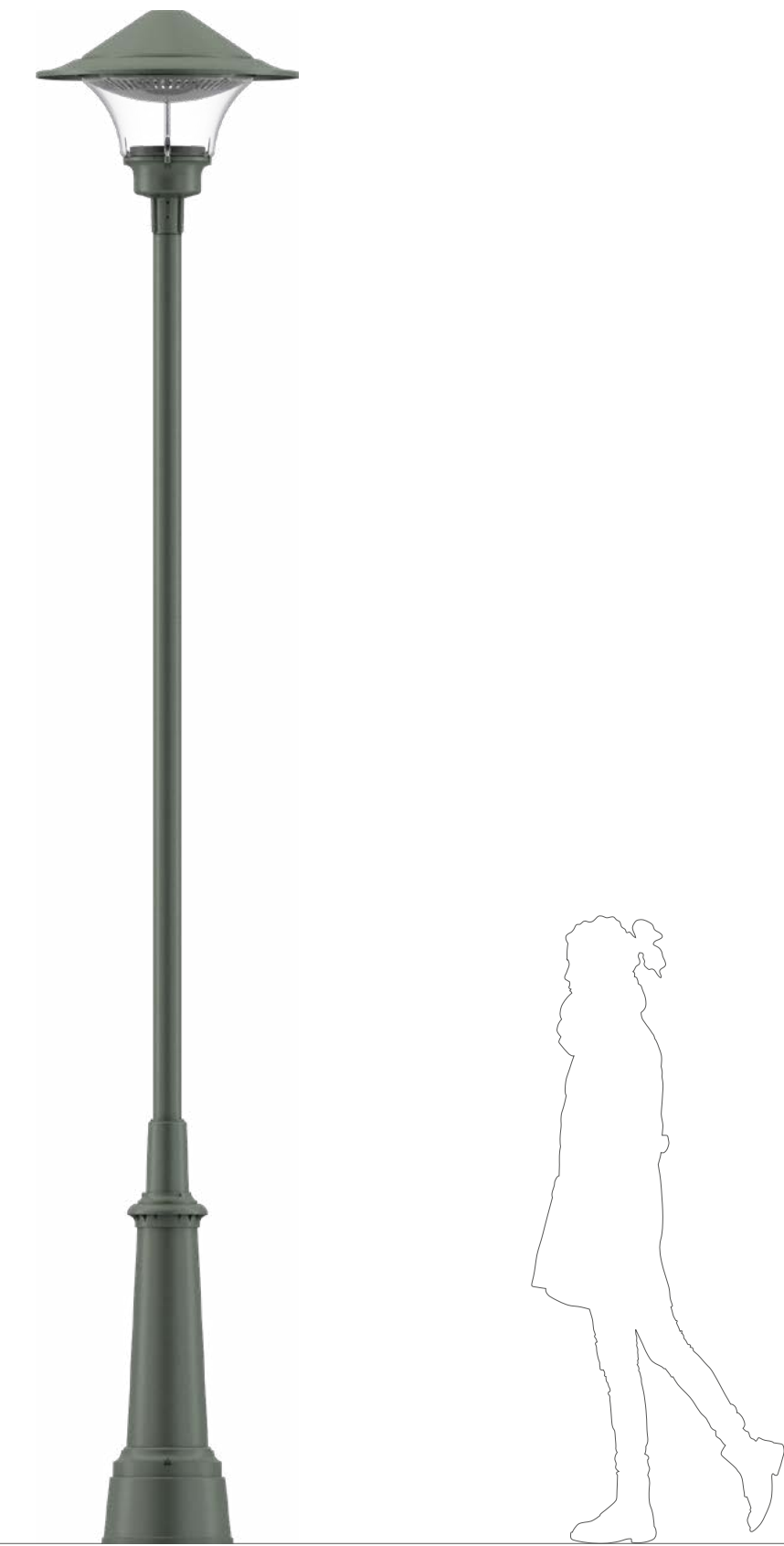


Alameda S Page 296



Pescador S Page 300





Specifications

Luminaire height	3.8 m
Total height	4.1 m

Luminaire	
Paseo A	Page 295
Column	
Urbe	Page 464

Suggested luminaires



Urania A Page 244



Alameda A Page 292



Europa A Page 293

Specifications

Luminaire height	3.9 m
Total height	4.5 m

Luminaire	
Pescador S	Page 300
Arm	
FK-75	Page 397
Column	
Aruca	Page 444

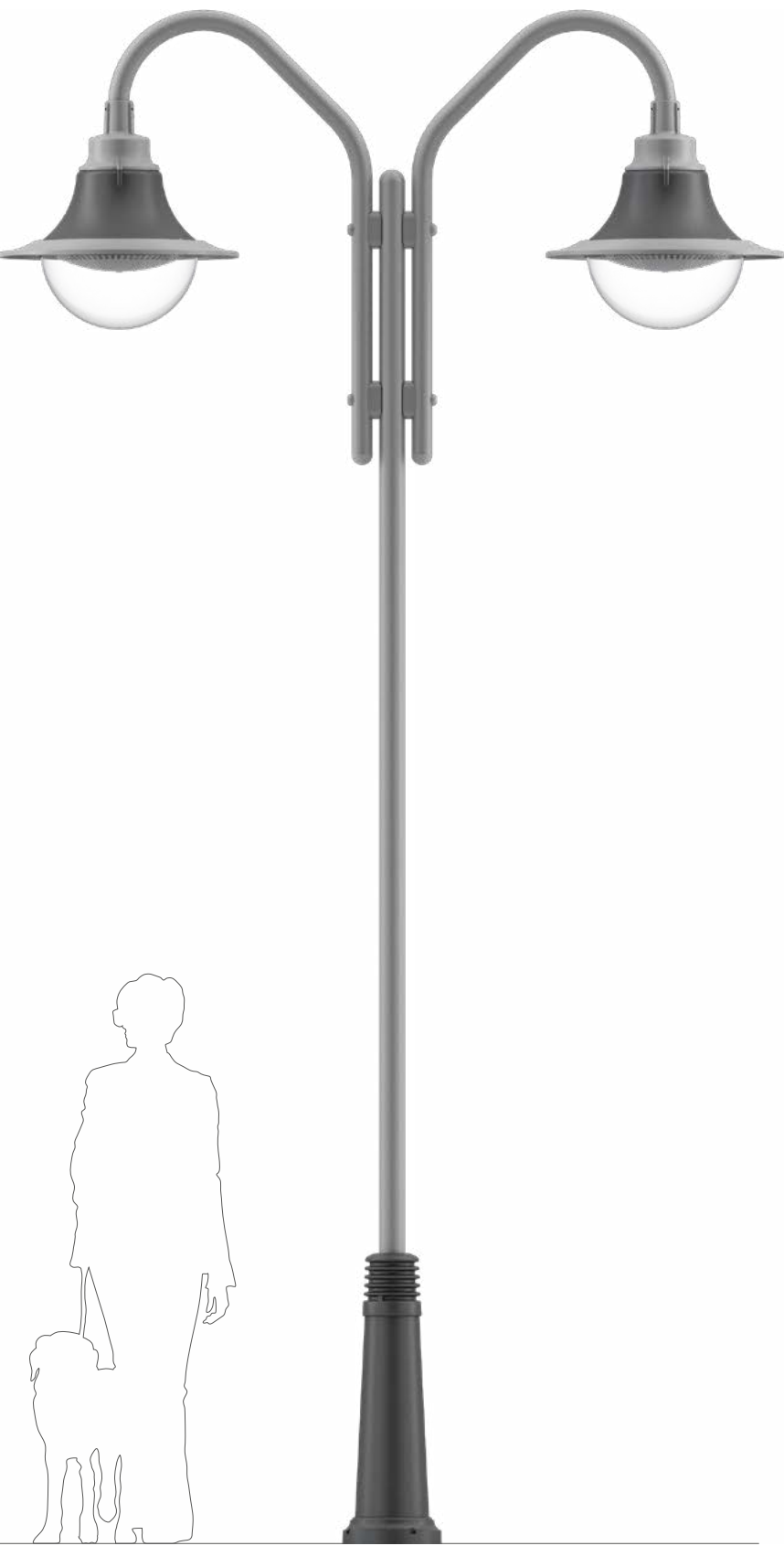
Suggested luminaires

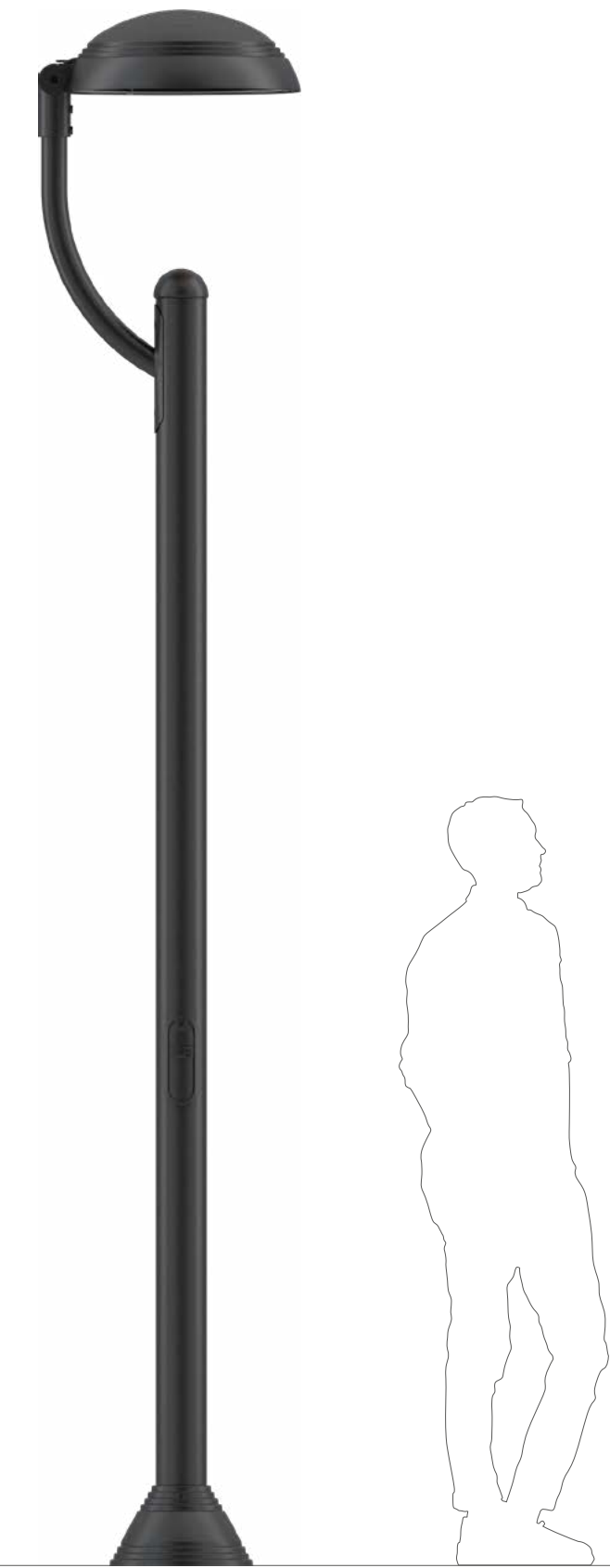


Alameda S Page 296



Astral S Page 297





Specifications

Luminaire height	3.5 m
Total height	3.6 m

Luminaire	
Evolución P	Page 280
Arm	
BC-35	Page 388
Column	
Olimpo	Page 451

Suggested luminaires



Metròpoli LBP Page 314



Croma P Page 264

Specifications

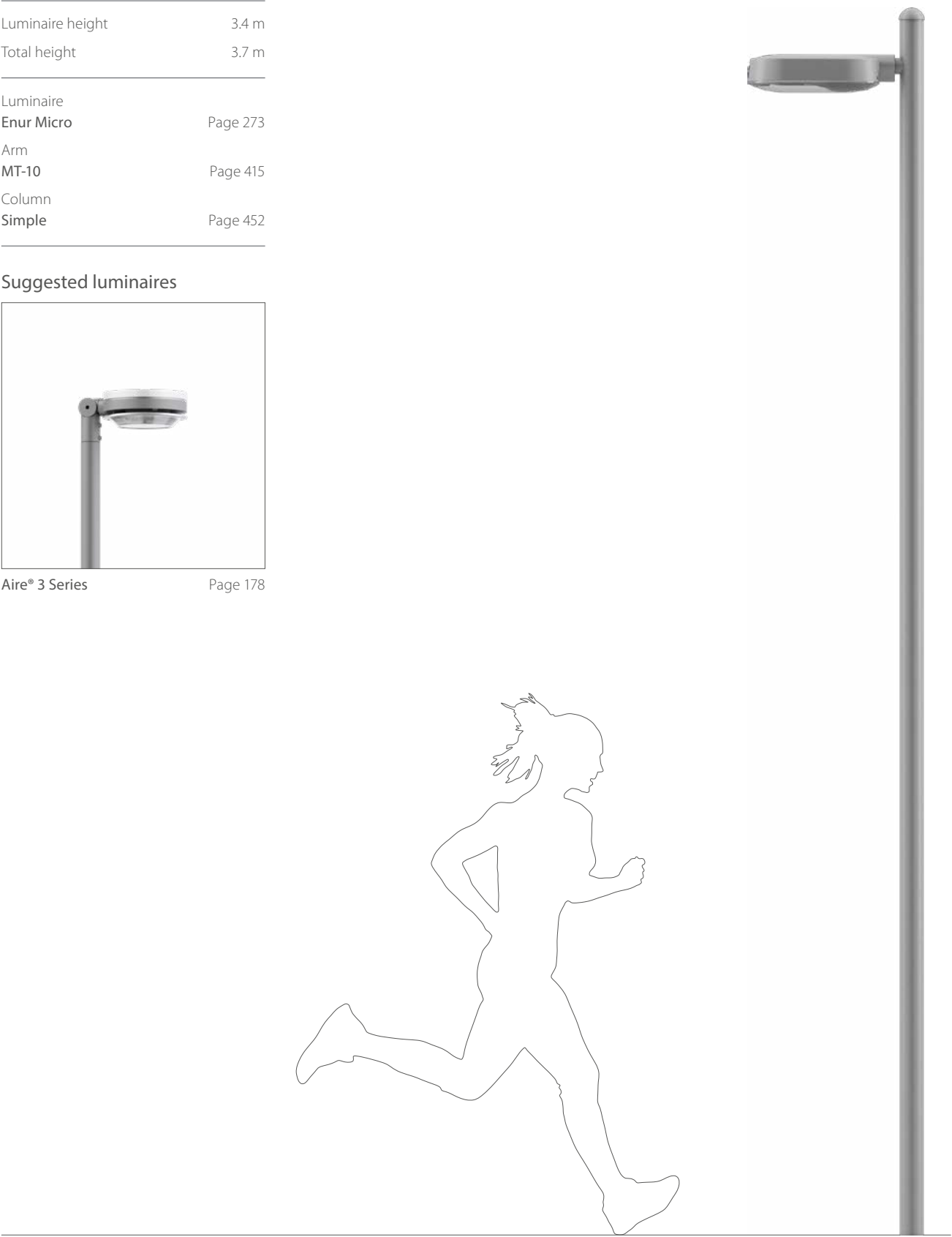
Luminaire height	3.4 m
Total height	3.7 m

Luminaire	
Enur Micro	Page 273
Arm	
MT-10	Page 415
Column	
Simple	Page 452

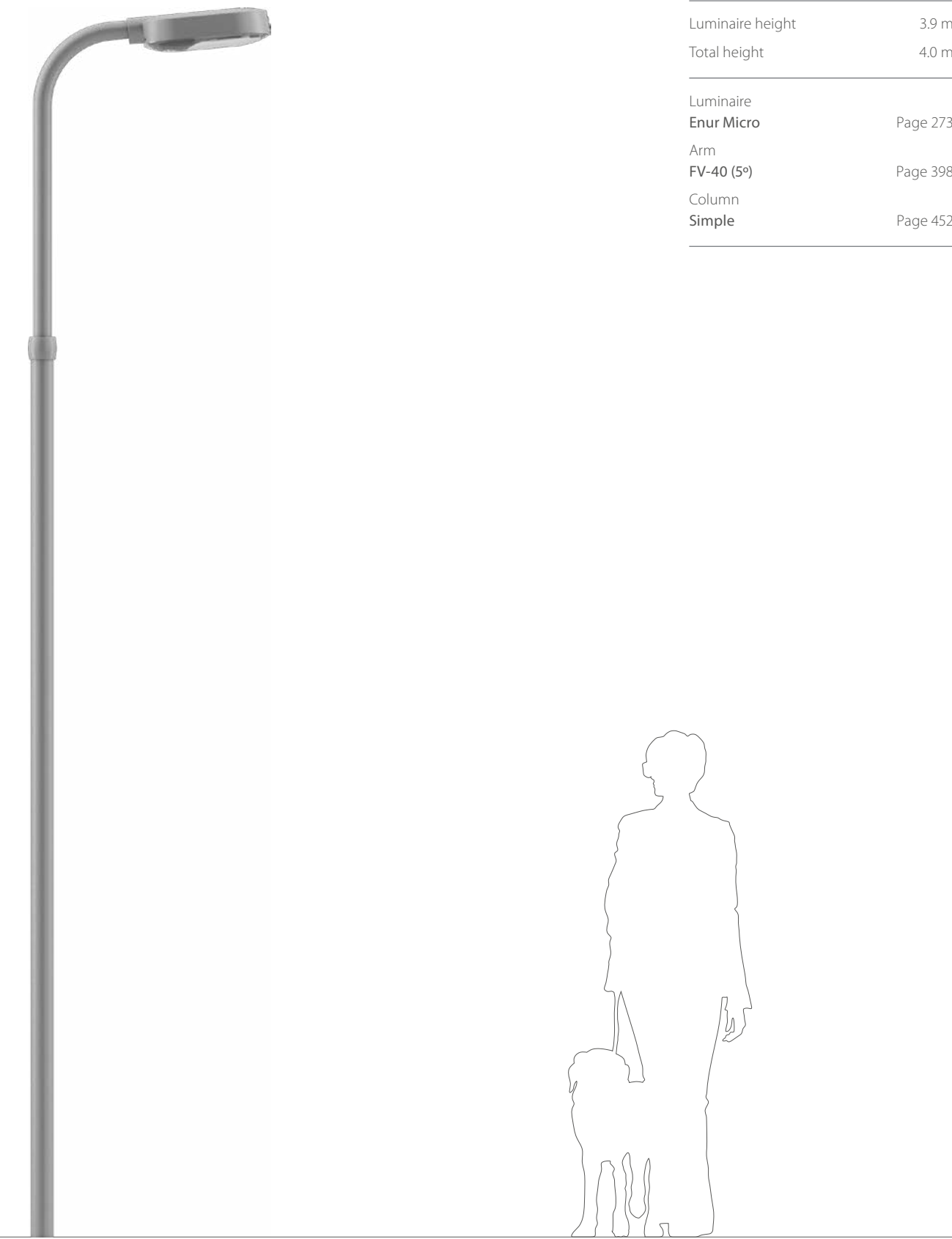
Suggested luminaires



Aire° 3 Series Page 178

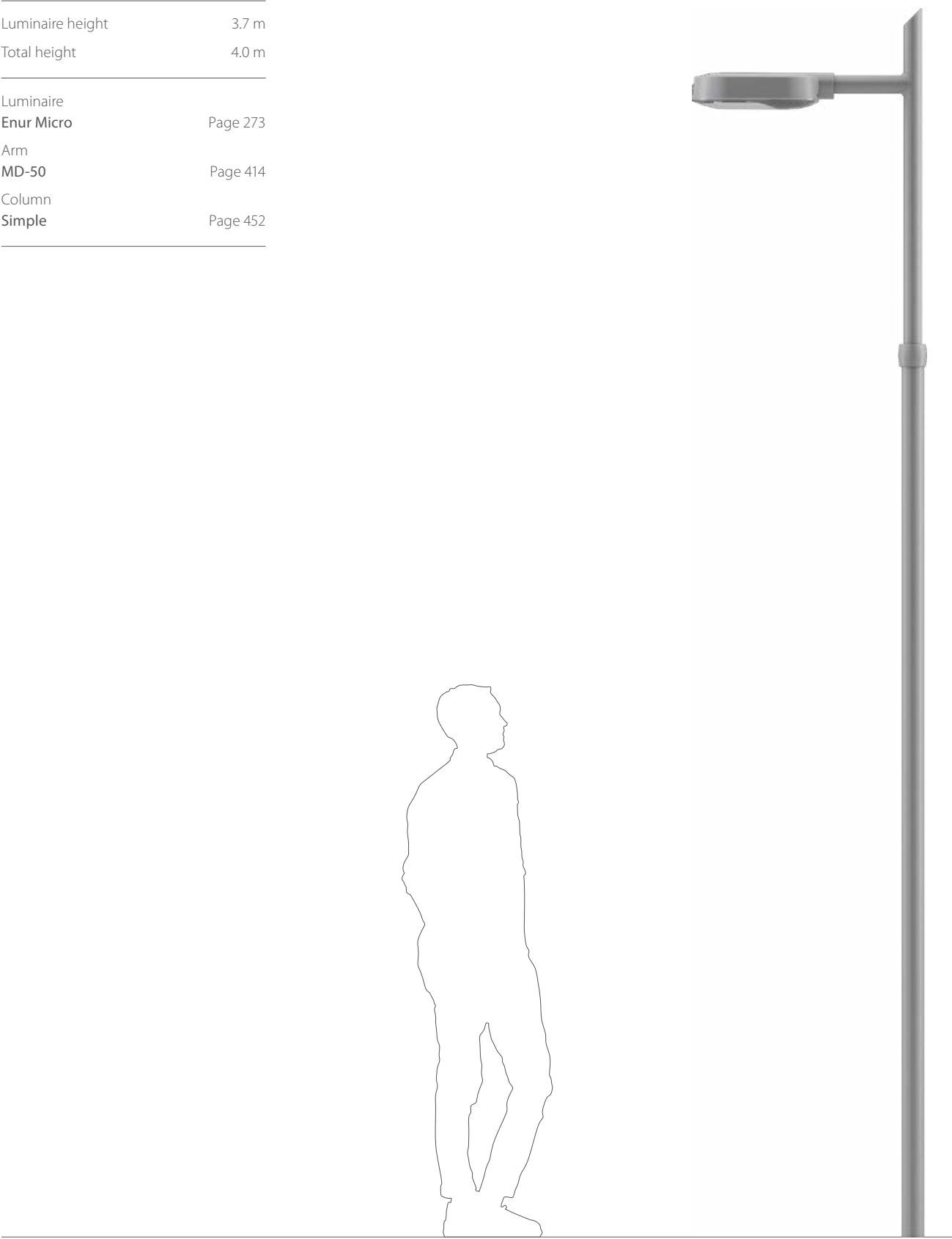


* Column without access panel



Specifications	
Luminaire height	3.9 m
Total height	4.0 m
Luminaire	
Enur Micro	Page 273
Arm	
FV-40 (5°)	Page 398
Column	
Simple	Page 452

* Column without access panel

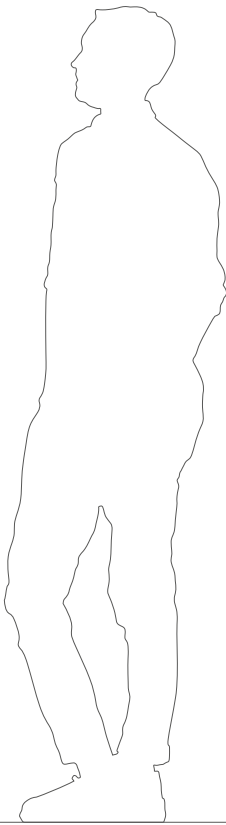


Specifications	
Luminaire height	3.7 m
Total height	4.0 m
Luminaire	
Enur Micro	Page 273
Arm	
MD-50	Page 414
Column	
Simple	Page 452

* Column without access panel



Specifications	
Luminaire height	3.5 m
Total height	3.7 m
Luminaire	
Libra A	Page 294
Column	
Primera F 3 m	
Column model exclusive to this assembly. Not sold separately.	



* Column without access panel.

Specifications	
Luminaire height	3.9 m
Total height	4.2 m
Luminaire	
Litoral A	Page 233
Column	
Primera C 3 m	
Column model exclusive to this assembly. Not sold separately.	



* Column without access panel.



Specifications	
Luminaire height	4.1 m
Total height	4.2 m
Luminaire	
Cónica TLA	Page 252
Column	
Coliseo	Page 447

Suggested luminaires



Venus TLA Page 360

Specifications	
Luminaire height	4.0 m
Total height	4.6 m
Luminaire	
Globo BLCI	Page 304
Arm	
CDI-40	Page 391
Column	
Coliseo	Page 447

Suggested luminaires

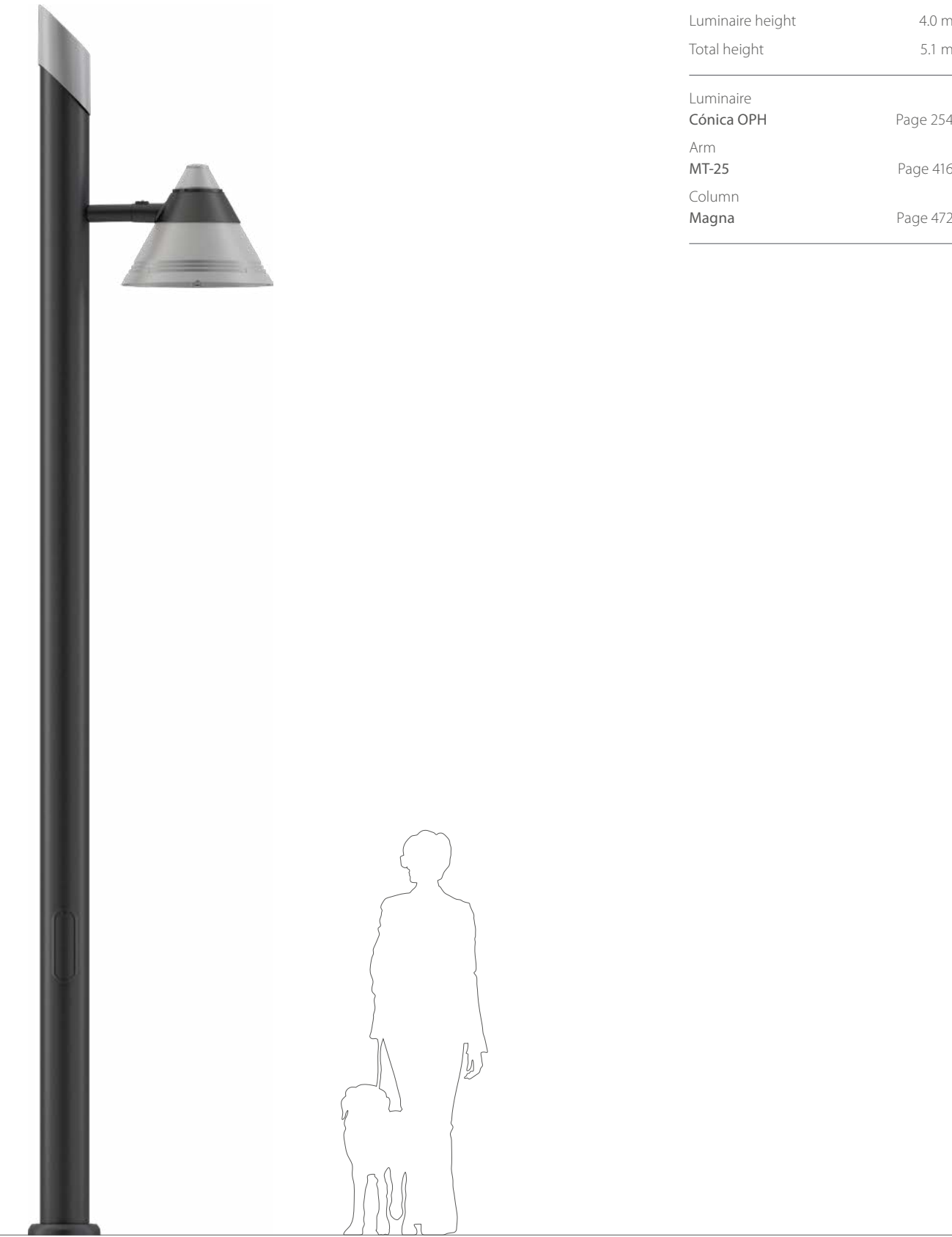


Astral LI Page 302



Globo I Page 303





Specifications	
Luminaire height	4.0 m
Total height	5.1 m
Luminaire Cónica OPH	Page 254
Arm MT-25	Page 416
Column Magna	Page 472

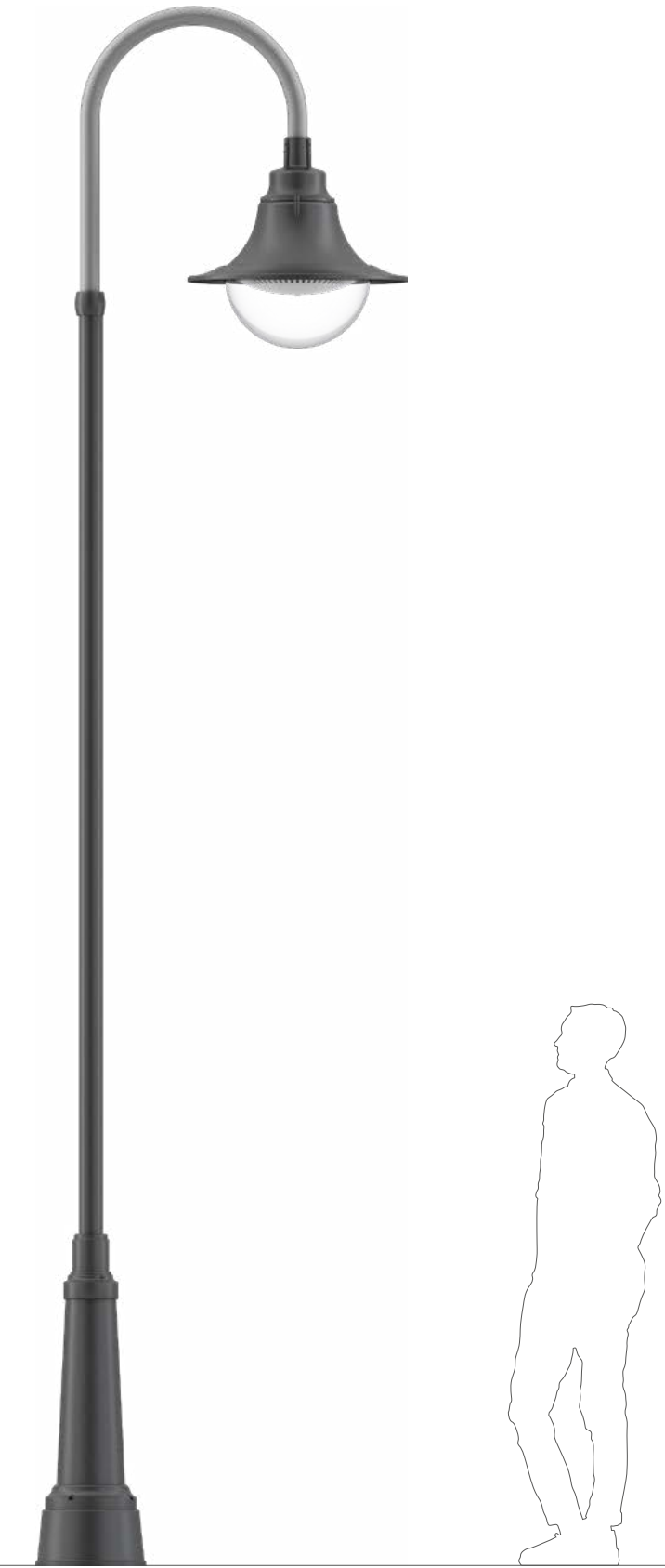
Specifications	
Luminaire height	4.1 m
Total height	4.9 m
Luminaire Globo A	Page 294
Arm CD-60	Page 390
Column Avenida	Page 456

Suggested luminaires



Pescador A Page 295





Specifications

Luminaire height	4.2 m
Total height	5.0 m

Luminaire	
Pescador S	Page 300
Arm	
CD-60	Page 390
Column	
Nova	Page 459

Suggested luminaires



Pescador LS Page 300



Alameda S Page 296



Paseo S Page 299

Specifications

Luminaire height	4.2 m
Total height	4.5 m

Luminaire	
Siglo XLA	Page 205
Column	
Avenida	Page 456

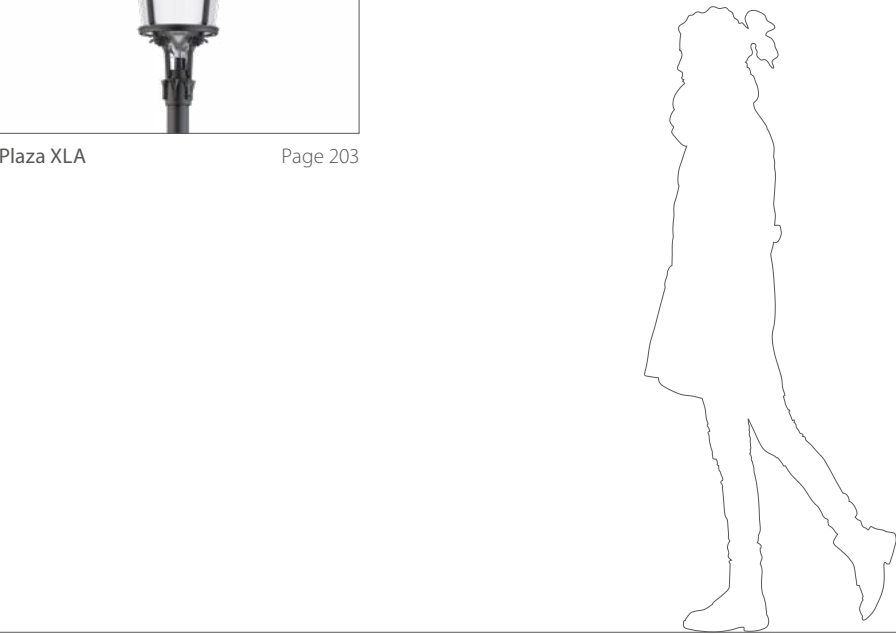
Suggested luminaires

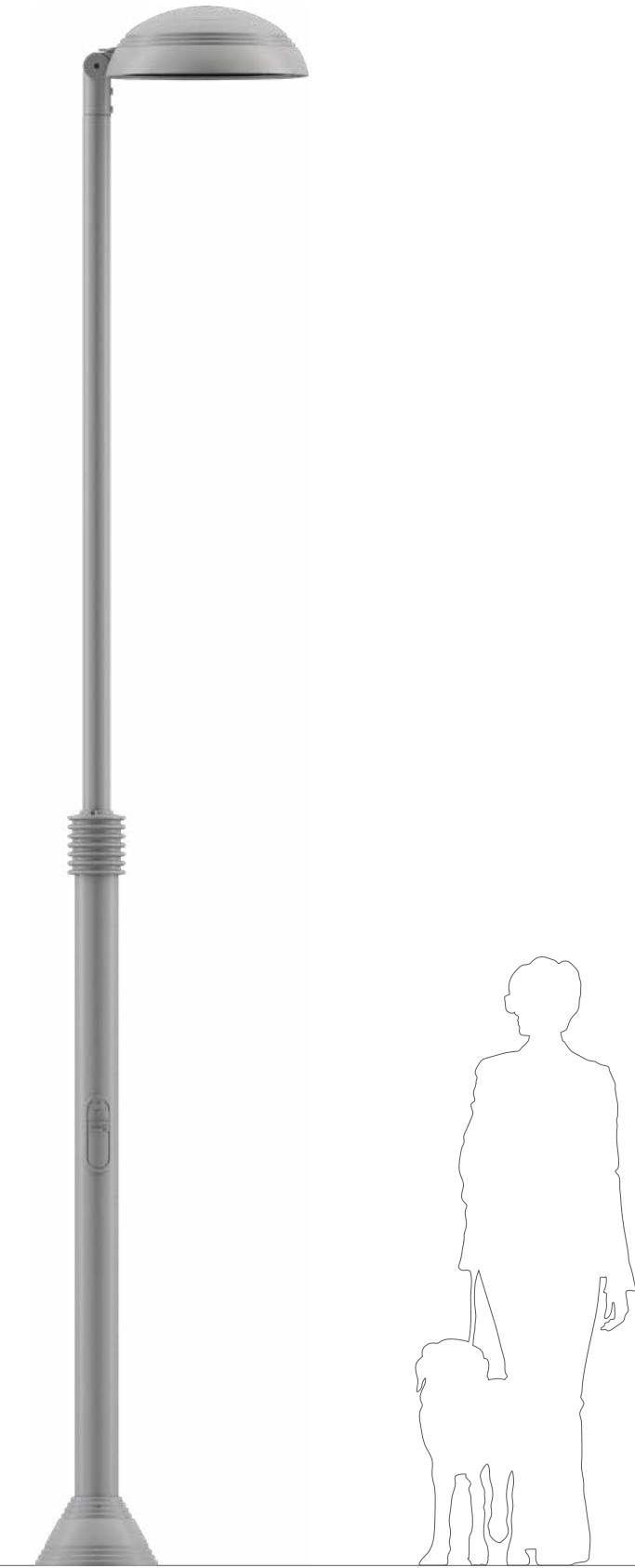


Malaki XLA Page 202



Plaza XLA Page 203





Specifications	
Luminaire height	4.2 m
Total height	4.3 m
Luminaire Evolución P	Page 280
Column Coliseo	Page 447

Suggested luminaires

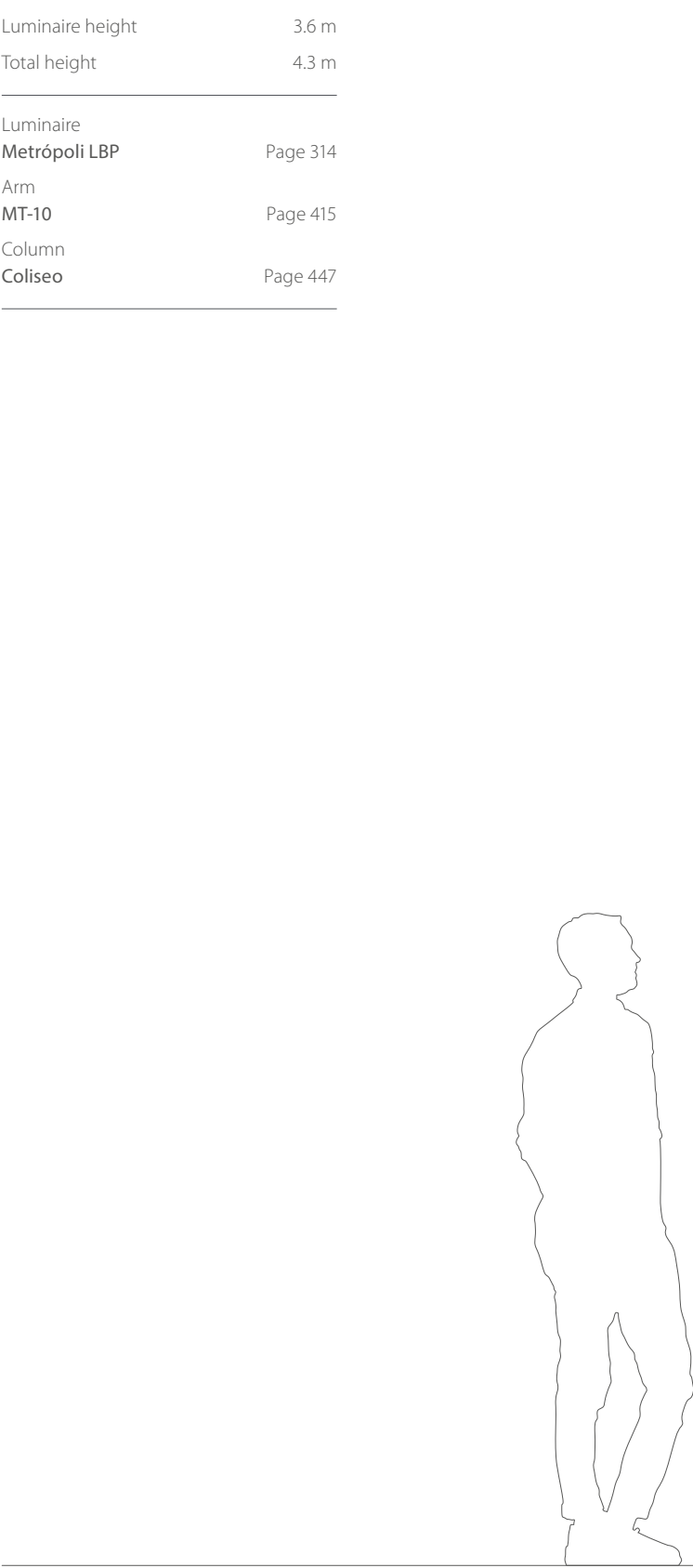


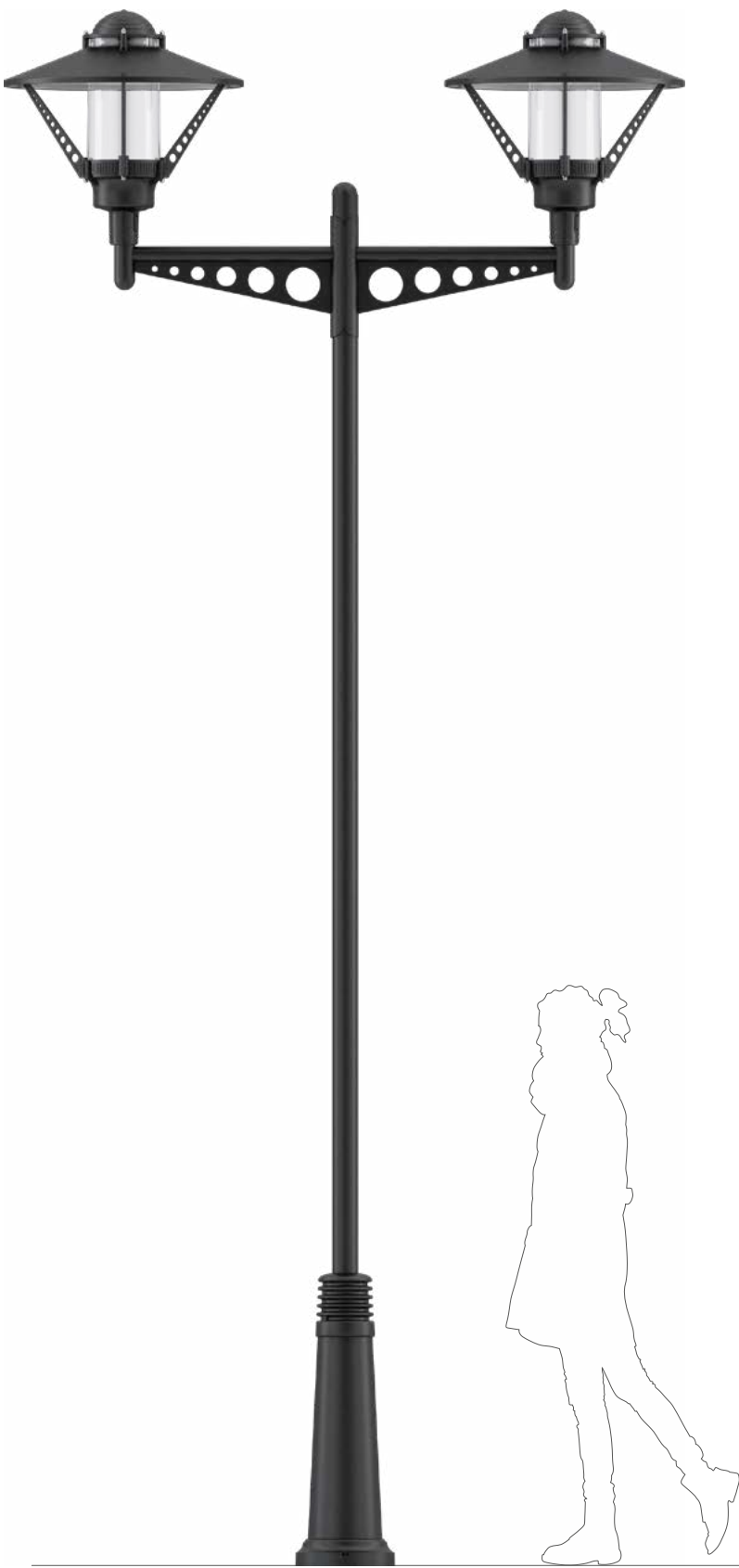
Croma P Page 264



Metrópolis LBP Page 314

Specifications	
Luminaire height	3.6 m
Total height	4.3 m
Luminaire Metrópolis LBP	Page 314
Arm MT-10	Page 415
Column Coliseo	Page 447





Specifications	
Luminaire height	4.2 m
Total height	4.3 m
Luminaire Alfa 8A	Page 189
Arm FA-60	Page 411
Column Coliseo	Page 447

Suggested luminaires



Alfa 1A Page 188



Alfa 5A Page 189

Specifications	
Luminaire height	4.0 m
Total height	4.2 m
Luminaire Evolución P	Page 280
Column Atlas	Page 446

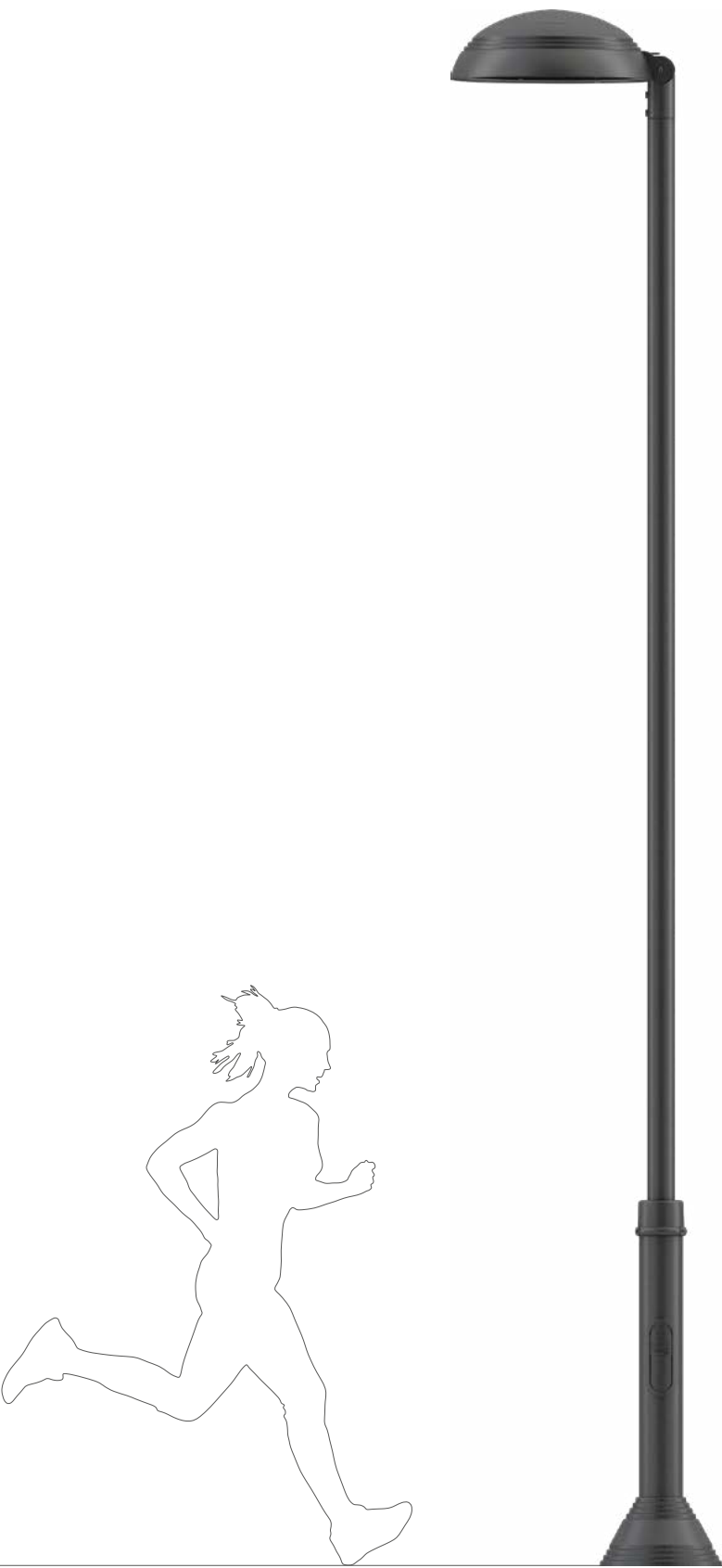
Suggested luminaires



Croma P Page 264



Evolución LC Page 280







Specifications	
Luminaire height	4.4 m
Total height	4.5 m
Luminaire	
Cónica TLA	Page 252
Column	
Atlas	Page 446

Suggested luminaires



Venus 2TLA Page 360

Specifications	
Luminaire height	4.5 m
Total height	4.7 m
Luminaire	
Venus 2TLA	Page 360
Column	
Coliseo	Page 447

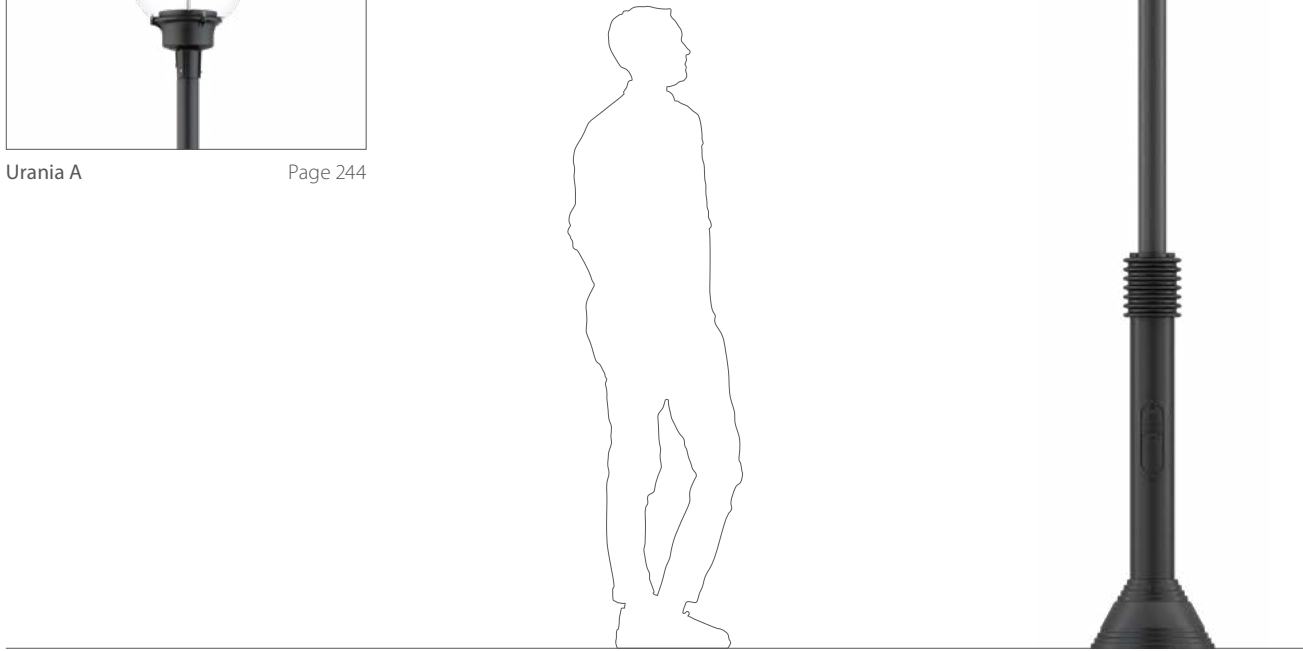
Suggested luminaires

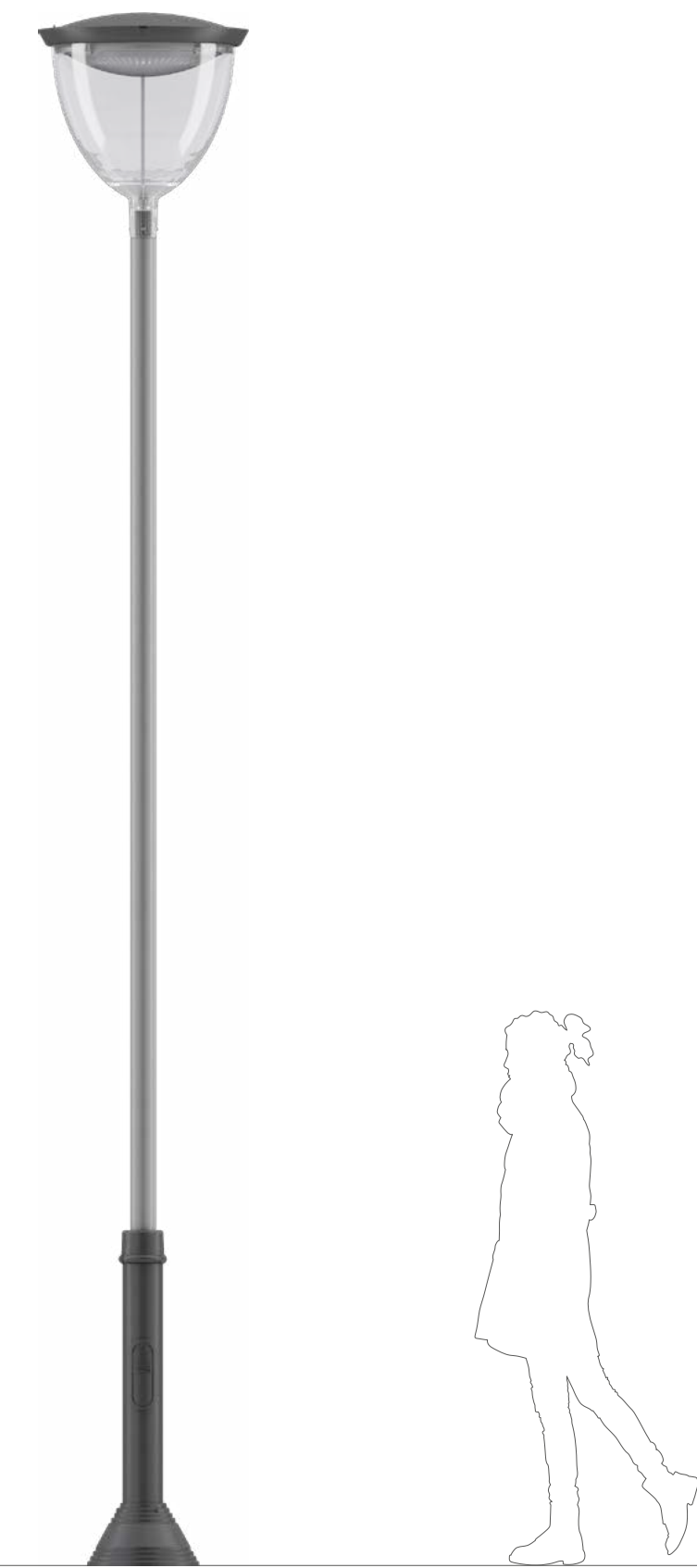


Cónica TLA Page 252



Urania A Page 244





Specifications	
Luminaire height	4.6 m
Total height	4.7 m
Luminaire Venus TLA	Page 360
Column Atlas	Page 446

Suggested luminaires

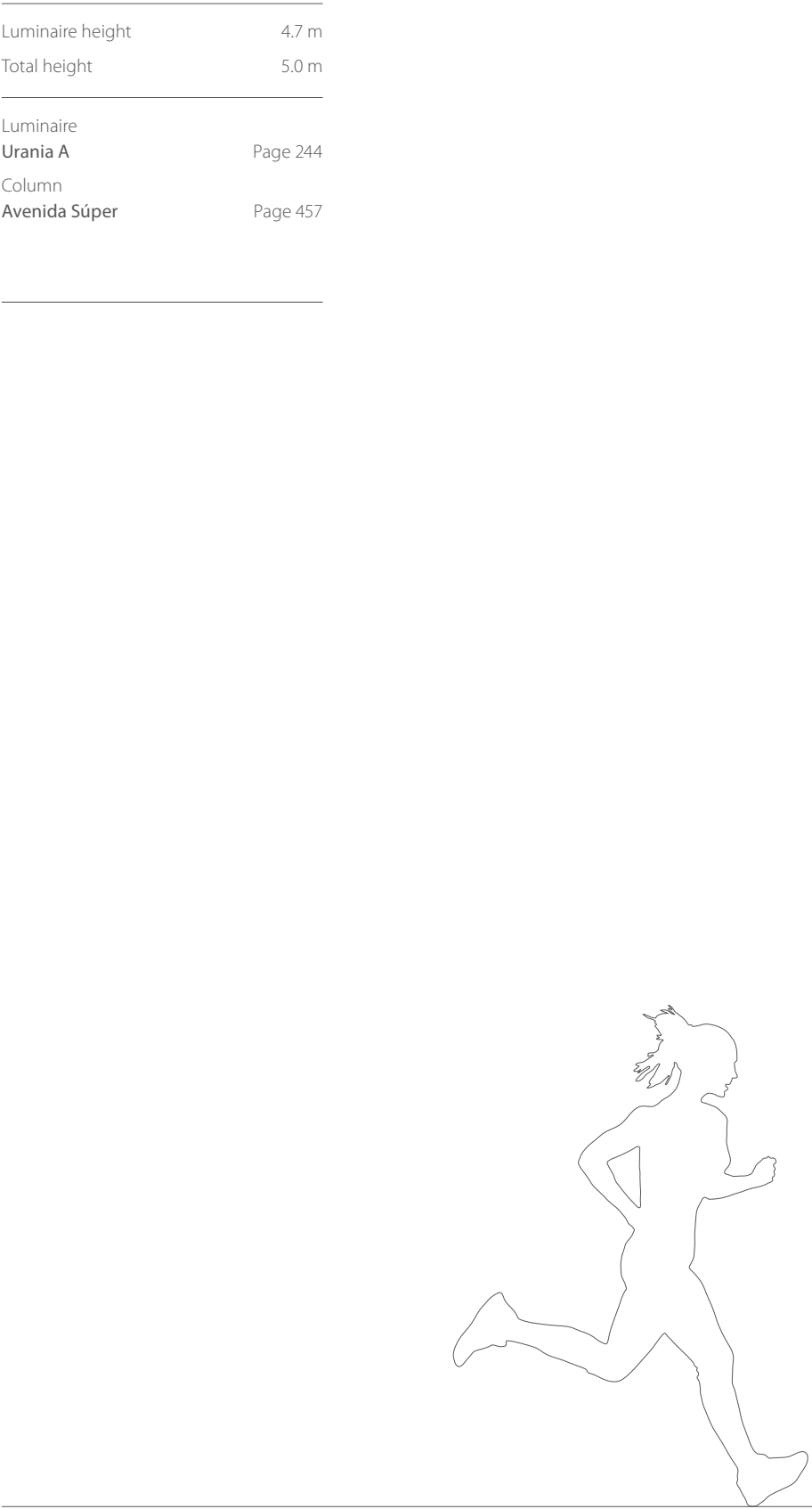


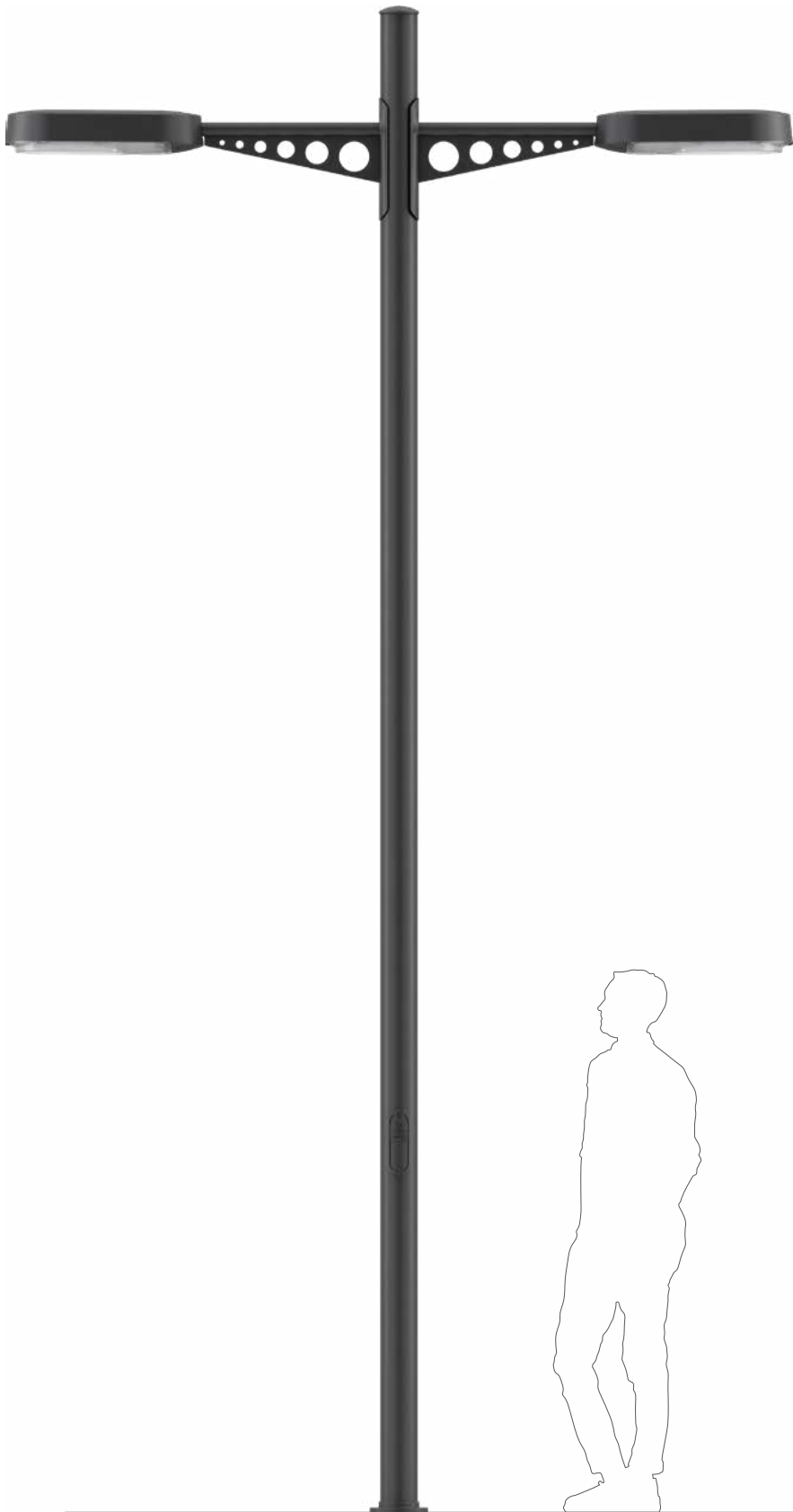
Venus 2TLA Page 360



Cónica TLA Page 252

Specifications	
Luminaire height	4.7 m
Total height	5.0 m
Luminaire Urania A	Page 244
Column Avenida Súper	Page 457





Specifications

Luminaire height	4.7 m
Total height	5.0 m

Luminaire	
Enur P	Page 272
Arm	
FA-60	Page 411
Column	
Olimpo	Page 451

Suggested luminaires



Croma P Page 264



Cónica OLH Page 253



Orión Page 338

Specifications

Luminaire height	4.7 m
Total height	5.0 m

Luminaire	
Plaza XLA	Page 203
Column	
Nova E	Page 460

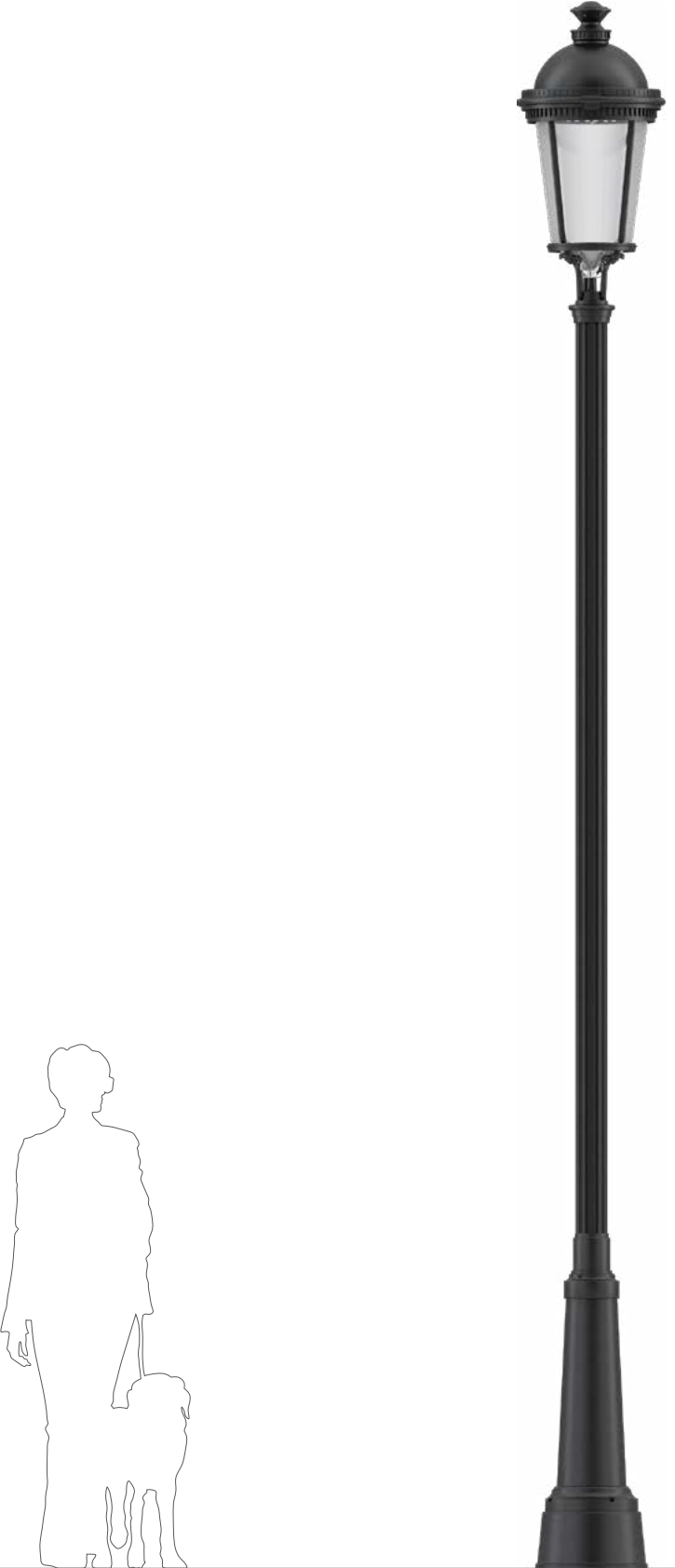
Suggested luminaires



Malaki XLA Page 202



Siglo XLA Page 205





Specifications	
Luminaire height	4.7 m
Total height	6.8 m
Luminaire Pescador S	Page 300
Arm BG-125	Page 421
Column Avenida	Page 456

Suggested luminaires



Alameda S Page 296



Paseo S Page 299



Pescador S Page 300

Specifications	
Luminaire height	4.8 m
Total height	5.0 m
Luminaire Metrópolis LBP	Page 314
Arm MT-10	Page 415
Column Olimpo	Page 451

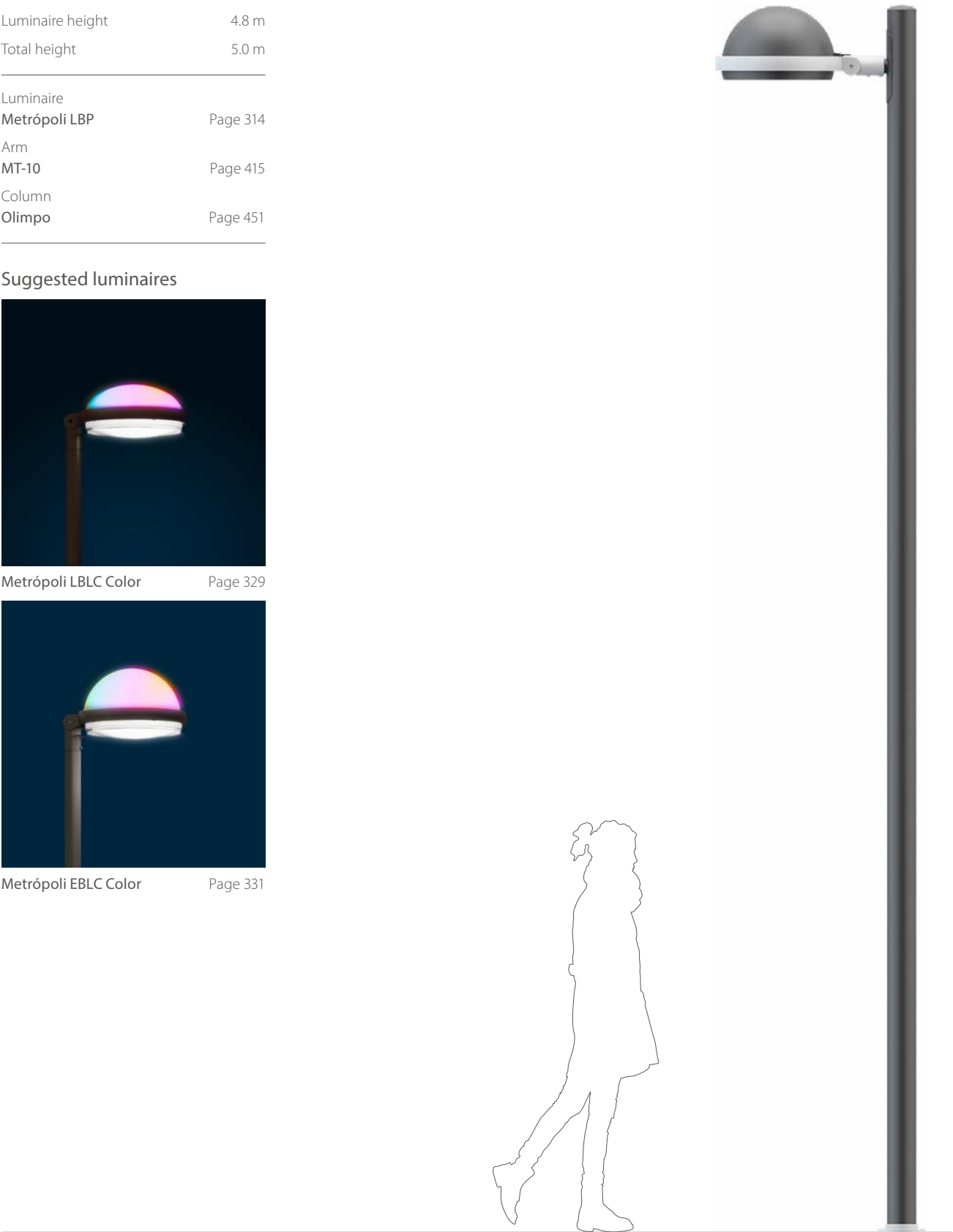
Suggested luminaires



Metrópolis LBL Color Page 329



Metrópolis EBL Color Page 331





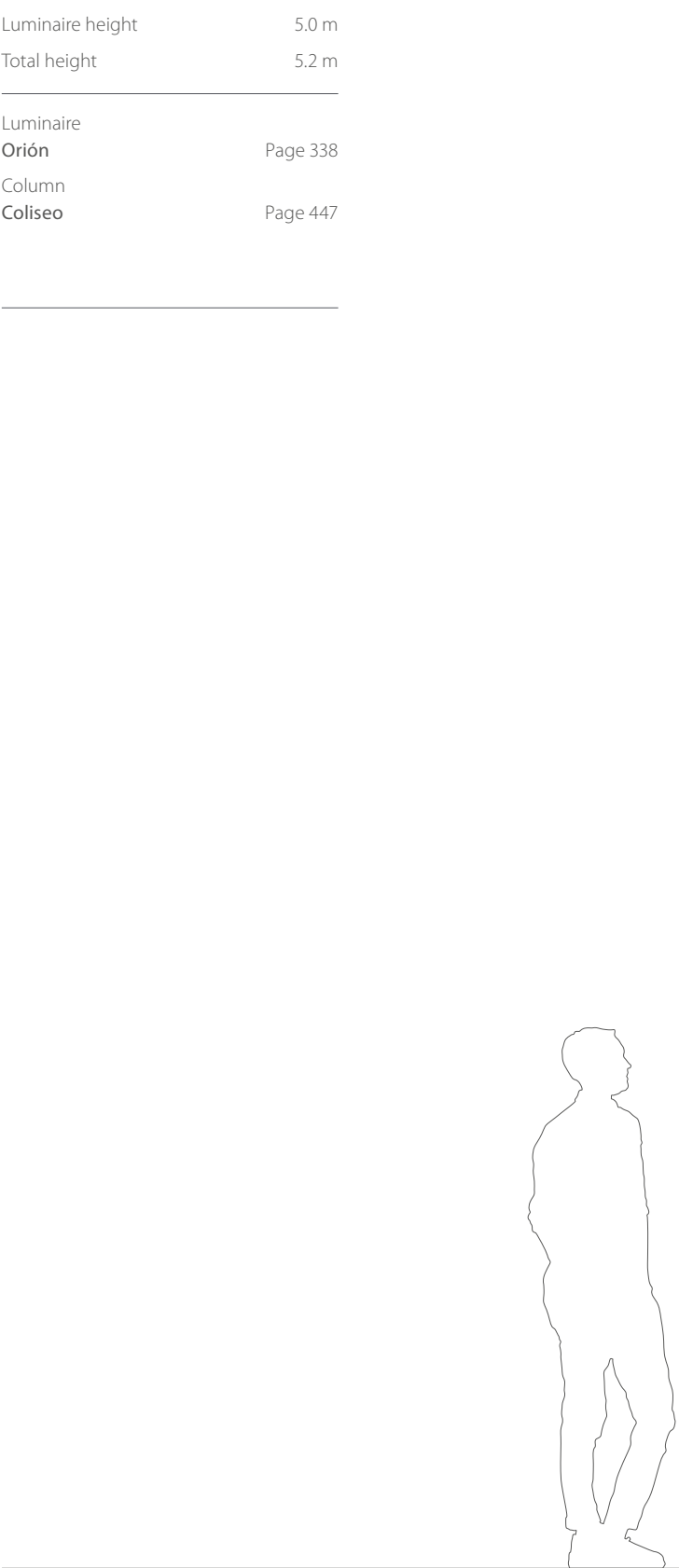
Specifications	
Luminaire height	4.9 m / 5.4 m
Total height	5.8 m
Luminaire Malaki XLA	Page 202
Arm BS-70	Page 384
Column Avenida	Page 456

Suggested luminaires



Siglo XLA Page 205

Specifications	
Luminaire height	5.0 m
Total height	5.2 m
Luminaire Orión	Page 338
Column Coliseo	Page 447





Specifications	
Luminaire height	5.0 m
Total height	5.2 m
Luminaire Croma P	Page 264
Column Matrix I	Page 450

Suggested luminaires



Evolución P Page 280



Evolución LC Page 280



Metrópoli LP Color Page 328

Specifications	
Luminaire height	4.4 m
Total height	4.9 m
Luminaire Globo I	Page 303
Arm BCI-40	Page 389
Column Olimpo	Page 451

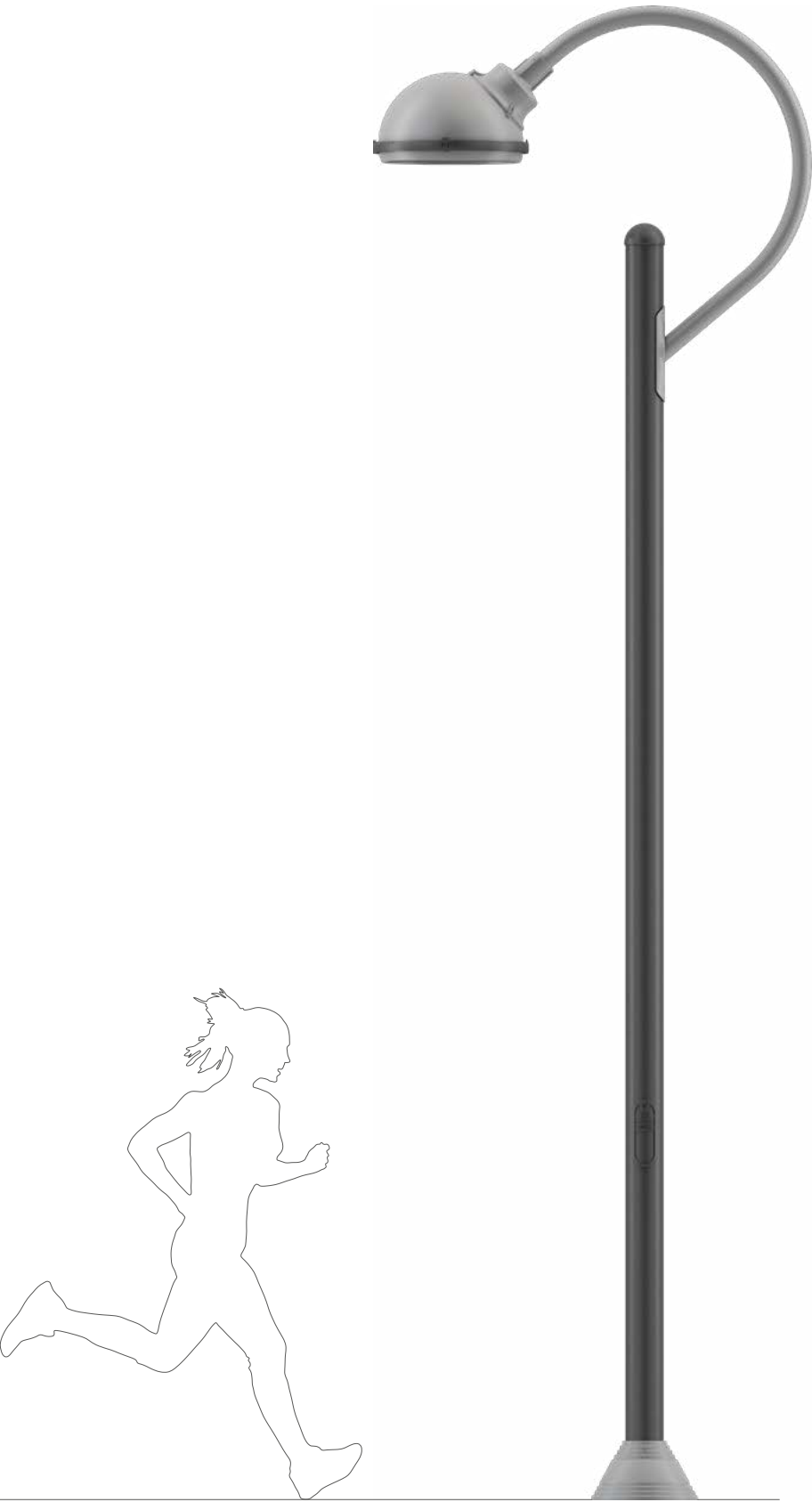
Suggested luminaires

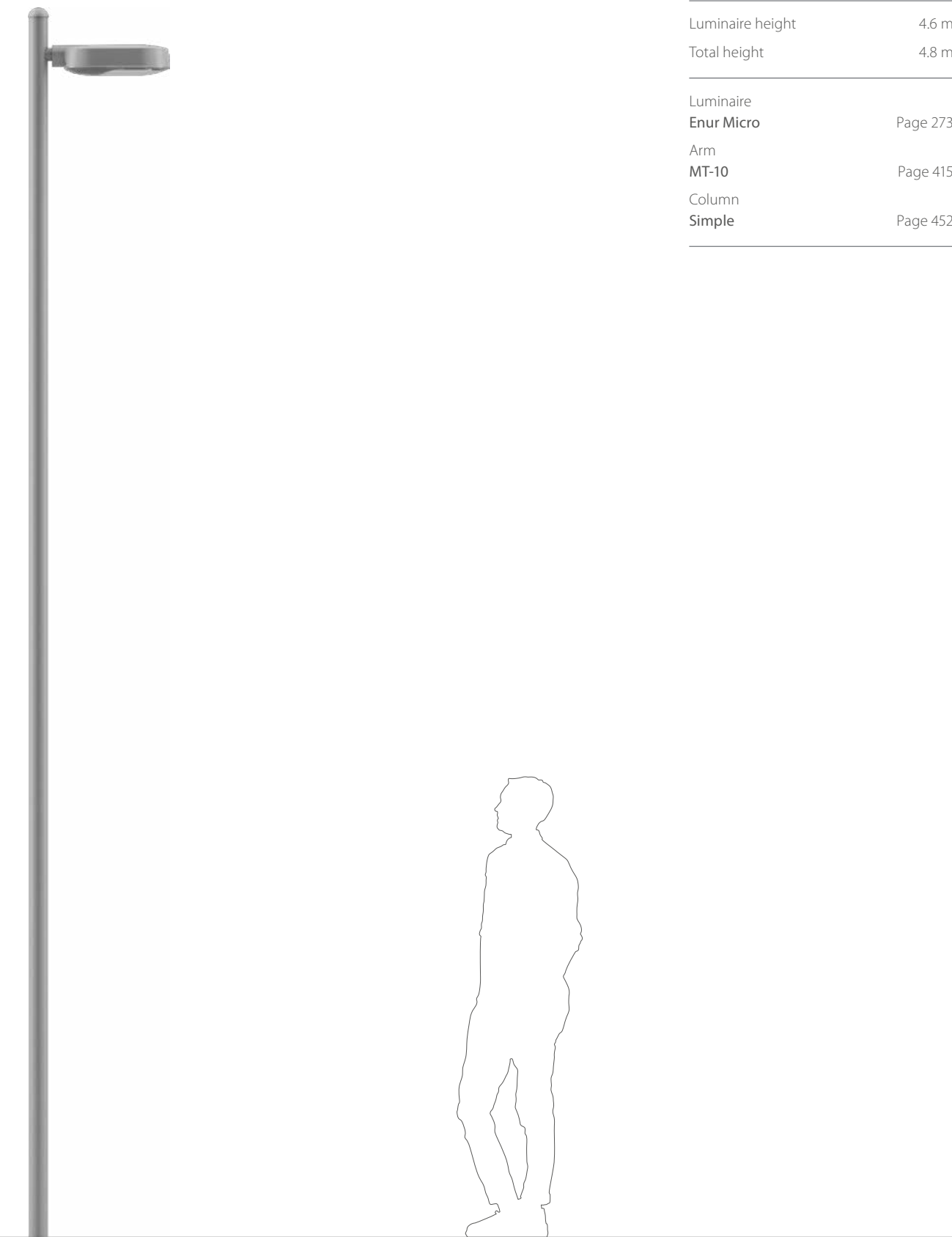


Alameda I Page 301



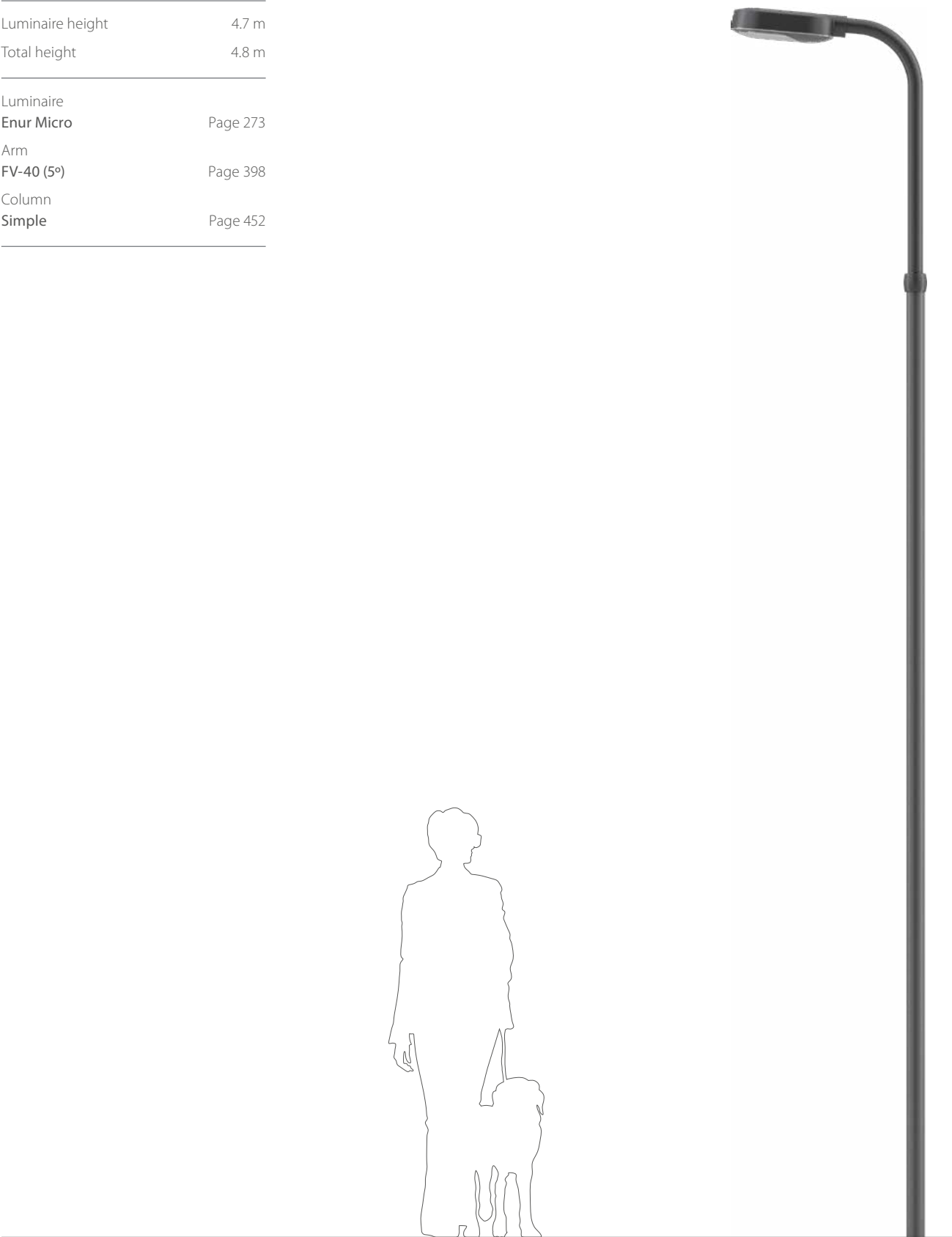
Astral BLCI Page 302





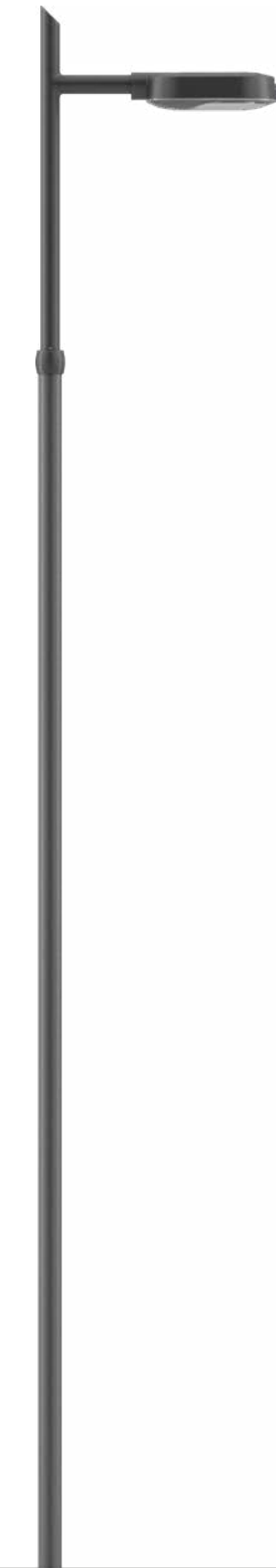
Specifications	
Luminaire height	4.6 m
Total height	4.8 m
Luminaire Enur Micro	Page 273
Arm MT-10	Page 415
Column Simple	Page 452

* Column without access panel



Specifications	
Luminaire height	4.7 m
Total height	4.8 m
Luminaire Enur Micro	Page 273
Arm FV-40 (5°)	Page 398
Column Simple	Page 452

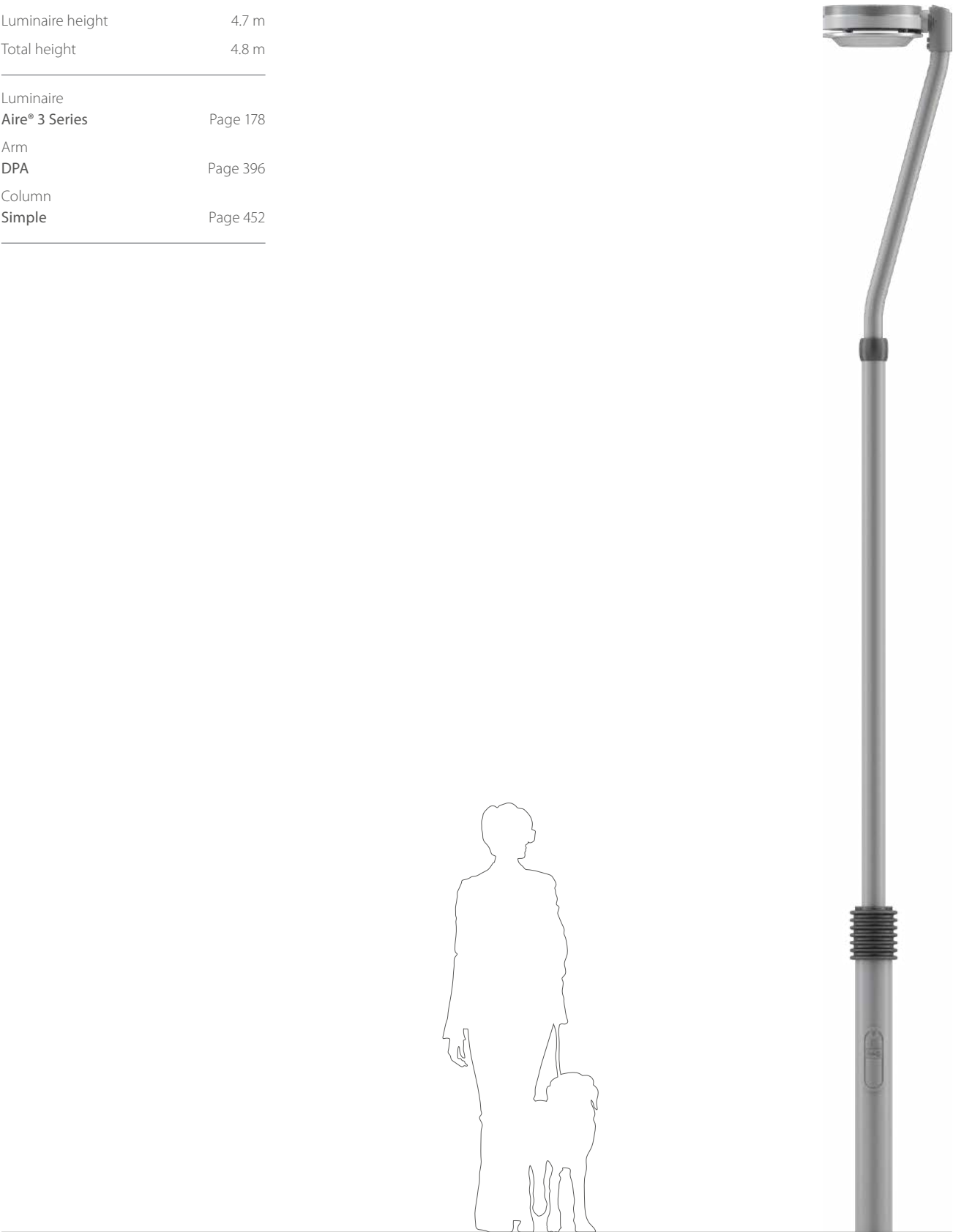
* Column without access panel

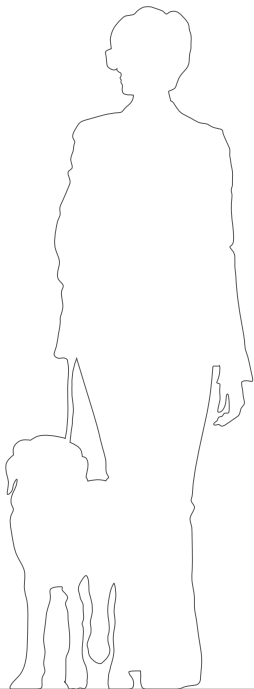


Specifications	
Luminaire height	4.5 m
Total height	4.8 m
Luminaire Enur Micro	Page 273
Arm AV-60	Page 404
Column Simple	Page 452

* Column without access panel

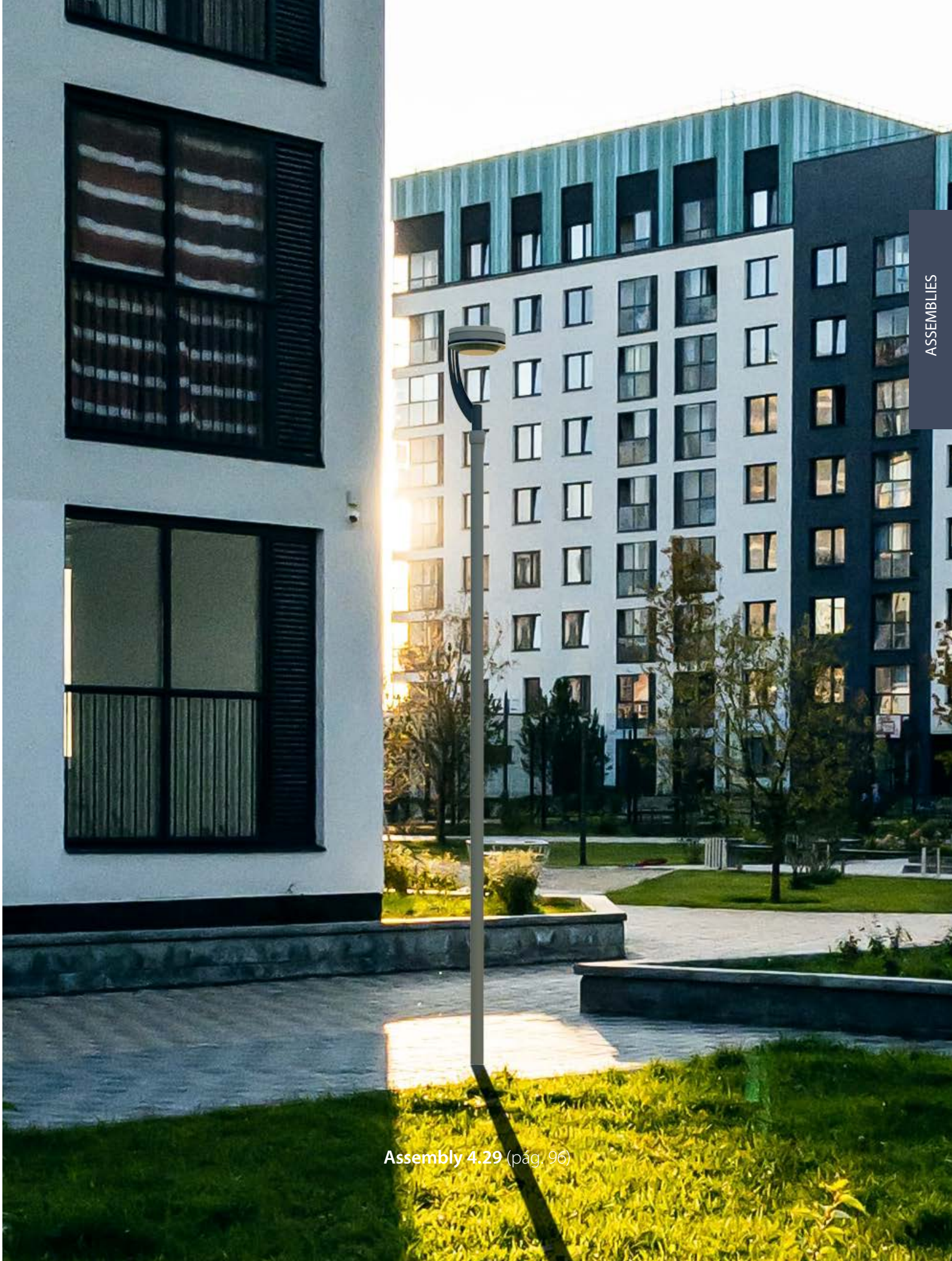
Specifications	
Luminaire height	4.7 m
Total height	4.8 m
Luminaire Aire® 3 Series	Page 178
Arm DPA	Page 396
Column Simple	Page 452





Specifications	
Luminaire height	4.0 m
Total height	4.1 m
Luminaire	
Aire® 3 Series	Page 178
Arm	
A-1	Page 388
Column	
Simple	Page 452

* Column without access panel



Assembly 4.29 (pág. 96)



HIGH ASSEMBLIES

Assembly 10.1 (page 146)



Assembly 5.1
108

Assembly 5.2
109

Assembly 5.3
110

Assembly 5.4
111

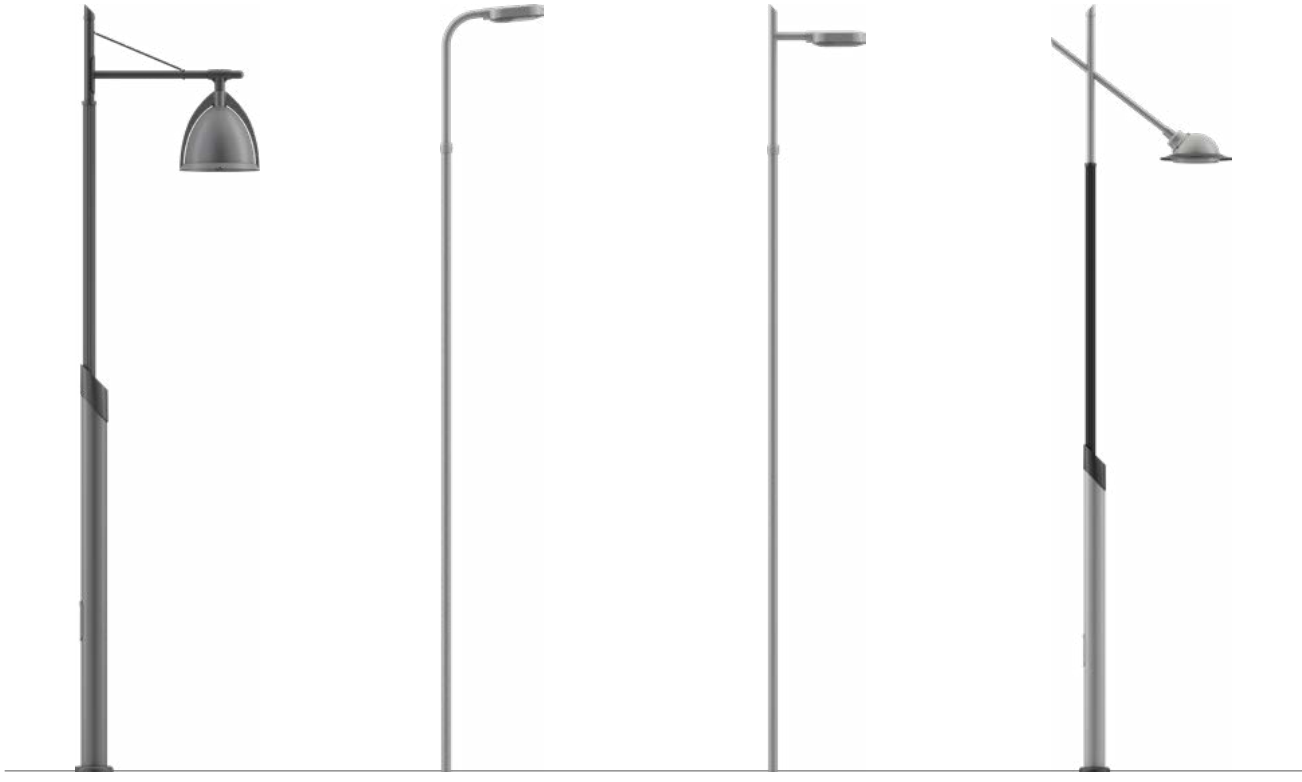


Assembly 6.2
116

Assembly 6.3
117

Assembly 6.4
118

Assembly 6.5
119



Assembly 5.5
112

Assembly 5.6
113

Assembly 5.7
114

Assembly 6.1
115

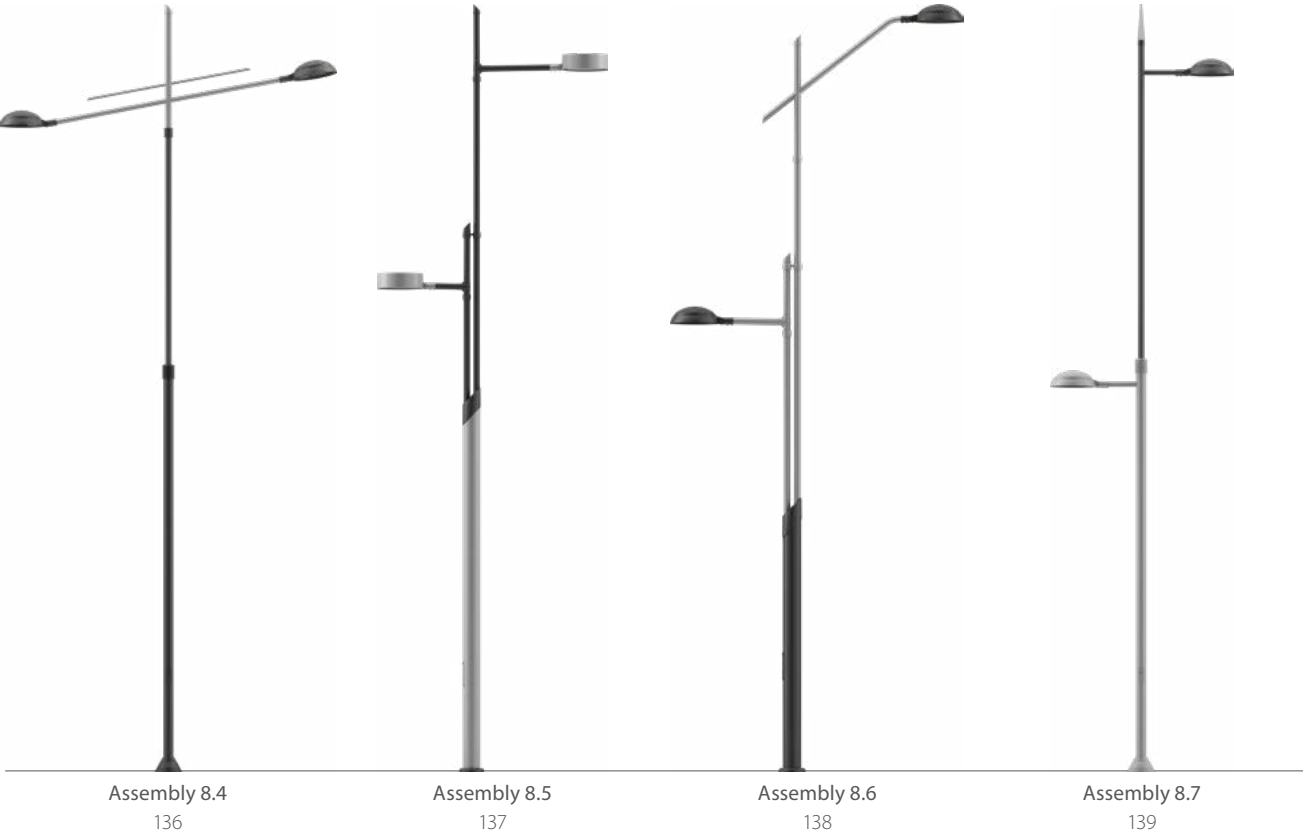
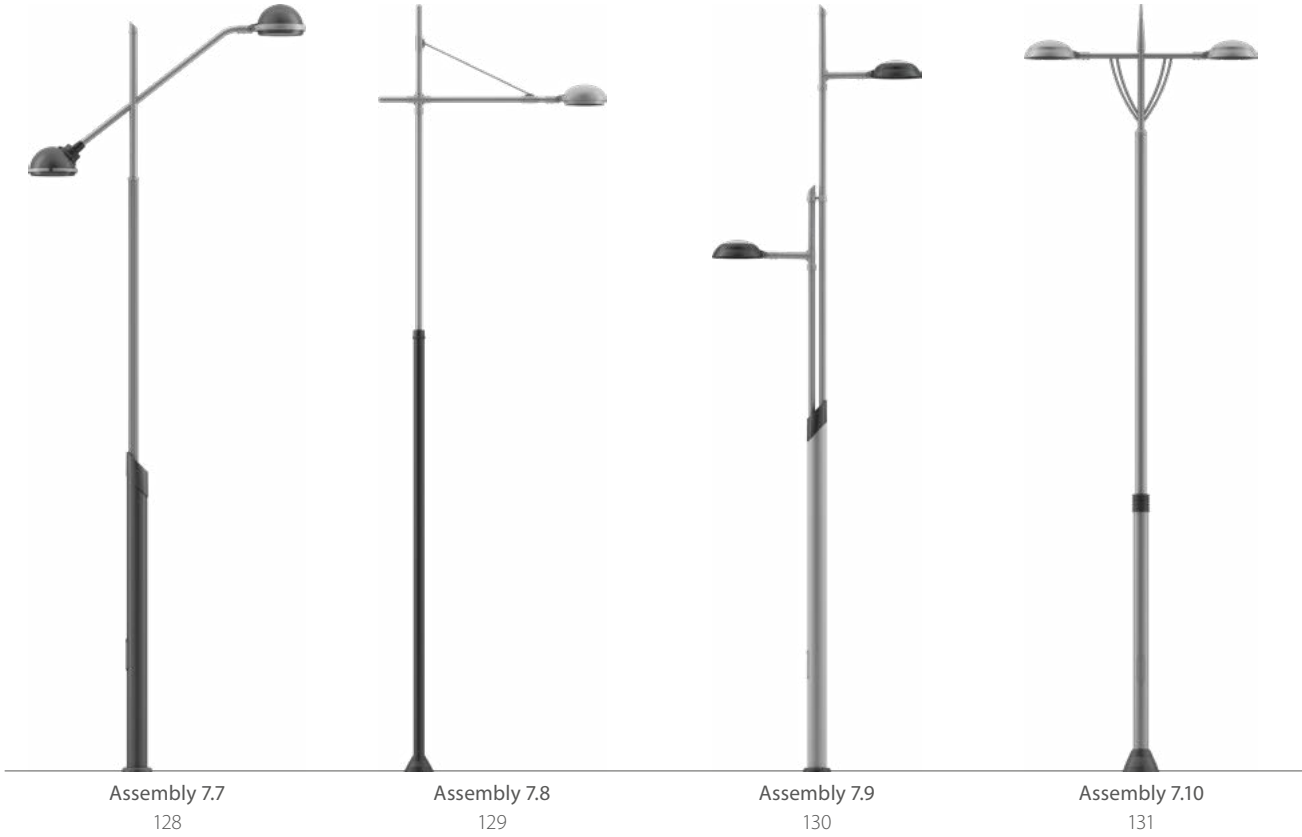
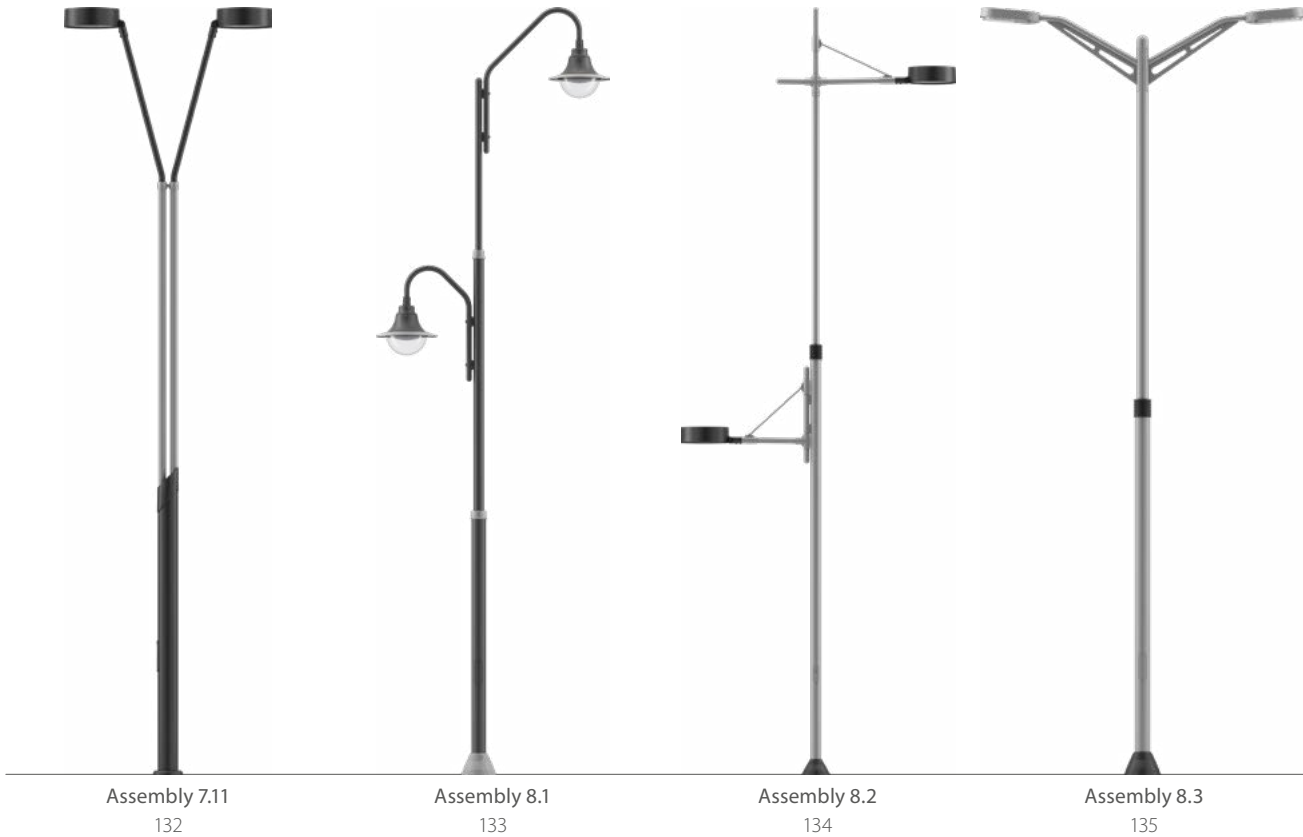
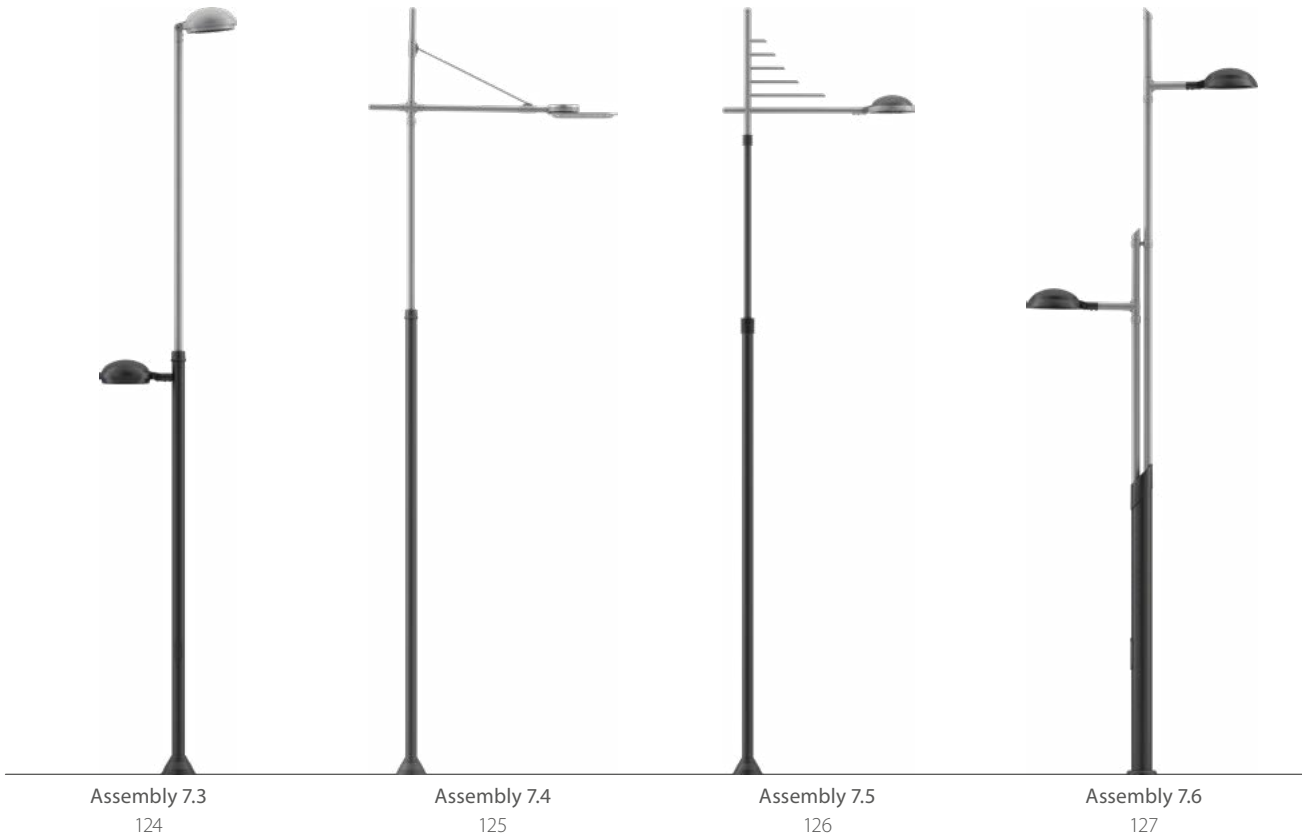


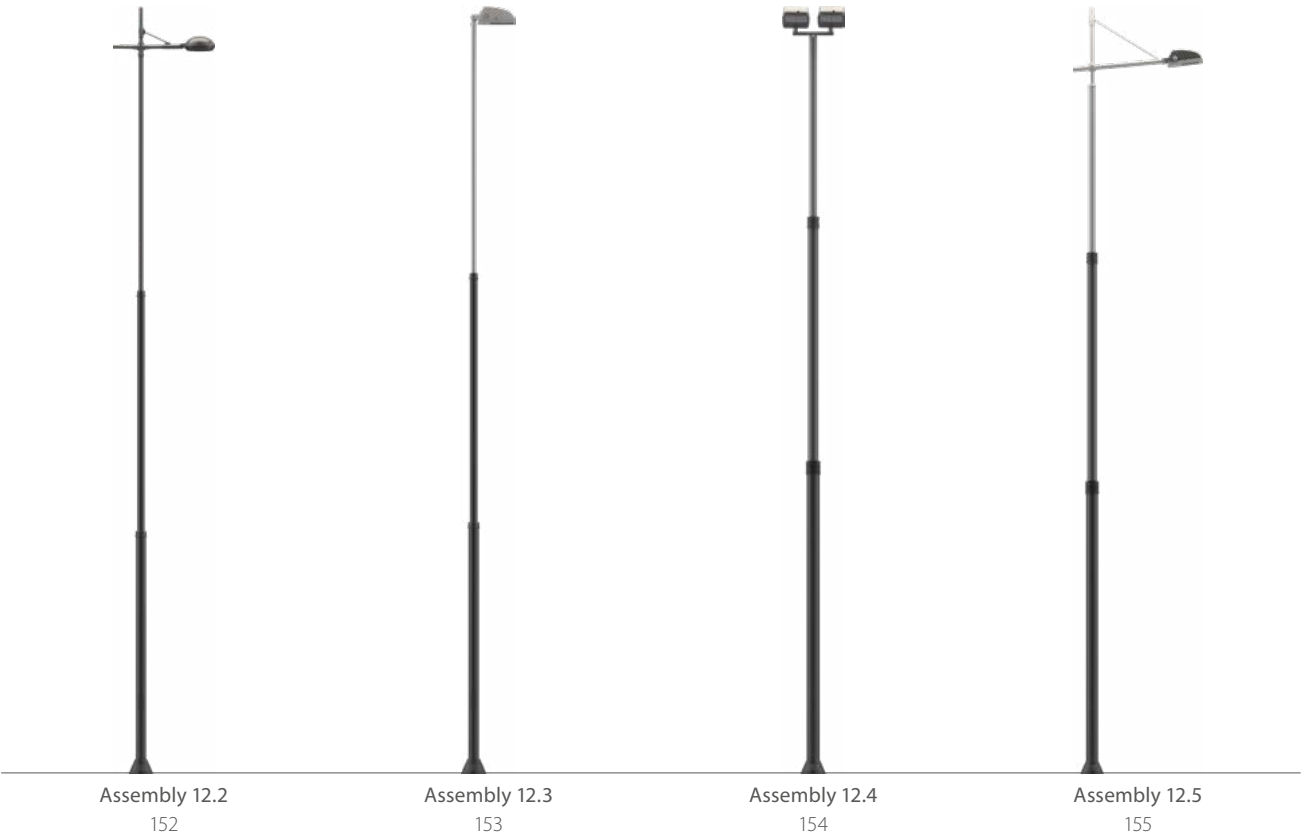
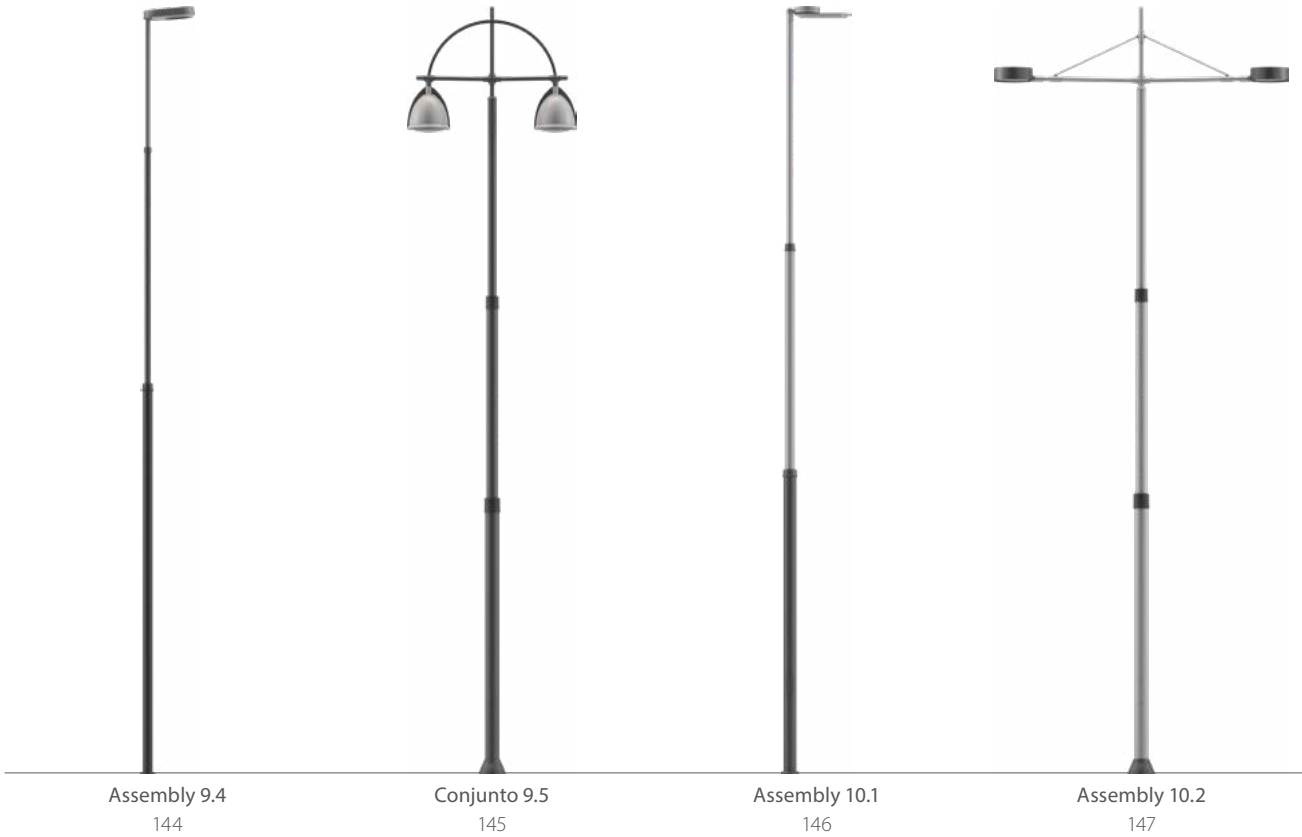
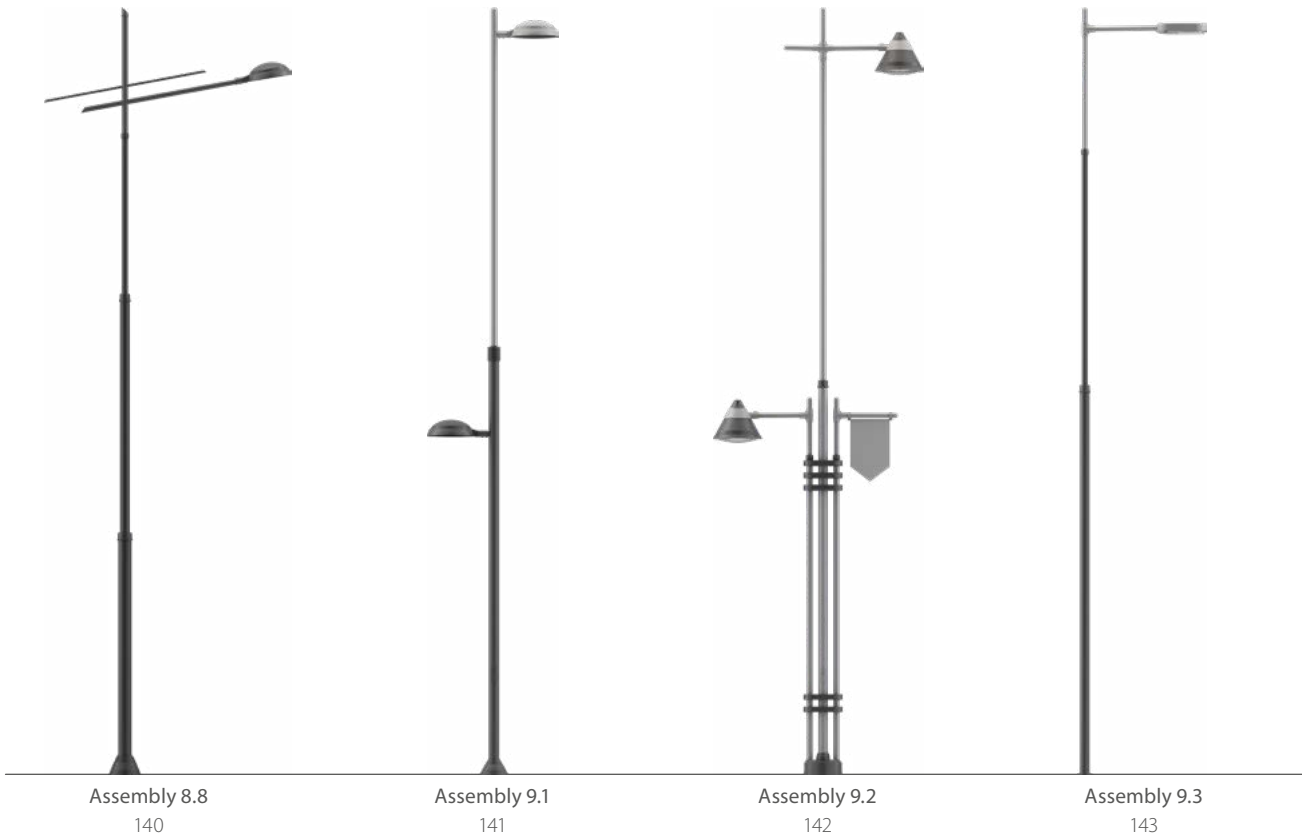
Assembly 6.6
120

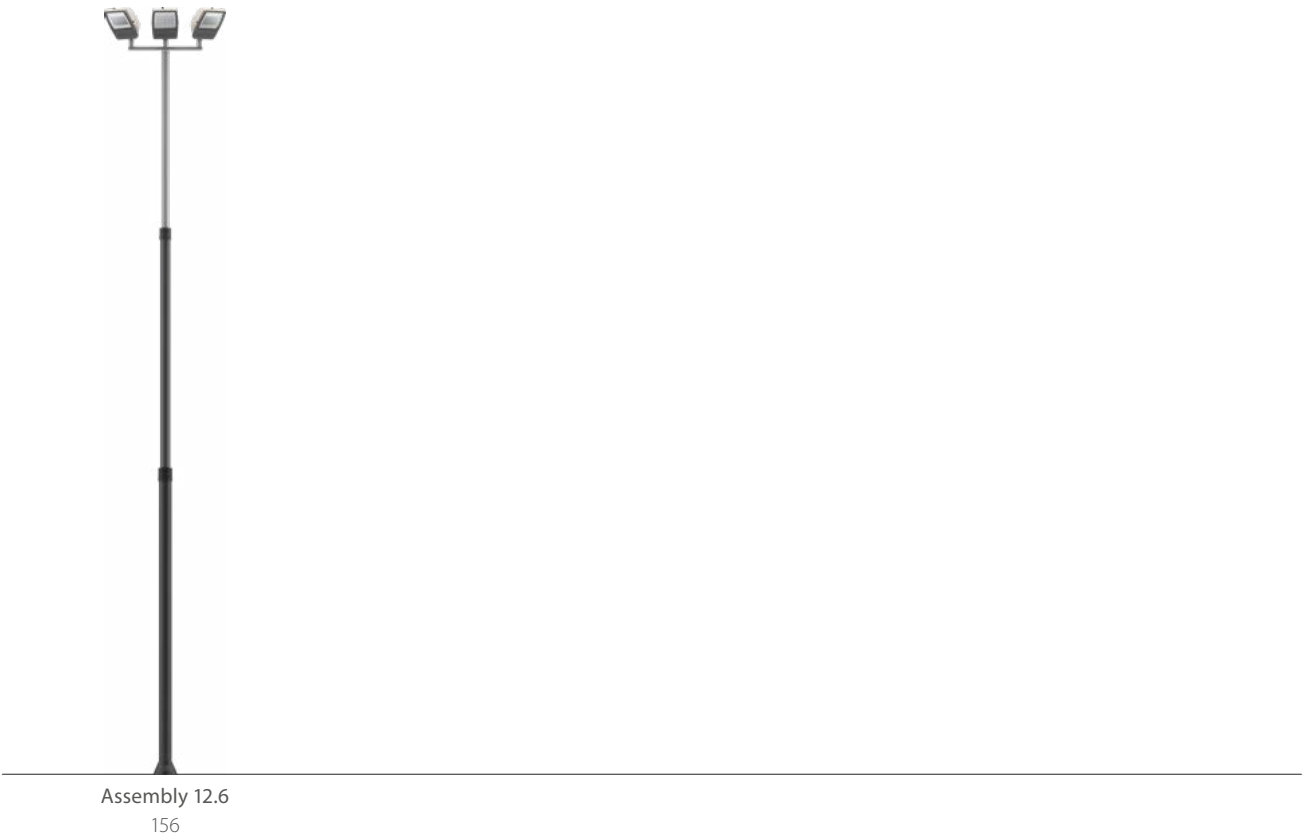
Assembly 6.7
121

Assembly 7.1
122

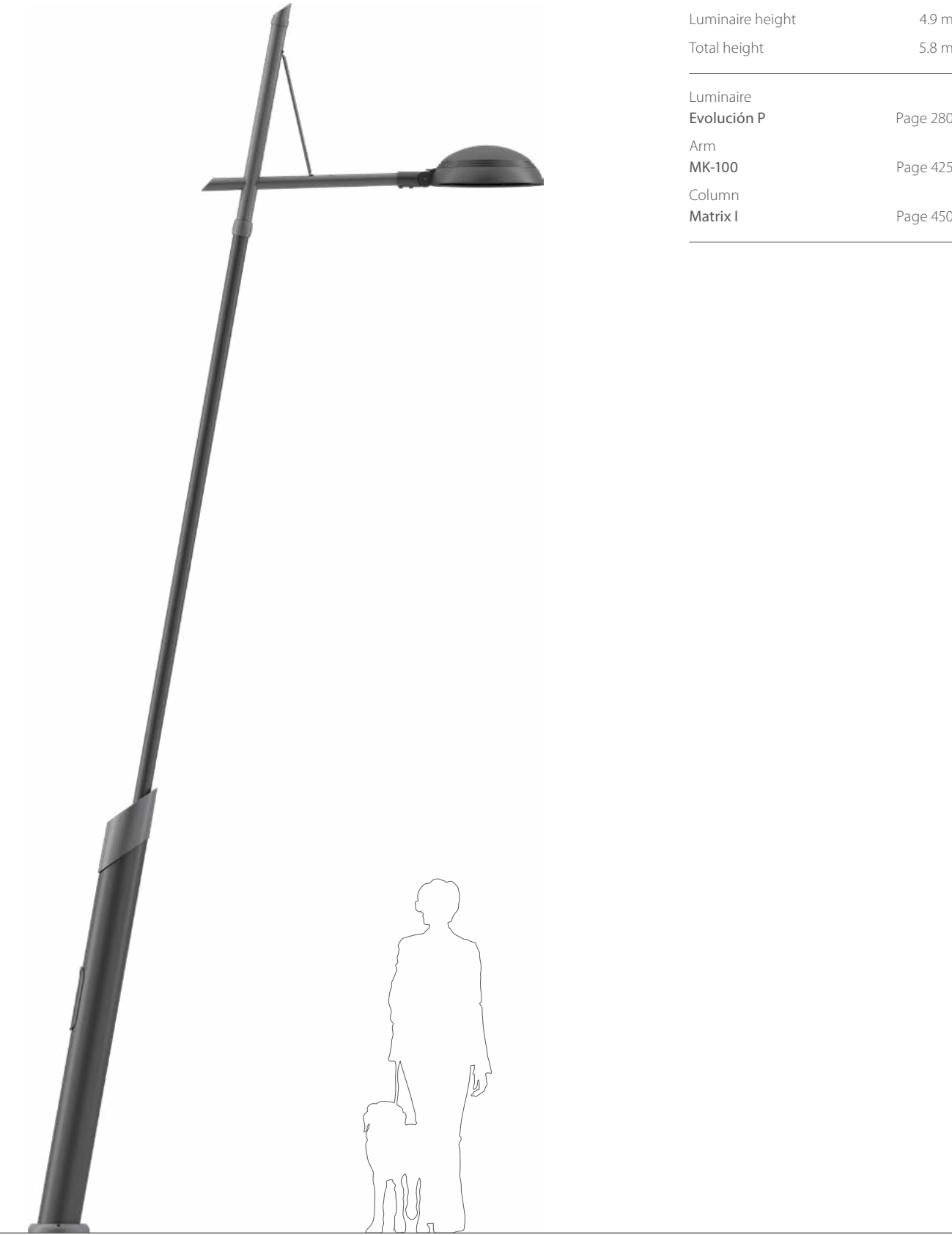
Assembly 7.2
123







Assembly 7.9 (page 130)

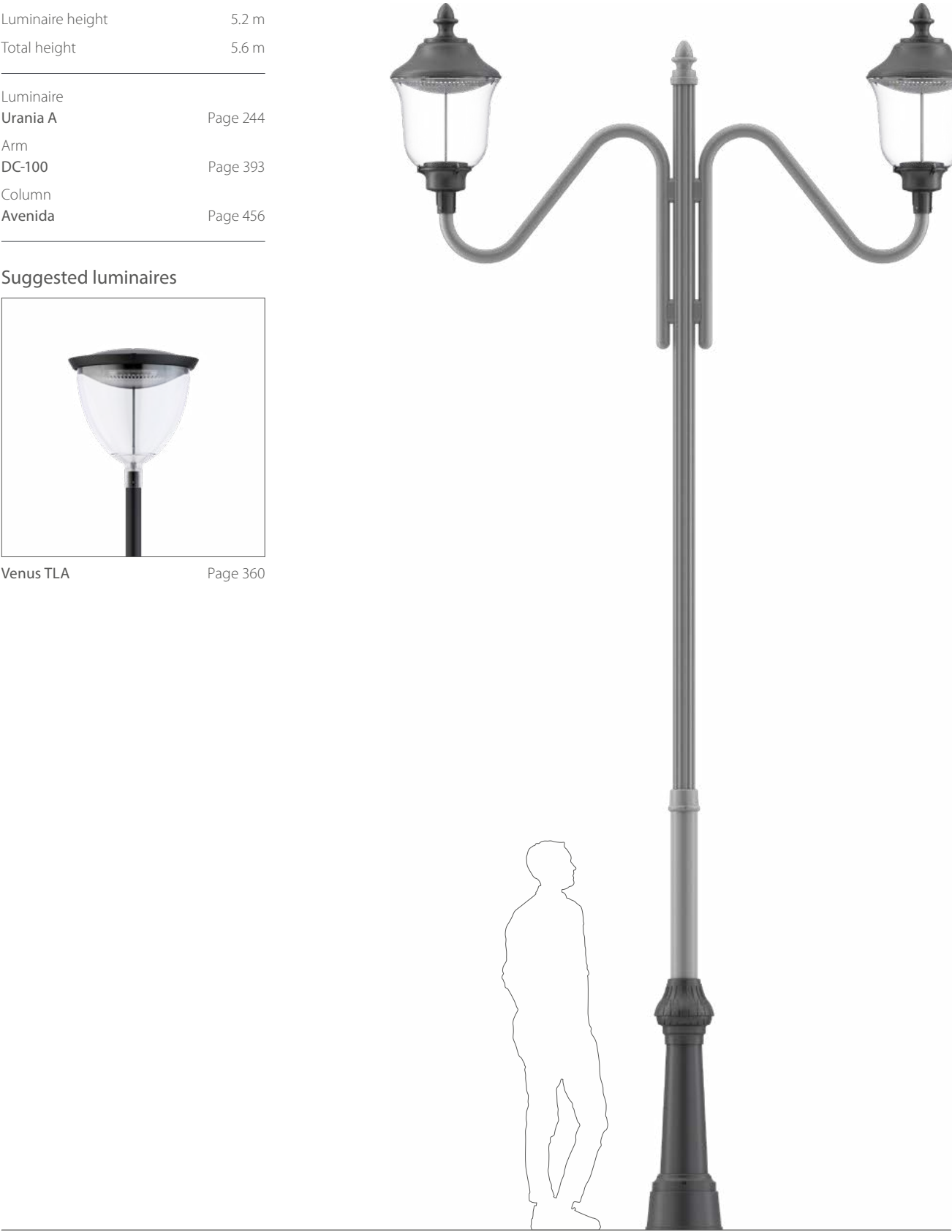


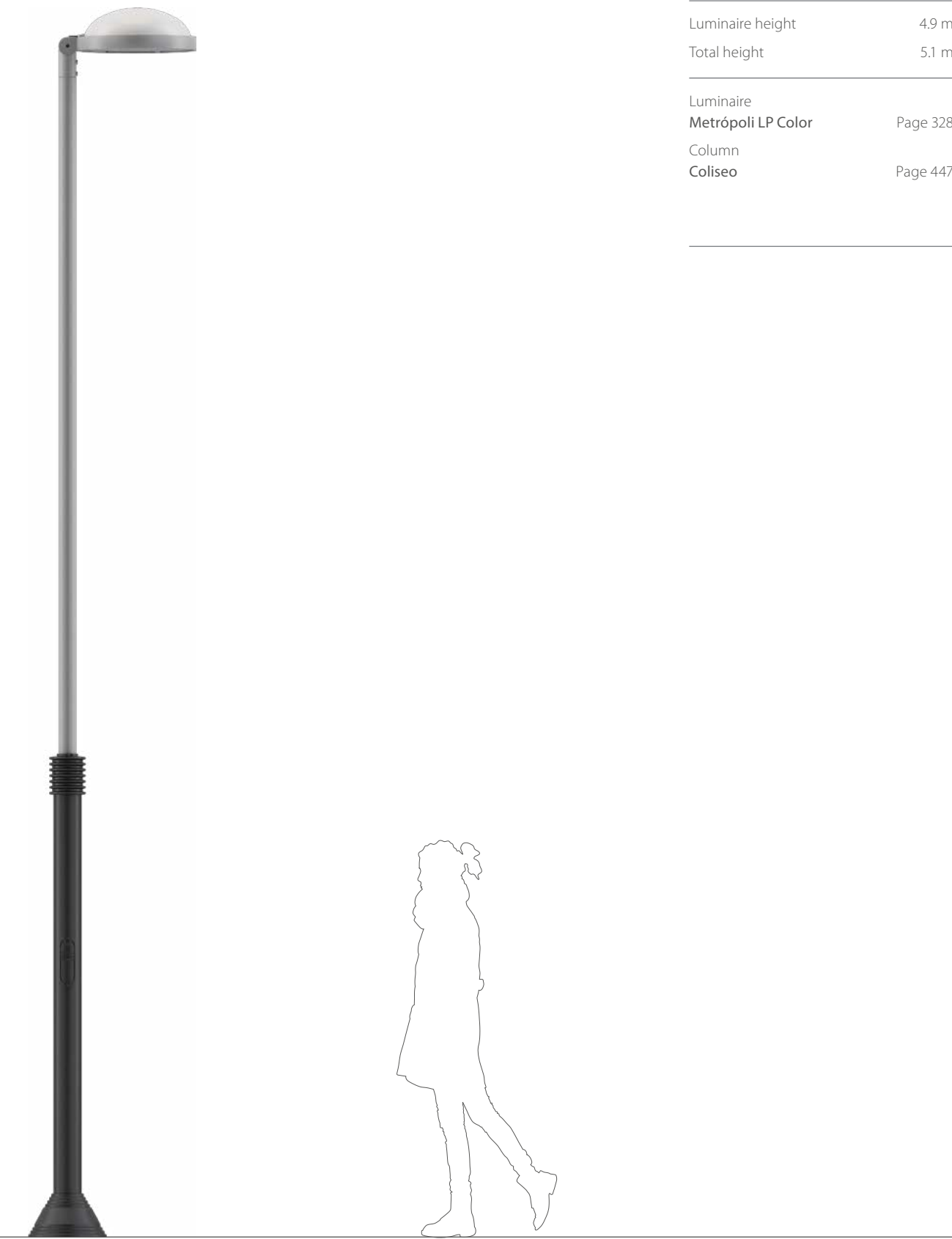
Specifications	
Luminaire height	4.9 m
Total height	5.8 m
Luminaire Evolución P	Page 280
Arm MK-100	Page 425
Column Matrix I	Page 450

Specifications	
Luminaire height	5.2 m
Total height	5.6 m
Luminaire Urania A	Page 244
Arm DC-100	Page 393
Column Avenida	Page 456



Venus TLA Page 360

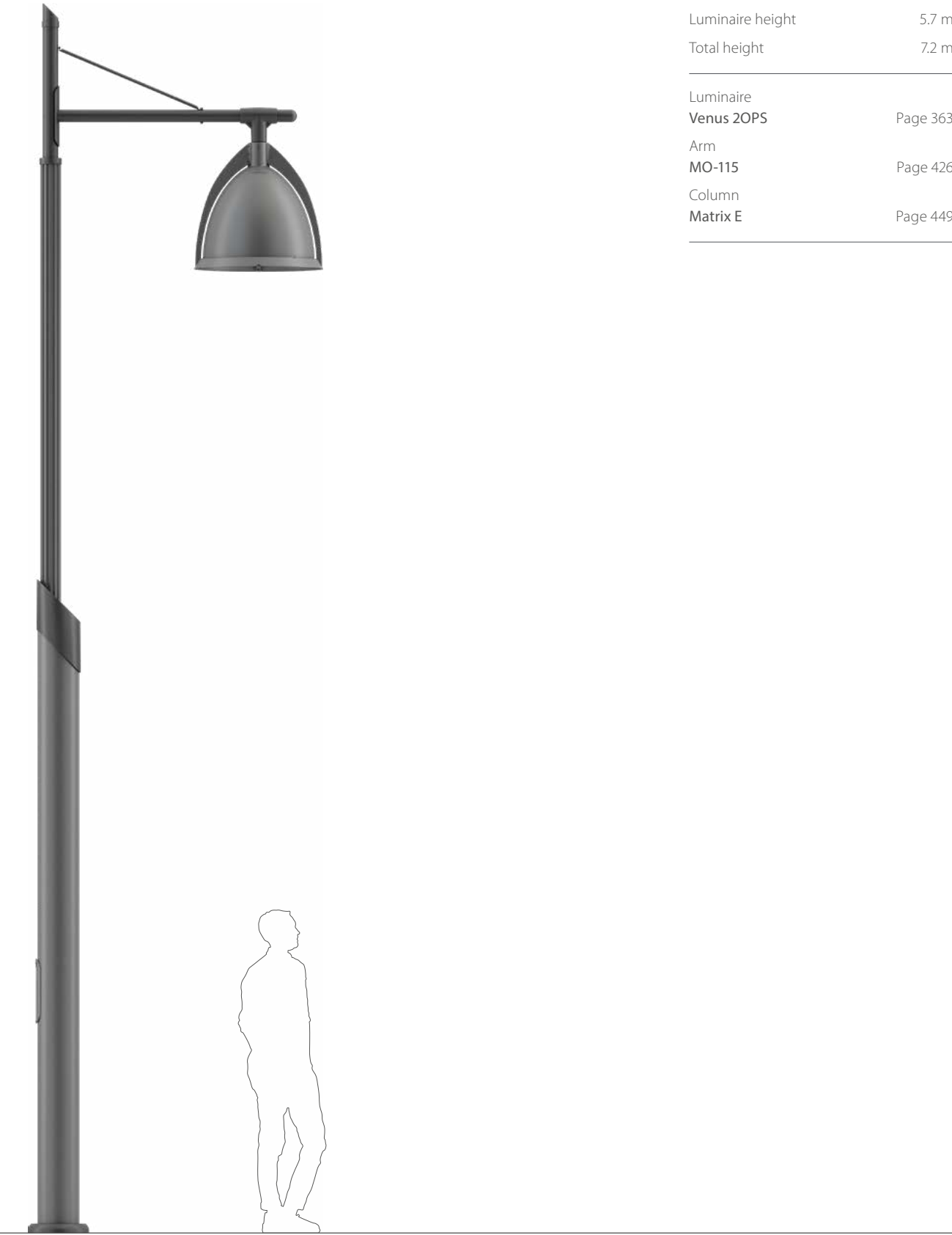




Specifications	
Luminaire height	4.9 m
Total height	5.1 m
Luminaire Metrópoli LP Color	Page 328
Column Coliseo	Page 447

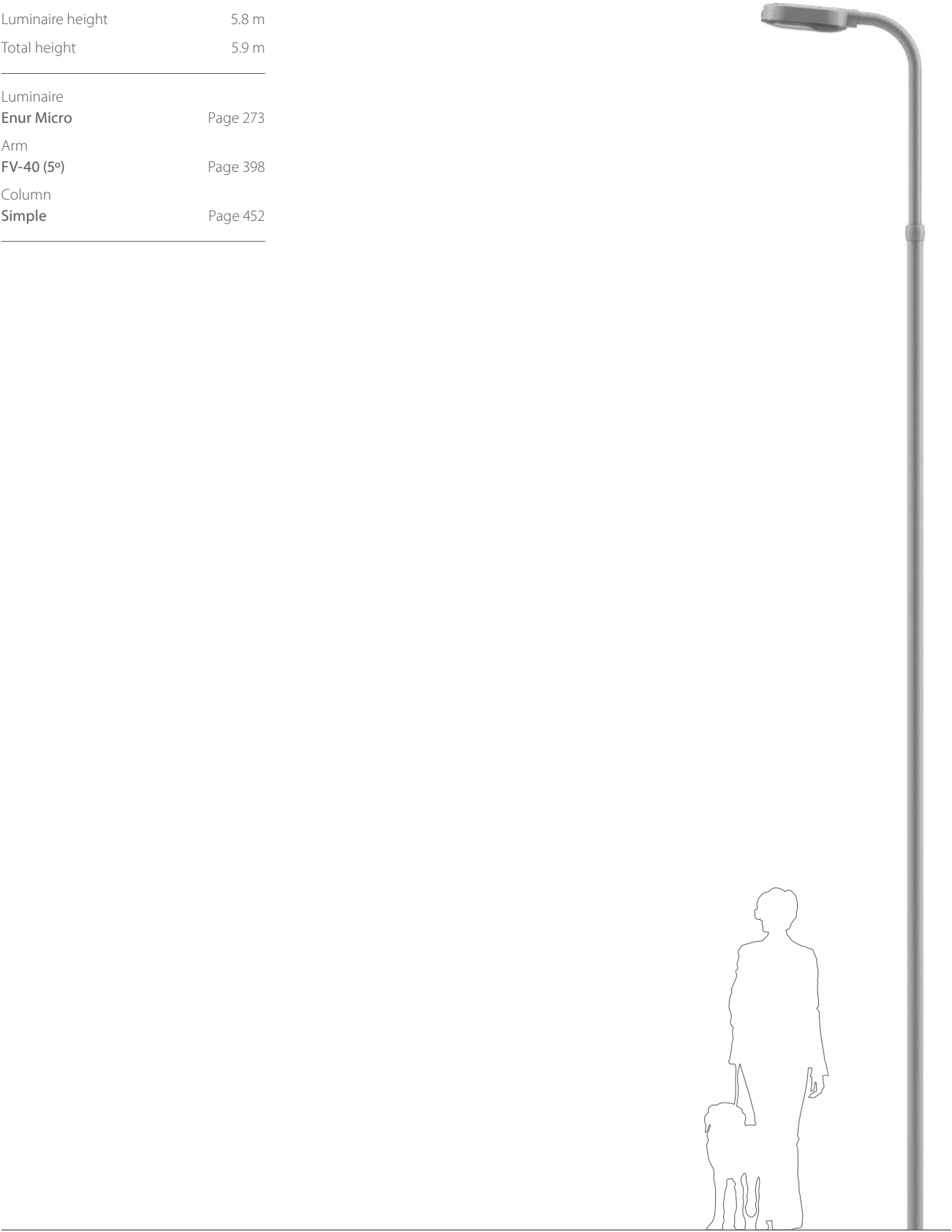
Specifications	
Luminaire height	5.2 m
Total height	5.4 m
Luminaire Croma P	Page 264
Arm DP-150	Page 395
Column Olimpo	Page 451

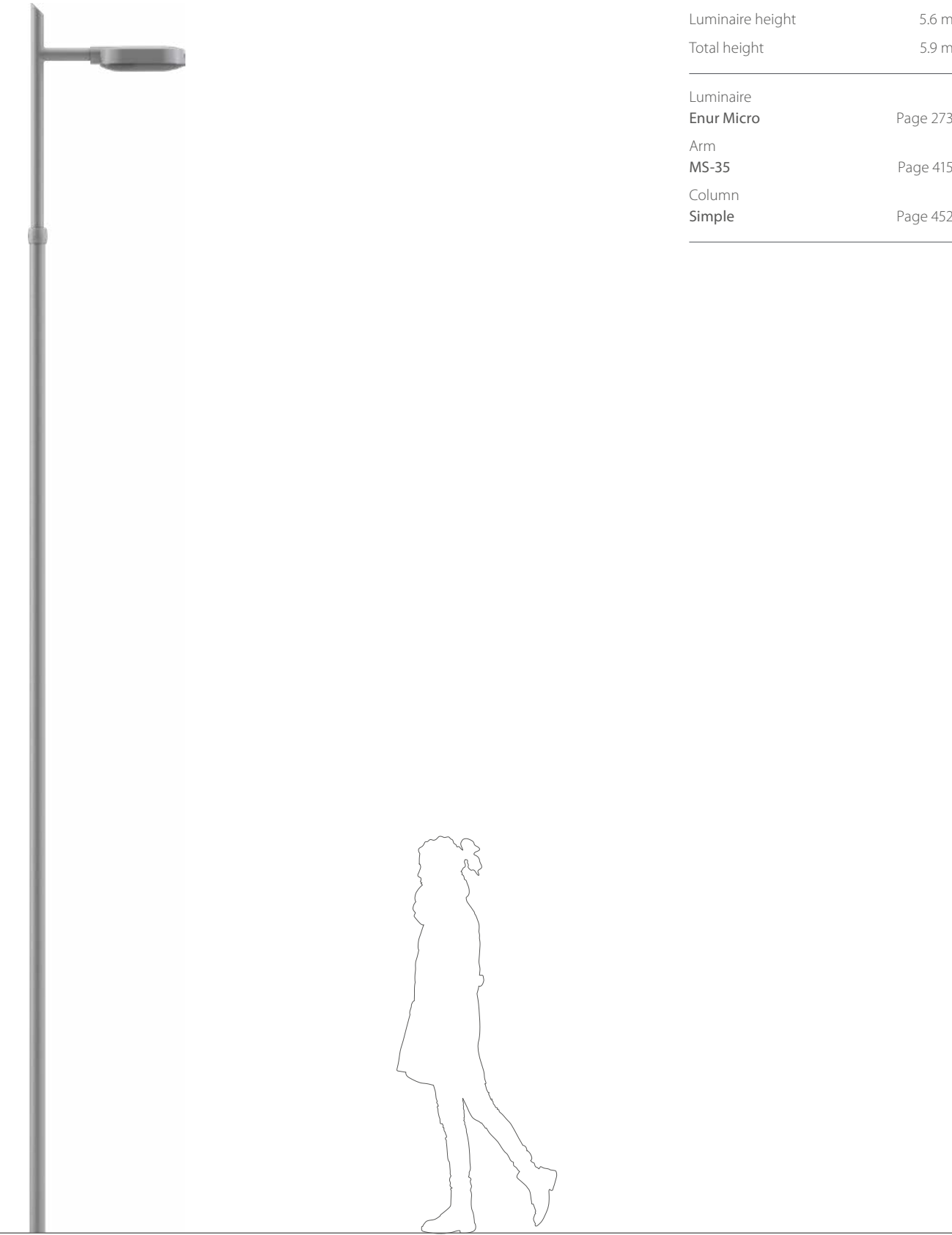




Specifications	
Luminaire height	5.7 m
Total height	7.2 m
Luminaire	
Venus 2OPS	Page 363
Arm	
MO-115	Page 426
Column	
Matrix E	Page 449

Specifications	
Luminaire height	5.8 m
Total height	5.9 m
Luminaire	
Enur Micro	Page 273
Arm	
FV-40 (5°)	Page 398
Column	
Simple	Page 452





Specifications	
Luminaire height	5.6 m
Total height	5.9 m
Luminaire	
Enur Micro	Page 273
Arm	
MS-35	Page 415
Column	
Simple	Page 452

Specifications	
Luminaire height	5.4 m
Total height	7.0 m
Luminaire	
Astral BLCI	Page 302
Arm	
FD-150	Page 413
Column	
Matrix E	Page 449

Suggested luminaires



Alameda I Page 301

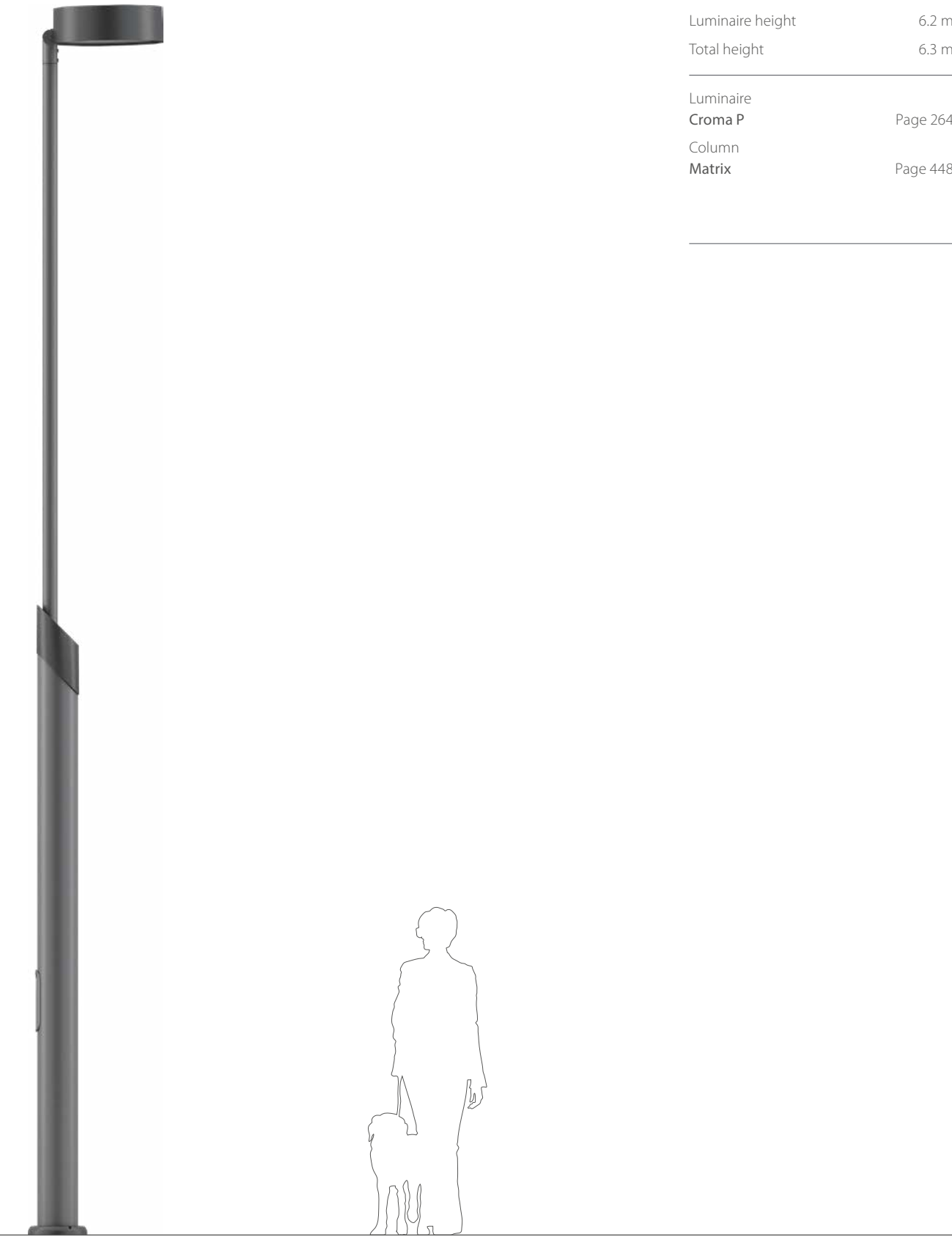


Globo I Page 303



Globo BLCI Page 304





Specifications	
Luminaire height	6.2 m
Total height	6.3 m
Luminaire Croma P	Page 264
Column Matrix	Page 448

Specifications	
Luminaire height	6.3 m
Total height	7.0 m
Luminaire Croma P	Page 264
Arm BV2-100	Page 409
Column Matrix E	Page 449

Suggested luminaires



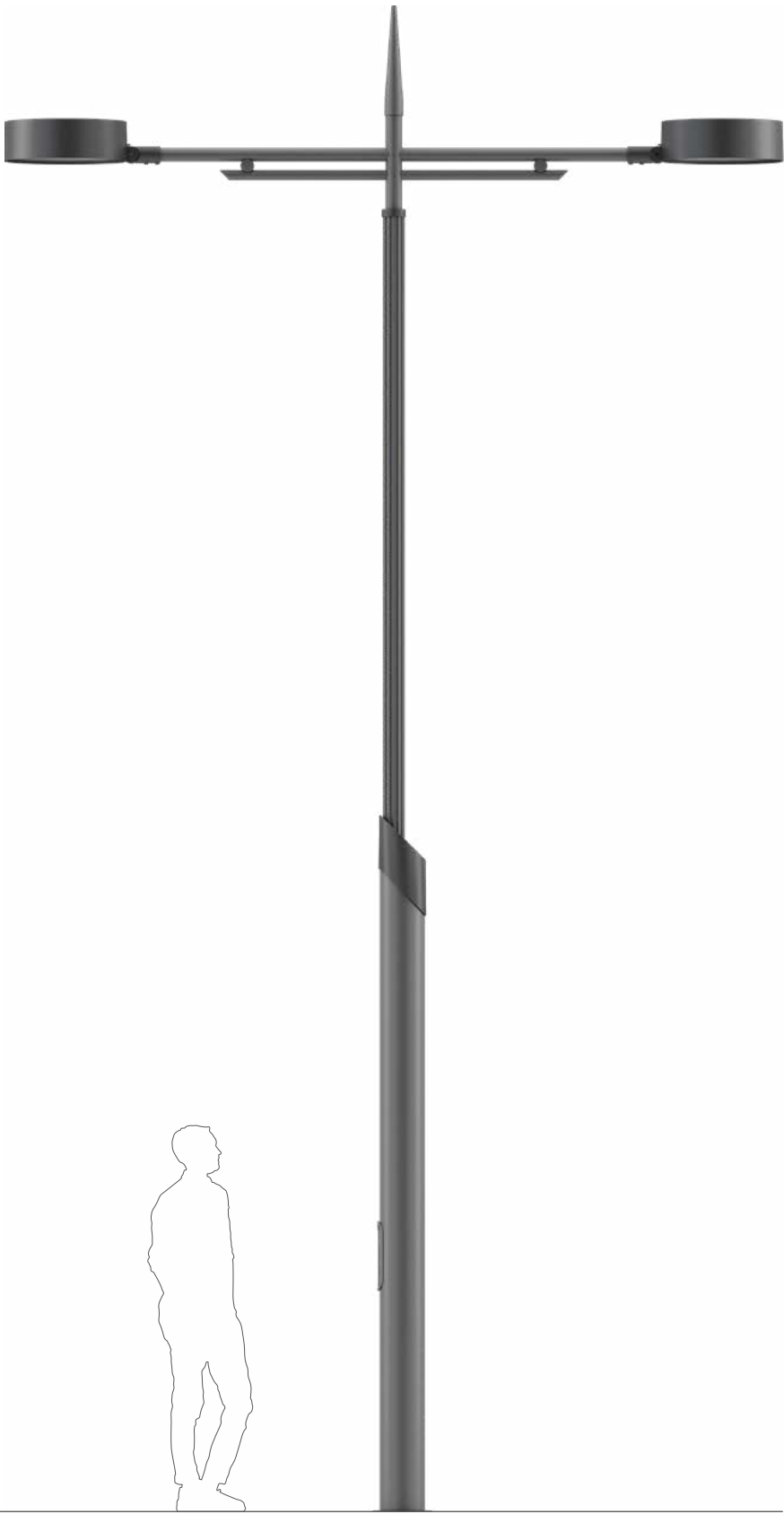
Metr poli LBP Page 314



Evoluci n P Page 280



Enur P Page 272





Specifications	
Luminaire height	4.0 / 6.3 m
Total height	7.2 m
Luminaire Pescador S	Page 300
Arm CD-100	Page 390
Column Avenida	Page 456

Specifications	
Luminaire height	6.1 m
Total height	6.3 m
Luminaire Enur L	Page 272
Arm DM-100	Page 394
Column Atlas	Page 446





Specifications

Luminaire height	3.8 / 6.6 m
Total height	8.8 m

Luminaire	
Alfa 1S	Page 190
Arm	
BG-125	Page 421
Column	
Atlas	Page 446



Cónica TLS Page 253



Pescador S Page 300

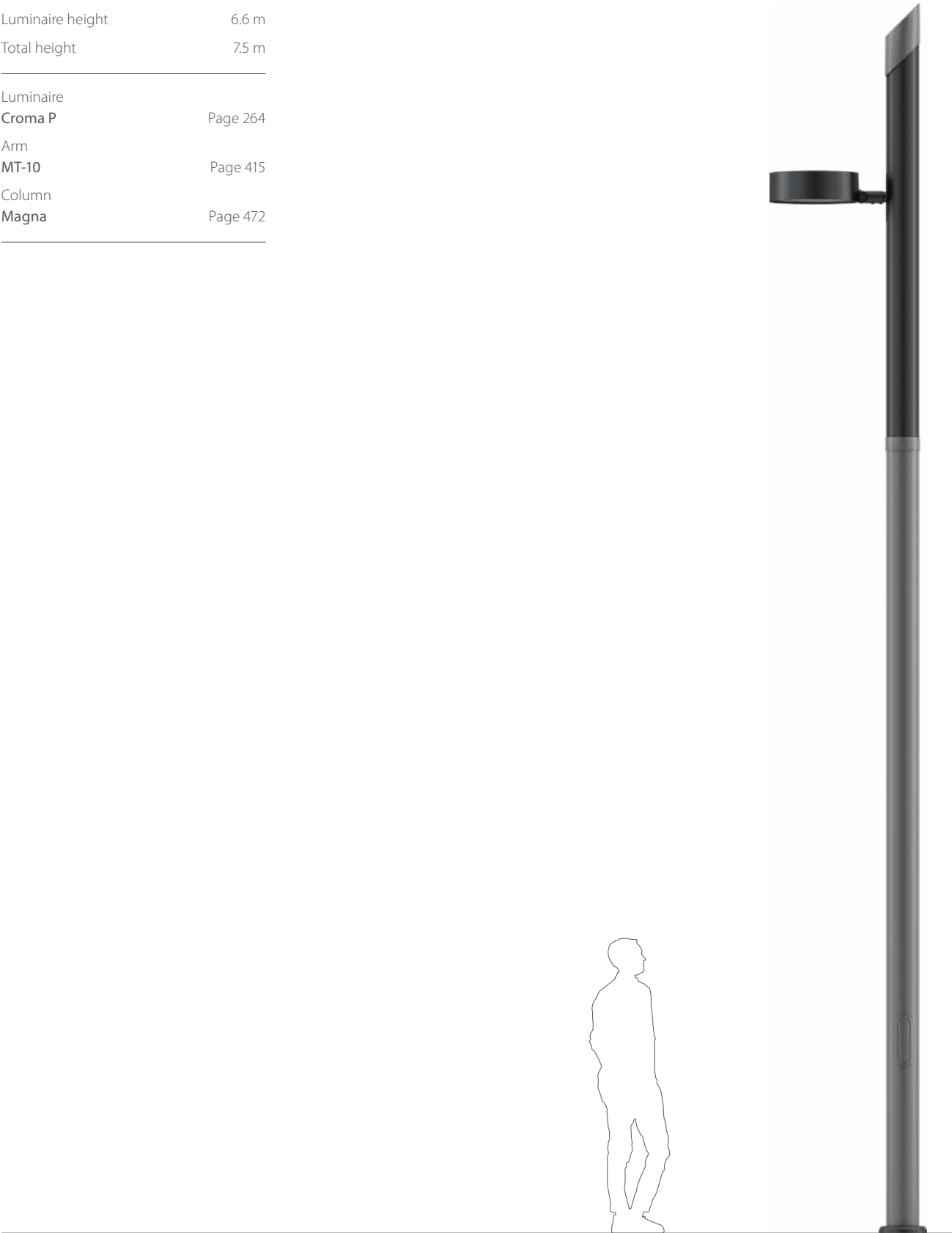


Venus OPS Page 361

Specifications

Luminaire height	6.6 m
Total height	7.5 m

Luminaire	
Croma P	Page 264
Arm	
MT-10	Page 415
Column	
Magna	Page 472





Specifications	
Luminaire height	3.7 / 7.0 m
Total height	7.9 m
Luminaire	
Metrópolis LBP	Page 314
Arm	
MD-70	Page 414
Column	
Atlas	Page 446

Suggested luminaires



Metrópolis LP Page 314



Evolución P Page 280



Enur P Page 272

Specifications	
Luminaire height	7.1 m
Total height	7.9 m
Luminaire	
Evolución P	Page 280
Arm	
MD-70	Page 414
Column	
Matrix Duo 2	Page 474

Suggested luminaires



Croma P Page 264





Specifications	
Luminaire height	3.9 / 7.2 m
Total height	7.3 m
Luminaire	
Metrópolis LBP	Page 314
Arm	
MT-10	Page 415
Column	
Atlas	Page 446

Suggested luminaires



Metrópolis LP Page 314



Evolución P Page 280



Enur P Page 272

Specifications	
Luminaire height	7.3 m
Total height	8.3 m
Luminaire	
Aire® 7 Series	Page 179
Arm	
BM-150	Page 422
Column	
Atlas	Page 446





Specifications	
Luminaire height	7.4 m
Total height	8.5 m
Luminaire	
Metrópolis LP	Page 314
Arm	
BV-150	Page 409
Column	
Coliseo	Page 447

Suggested luminaires



Metrópolis LBP Page 314



Evolución P Page 280

Specifications	
Luminaire height	4.6 / 6.8 m
Total height	7.6 m
Luminaire	
Evolución P	Page 280
Arm	
MD-50	Page 414
Column	
Matrix Duo 1	Page 473

Suggested luminaires

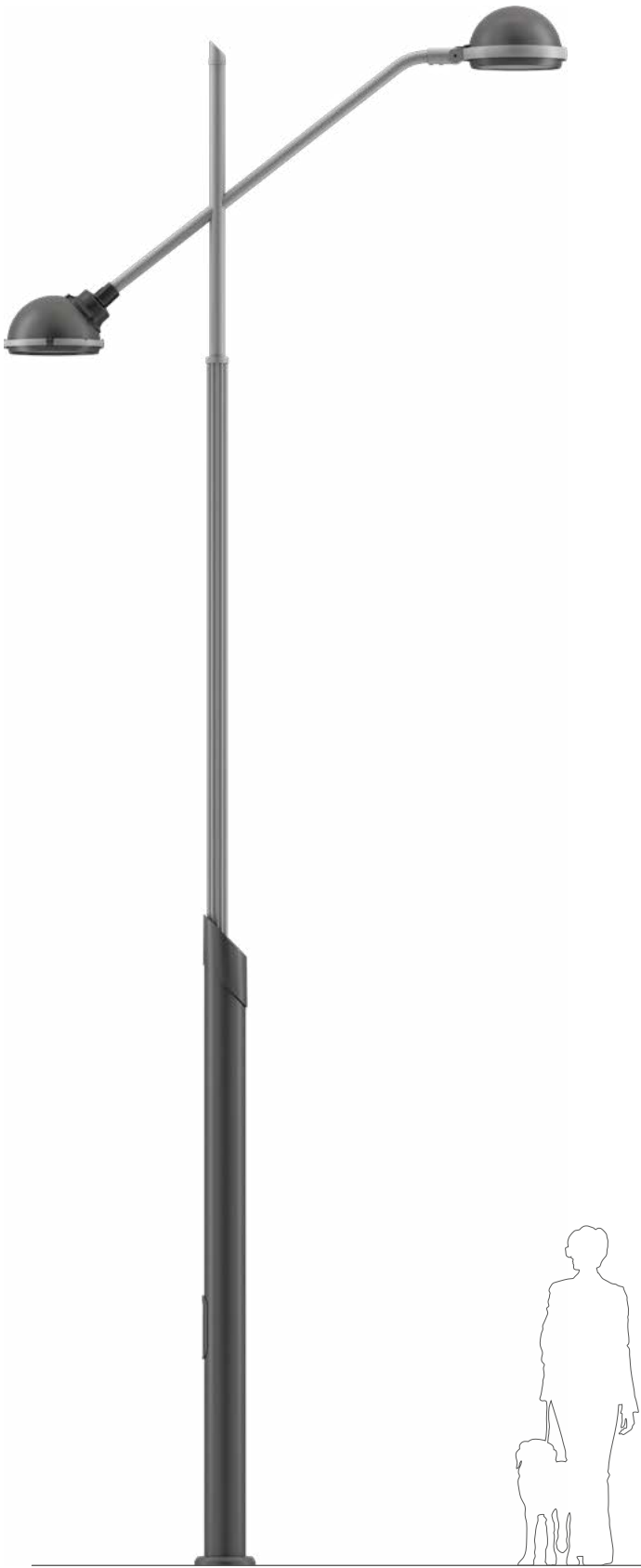


Metrópolis LBP Page 314



Croma P Page 264





Specifications	
Luminaire height	7.5 / 6.1m
Total height	7.7 m
Luminaire	
Metrópolis EBP	Page 316
Arm	
FD-100	Page 412
Column	
Matrix	Page 448

Specifications	
Luminaire height	7.7 m
Total height	8.7 m
Luminaire	
Metrópolis LBP	Page 314
Arm	
BM-150	Page 422
Column	
Atlas	Page 446

Suggested luminaires



Cromá P Page 264



Evolución P Page 280



Enur P Page 272





Specifications	
Luminaire height	5.7 / 7.7 m
Total height	8.4 m
Luminaire	
Evolución 2 P	Page 281
Arm	
MD-50	Page 414
Column	
Matrix Duo 1	Page 473

Suggested luminaires



Metròpoli LBP Page 314



Metròpoli LBP Color Page 328

Specifications	
Luminaire height	7.9 m
Total height	8.1 m
Luminaire	
Evolución 2 P	Page 281
Arm	
PT-85	
Column	
Coliseo Super	Page 471

Suggested luminaires



Metròpoli LP Page 314



Metròpoli LP Color Page 328





Specifications

Luminaire height	7.9 m
Total height	8.0 m

Luminaire	
Croma P	Page 264
Arm	
DP-150	Page 395
Column	
Matrix Duo 1	Page 473

Suggested luminaires



Evolución P Page 280

Specifications

Luminaire height	5.1 / 8.1 m
Total height	8.9 m

Luminaire	
Pescador S	Page 300
Arm	
FK-110	Page 397
Column	
Atlas Plus	Page 468

Suggested luminaires



Alameda S Page 296

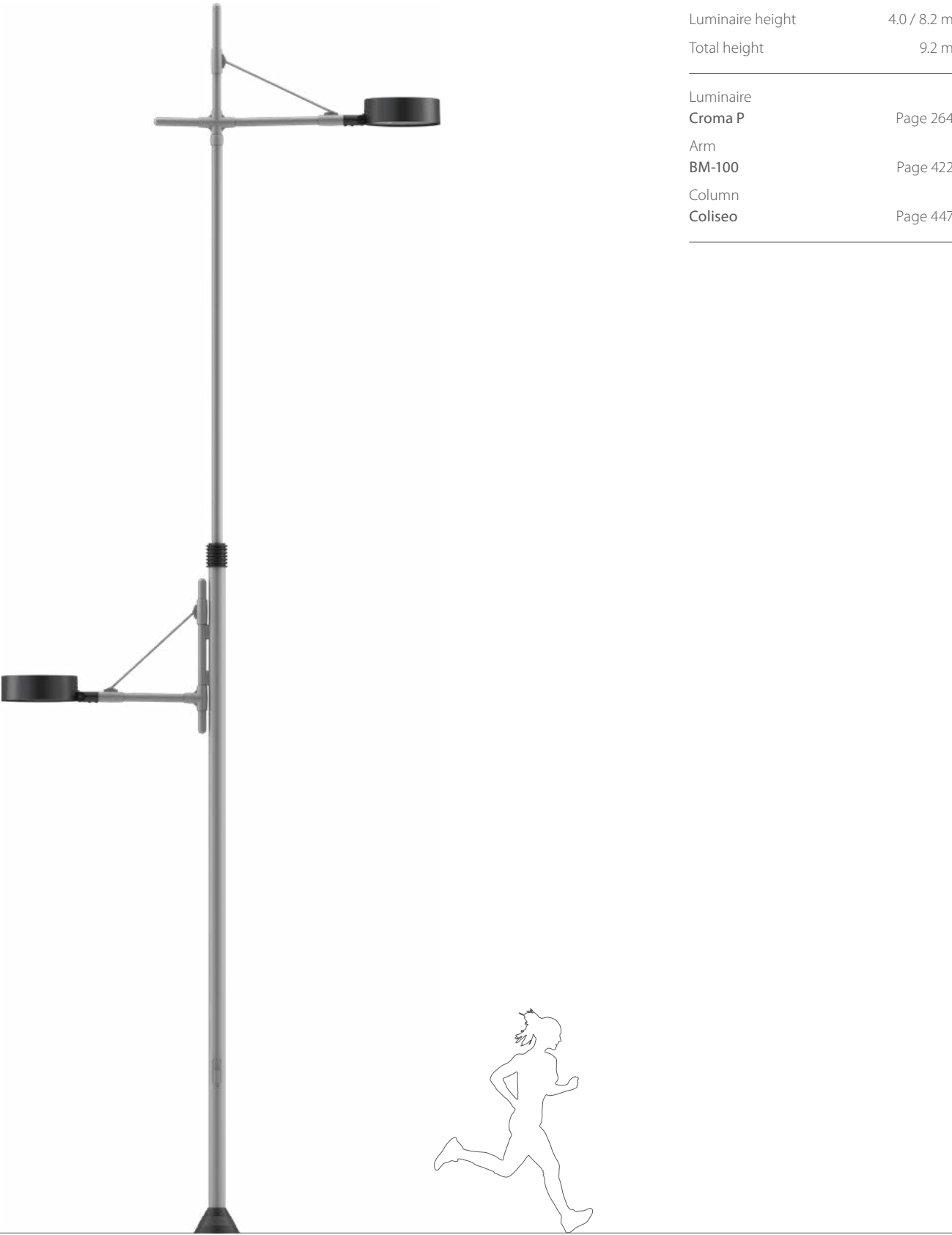


Paseo S Page 299



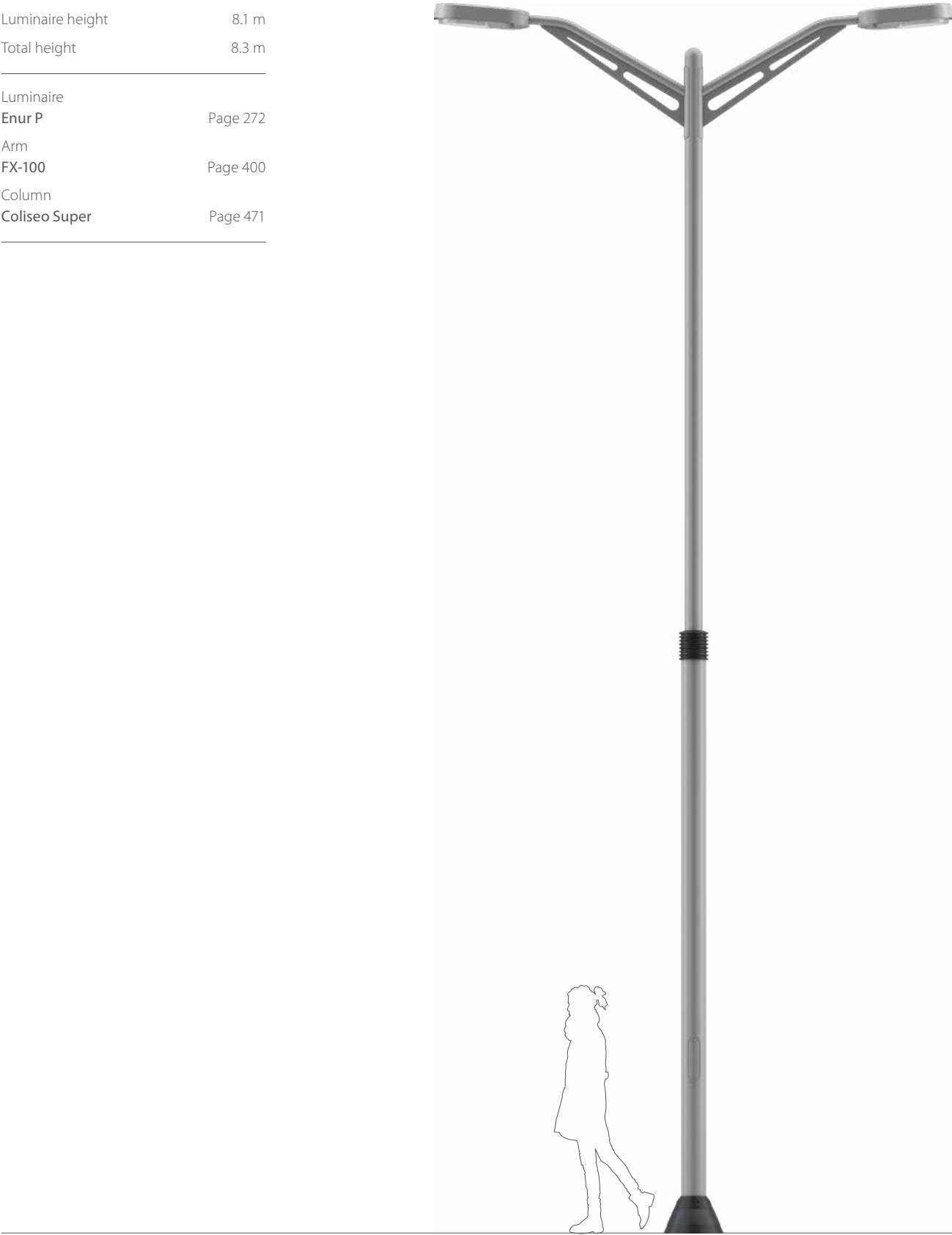
Pescador S Page 300





Specifications	
Luminaire height	4.0 / 8.2 m
Total height	9.2 m
Luminaire Croma P	Page 264
Arm BM-100	Page 422
Column Coliseo	Page 447

Specifications	
Luminaire height	8.1 m
Total height	8.3 m
Luminaire Enur P	Page 272
Arm FX-100	Page 400
Column Coliseo Super	Page 471





Specifications	
Luminaire height	8.0 / 8.6 m
Total height	9.5 m
Luminaire Evolución P	Page 280
Arm ED-100	Page 411
Column Coliseo	Page 447

Suggested luminaires



Metrópolis LBP Page 314



Evolución P Page 280

Specifications	
Luminaire height	6.0 / 8.6 m
Total height	9.3 m
Luminaire Croma P	Page 264
Arm MD-70	Page 414
Column Matrix Duo 2	Page 474





Specifications

Luminaire height	5.1 / 8.6 m
Total height	8.7 m

Luminaire	
Evolución P	Page 280
Arm	
FD-150	
Column	
Matrix Duo 2	Page 474

Suggested luminaires



Metrópolis LP Page 314



Cónica OPH Page 254



Evolución 2 P Page 281

Specifications

Luminaire height	4.8 / 8.6 m
Total height	9.4 m

Luminaire	
Evolución P	Page 280
Arm	
MT-50	Page 416
Column	
Coliseo	Page 447

Suggested luminaires



Croma P Page 264



Evolución P Page 280



Enur P Page 272





Specifications	
Luminaire height	8.6 m
Total height	9.5 m
Luminaire Evolución P	Page 280
Arm ED-100	Page 411
Column Atlas Plus	Page 468

Suggested luminaires



Metròpoli LP Page 314

Specifications	
Luminaire height	4.0 9.1 m
Total height	9.4 m
Luminaire Evolución P	Page 280
Arm MT-10	Page 415
Column Coliseo	Page 447

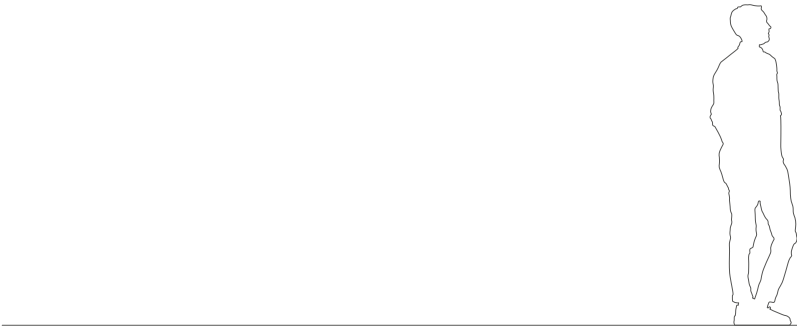
Suggested luminaires

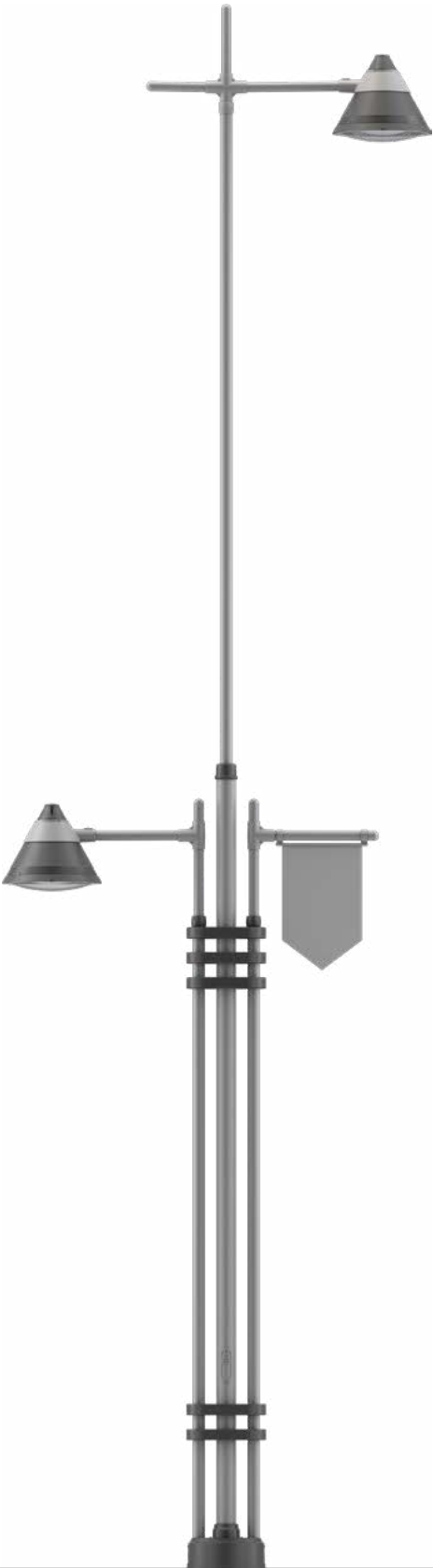


Metròpoli LP Page 314



Evolución 2 P Page 281





Specifications	
Luminaire height	4.4 / 9.2 m
Total height	10.0 m
Luminaire	
Cónica OPH	Page 254
Arm	
AV-80	Page 404
Column	
Bulevar	Page 469

Suggested luminaires



Metròpoli EBP Page 316



Metròpoli EBLC Page 317



Cónica TLH Page 252



Specifications	
Luminaire height	9.6 m
Total height	9.9 m
Luminaire	
Enur P	Page 272
Arm	
AV-80	Page 404
Column	
Atlas	Page 446

Suggested luminaires



Croma P Page 264



Evolución P Page 280



Metròpoli LP Page 314





Specifications

Luminaire height	9.7 m
Total height	9.9 m

Luminaire	
Enur P	Page 272
Column	
Atlas	Page 446

Suggested luminaires



Croma P Page 264



Evolución P Page 280



Metrópolis LP Page 314

Specifications

Luminaire height	9.8 m
Total height	11.3 m

Luminaire	
Venus 2OPS	Page 363
Arm	
PM-115	Page 427
Column	
Coliseo Plus	Page 470

Suggested luminaires



Astral S Page 297

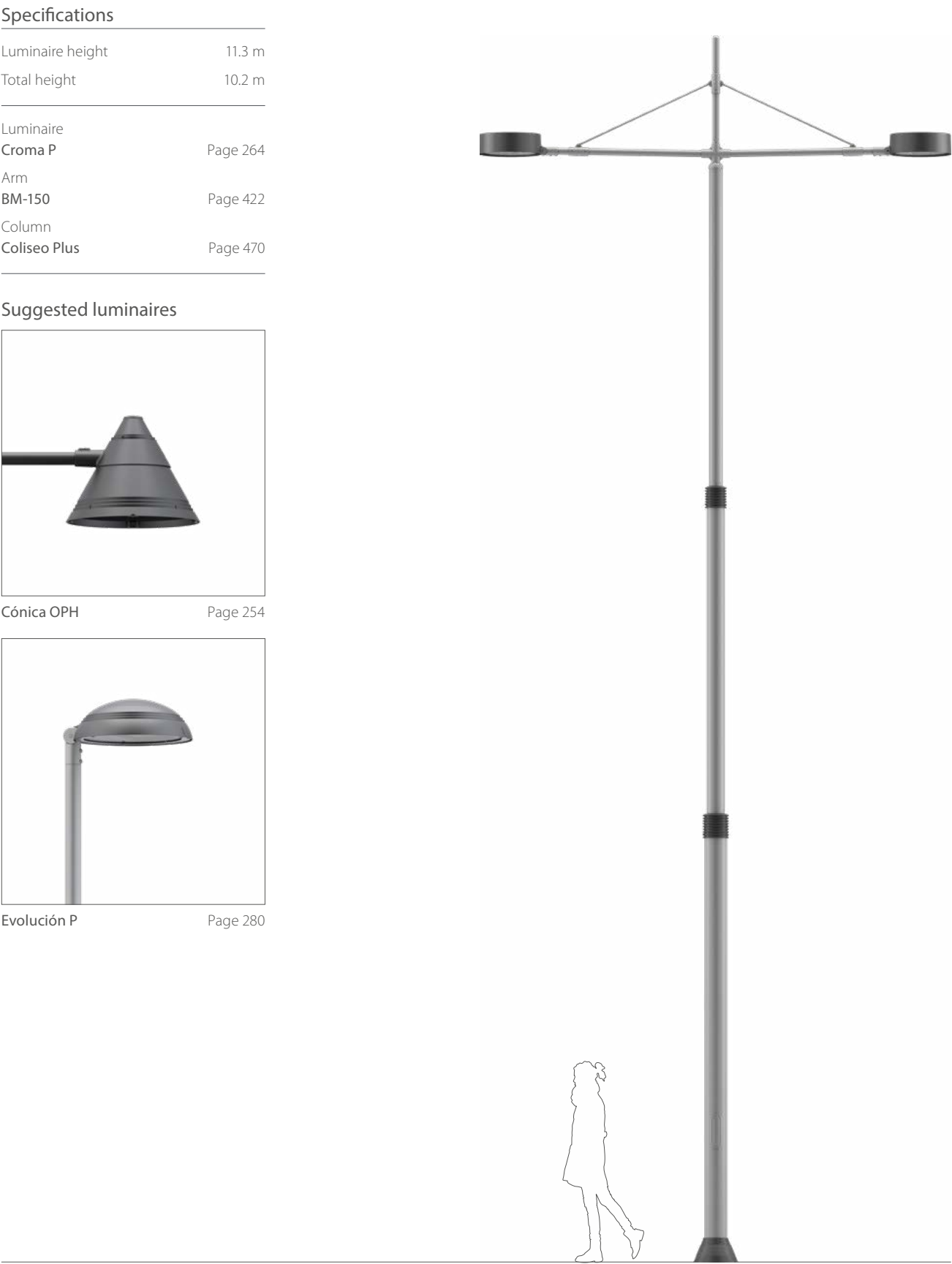


Globo S Page 298



Pescador S Page 300







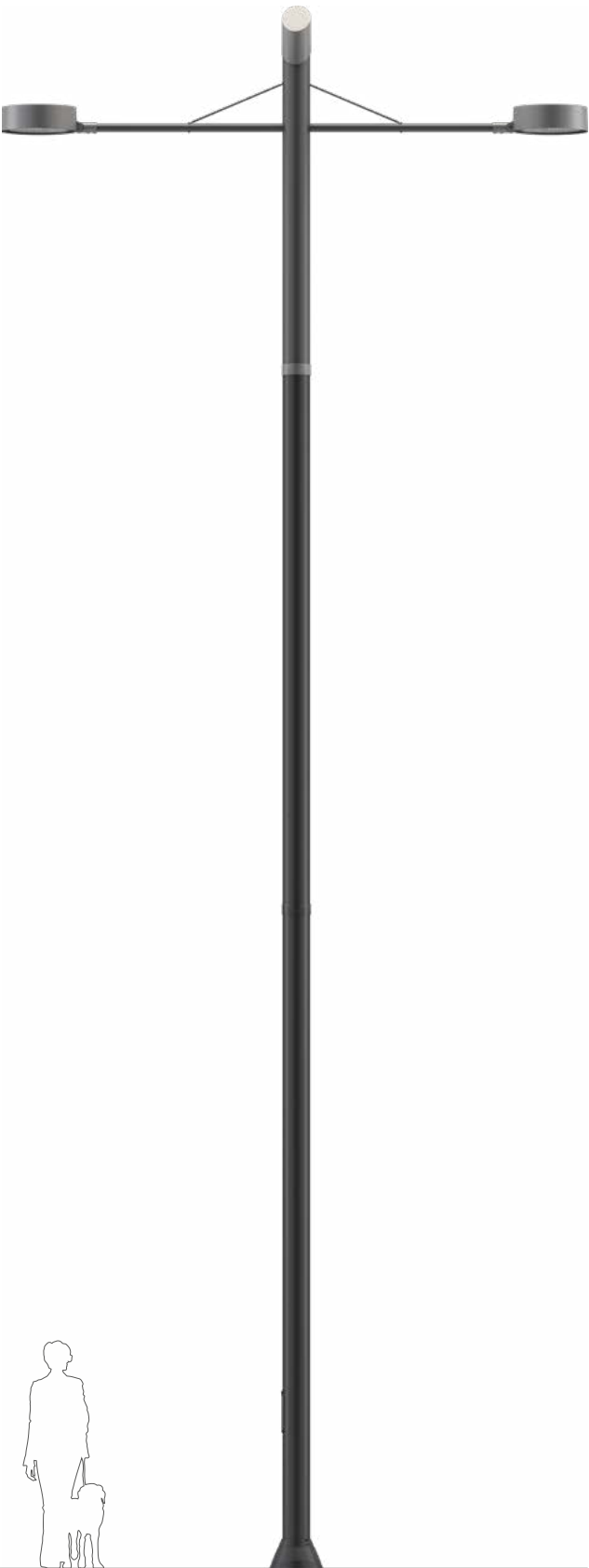
Specifications	
Luminaire height	10.5 m
Total height	10.6 m
Luminaire	
Aire® 5 Series	Page 178
Arm	
DMH-40	Page 394
Column	
Atlas Plus	Page 468

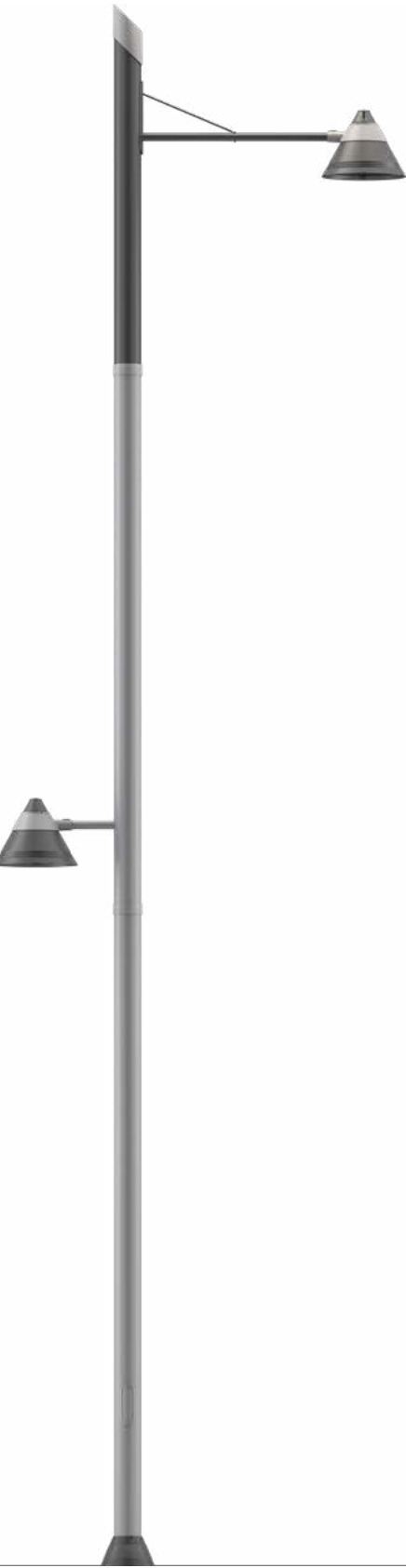
Suggested luminaires



Cónica OPH Page 254

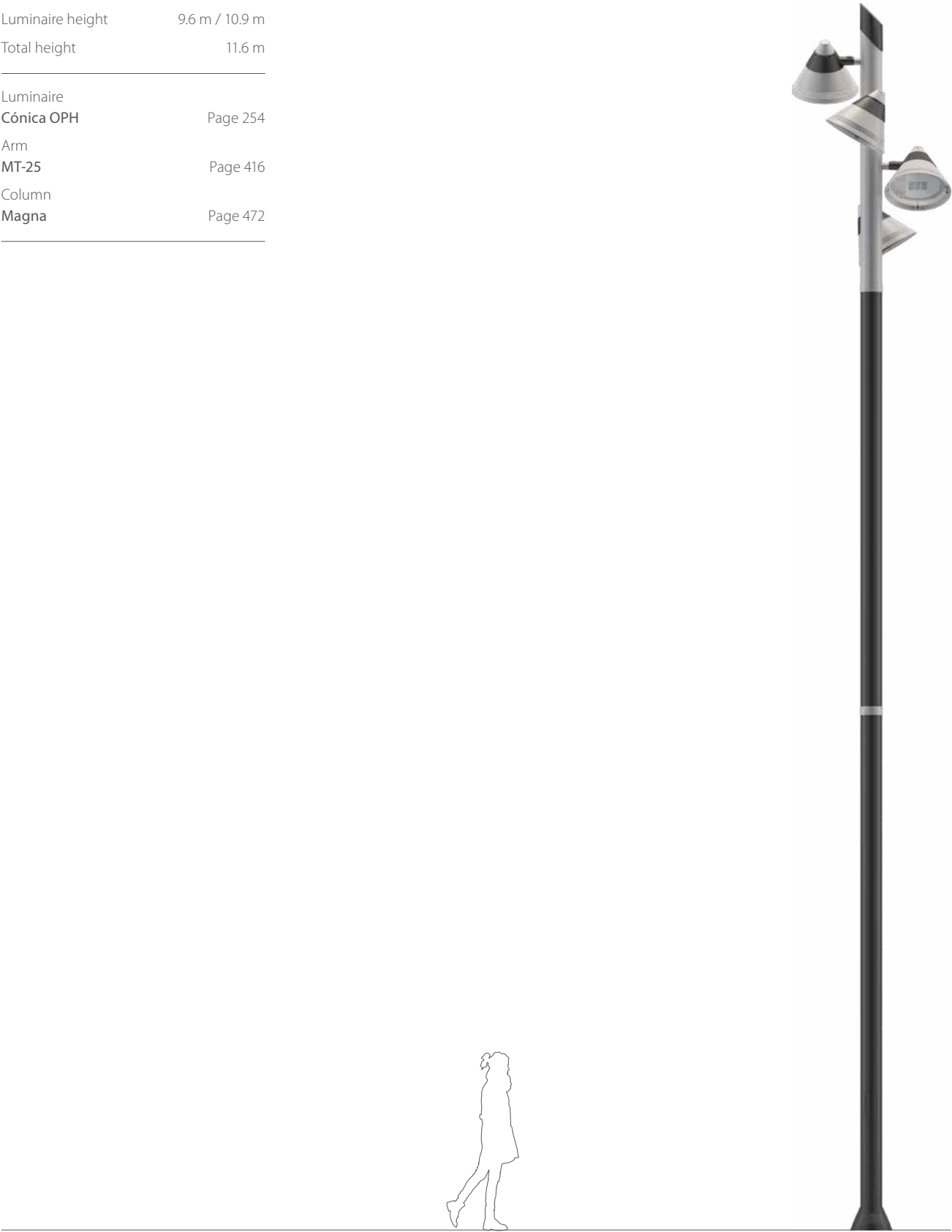
Specifications	
Luminaire height	10,8 m
Total height	11,5 m
Luminaire	
Croma P	Page 264
Arm	
MO-115	Page 426
Column	
Magna	Page 472





Specifications	
Luminaire height	5.4 m / 10.5 m
Total height	11.5 m
Luminaire	
Cónica OPH	Page 254
Arm	
MO-115	Page 426
Column	
Magna	Page 472

Specifications	
Luminaire height	9.6 m / 10.9 m
Total height	11.6 m
Luminaire	
Cónica OPH	Page 254
Arm	
MT-25	Page 416
Column	
Magna	Page 472





Specifications	
Luminaire height	12.1 m
Total height	13.1 m
Luminaire	
Metrópolis LBP	Page 314
Arm	
BM-60	Page 421
Column	
Atlas Plus	Page 468

Suggested luminaires



Aire® 5 Series Page 178



Specifications	
Luminaire height	12.2 m
Total height	12.3 m
Luminaire	
Orión	Page 338
Column	
Atlas Plus	Page 468

Suggested luminaires



Aire® 7 Series Page 179





Specifications

Luminaire height	12.2 m
Total height	12.3 m

Luminaire	
Orión	Page 338
Arm	
BP-100	Page 407
Column	
Coliseo Plus	Page 470

Suggested luminaires



Aire® 3 Series floodlight Page 348

Specifications

Luminaire height	12.3 m
Total height	13.3 m

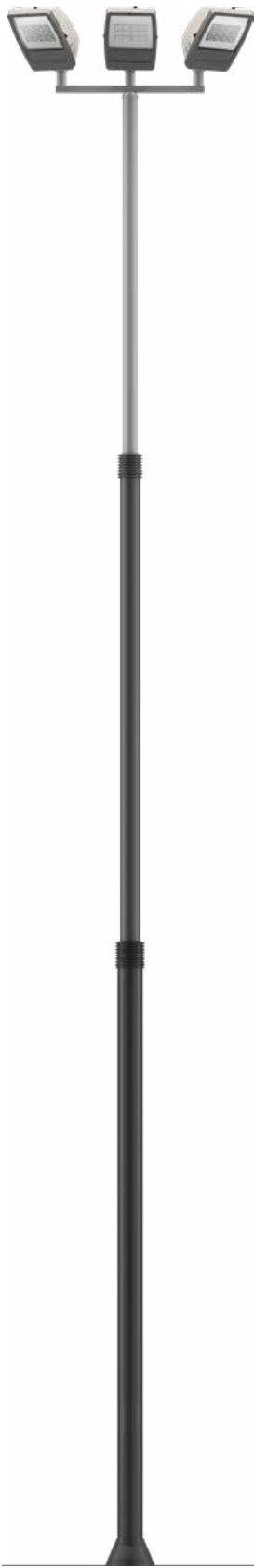
Luminaire	
Orión	Page 338
Arm	
BD-120	Page 420
Column	
Coliseo Plus	Page 470

Suggested luminaires



Aire® 5 Series Page 178





Specifications

Luminaire height	12.6 m
Total height	12.8 m

Luminaire	
Orión	Page 338
Arm	
BP-150	Page 408
Column	
Coliseo Plus	Page 470

Suggested luminaires



Aire® 5 Series floodlight Page 348



Assembly 9.5 (page 145)





Immune to corrosion



Totally hermetic



Beyond vandal proof



Class II+ anti-electrocution



Comfort Diffuser®



Laminar Heatsink®



Immune to overvoltages



LUMINAIRES



KitLED®



KitLED® S
Transparent 170



KitLED® S
Comfort 170



KitLED® M
Transparent 171



KitLED® M
Comfort 171

Aire®



Aire® Serie 3 178



Aire® Serie 5 178



Aire® Serie 7 179



Aire® Custom 180

Alfa



Alfa 1A 188



Alfa 2A 188



Alfa 5A 189



Alfa 8A 189



Alfa 1S 190



Alfa 2S 190



Alfa 5S 191

Circular Classics



Malaki XLA 202



Malaki XLTA 202



Malaki XLTA2 203



Malaki XLS 206



Malaki XLTS 207



Plaza XLA 203



Plaza XLTA 204



Plaza XLTA2 204



Plaza XLS 207



Plaza XLTS 208



Siglo XLA 205



Siglo XLTA 205



Siglo XLTA2 206



Siglo XLS 208



Siglo XLTS 209

Square Classics



Villa XLA 218



Villa XLTA 218



Villa XLTA2 219



Villa XLS 221



Villa XLTS 221



Villa Royal
XLA 219



Villa Royal
XLTA 220



Villa Royal
XLTA2 220

Hexagonal Classics



Cisne A 232



Góndola A 232



Litoral A 233



Palacio A 233



Real A 234



Ronda A 234



Cisne S 235



Góndola S 235



Litoral S 236



Palacio S 236



Real S 237



Ronda S 237

Urania



Urania A 244

Cónica



Cónica TLA 252



Cónica TLH 252



Cónica TLS 253



Cónica OLH 253



Cónica OLS 254



Cónica OPH 254



Cónica OPS 255

Croma



Croma P 264



Croma LC 264

Enur



Enur P 272



Enur L 272



Enur Micro 273

Evolución



Evolución P 280



Evolución LC 280



Evolución 2 P 281



Evolución 2 LC 281

Funcional



Alameda A 292



Astral A 292



Europa A 293



Europa LA 293



Globo A 294



Libra A 294



Paseo A 295



Pescador A 295



Pescador LA 296



Alameda S 296



Astral S 297



Europa S 297



Europa LS 298



Globo S 298



Libra S 299



Paseo S 299



Pescador S 300



Pescador LS 300



Alameda I 301



Astral I 301



Astral LI 302



Astral BLCI 302



Globo I 303



Globo LI 303

Metrópolis



Metrópolis LP 314



Metrópolis LBP 314



Metrópolis LBLC 315



Metrópolis LLC 315



Metrópolis EP 316



Metrópolis EBP 316



Metrópolis EBLC 317



Metrópolis ELC 317

Metrópolis Color



Metrópolis LP Color 328



Metrópolis LBP Color 328



Metrópolis LBLC Color 329



Metrópolis LLC Color 329



Metrópolis EP Color 330



Metrópolis EBLC Color 331



Metrópolis EBP Color 330



Metrópolis ELC Color 331

Orión



Orión 338

Aire® floodlight



Aire® 3 Series floodlight 348



Aire® 5 Series floodlight 348



Aire® 7 Series floodlight 349

E Series floodlight



S Model Transparent 354



S Model Comfort 354



M Model Transparent 355



M Model Comfort 355

Venus



Venus TLA 360



Venus 2TLA 360



Venus TLS 362



Venus OLS 361



Venus OPS 361



Venus 2TLS 362



Venus 2OLS 363



Venus 2OPS 363

Luminaire: **KitLED® M Transparent** (page 171) in historical Munich-type luminaires



KitLED®



reddot winner
lighting design



KitLED® S Transparent 170



KitLED® S Comfort 170

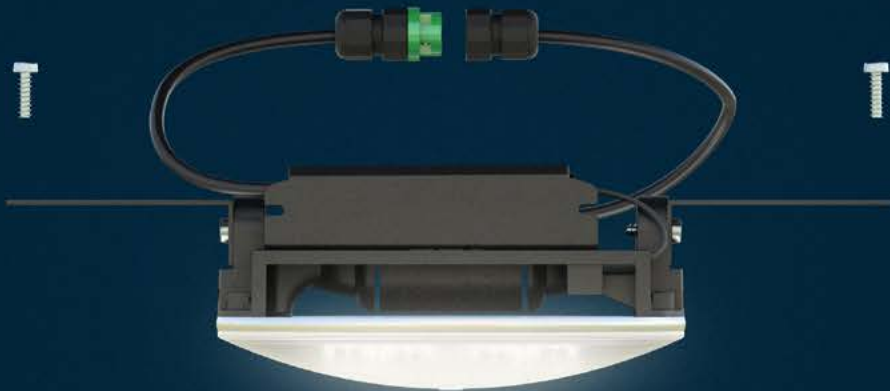


KitLED® M Transparent 171



KitLED® M Comfort 171

Luminaires: **KitLED®** on Luminaire of different manufacturer



reddot winner
lighting design

KitLED® S Transparent



Width 198 mm
Height 95 mm
Length 198 mm

Specifications

Maximum recommended height	8 m
Weight	1.3 kg
Wind surface	305 cm ²
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
ULOR	0.63 %
Luminous efficacy	131 lm/W

Power Page 172

LED34

Optics Page 172

A4 A5 A7 A12 S2

Colour temperatures Page 371

PC AMBER 1800 2200 2700 3000

KitLED® S Comfort



Width 198 mm
Height 95 mm
Length 198 mm

Specifications

Maximum recommended height	8 m
Weight	1.3 kg
Wind surface	305 cm ²
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
ULOR	2.13 %
Luminous efficacy	127 lm/W

Power Page 172

LED34

Optics Page 172

A4 A5 A7 A12 S2

Colour temperatures Page 371

PC AMBER 1800 2200 2700 3000

Specifications

Maximum recommended height	8 m
Weight	2.5 kg
Wind surface	620 cm ²
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
ULOR	1.51 %
Luminous efficacy	128 lm/W

Power Page 172

LED35 LED55 LED75

Optics Page 172

A4 A5 A7 A12 S2

Colour temperatures Page 371

PC AMBER 1800 2200 2700 3000

KitLED® M Transparent



Width 281 mm
Height 105 mm
Length 281 mm

KitLED® M Comfort



Width 281 mm
Height 105 mm
Length 281 mm

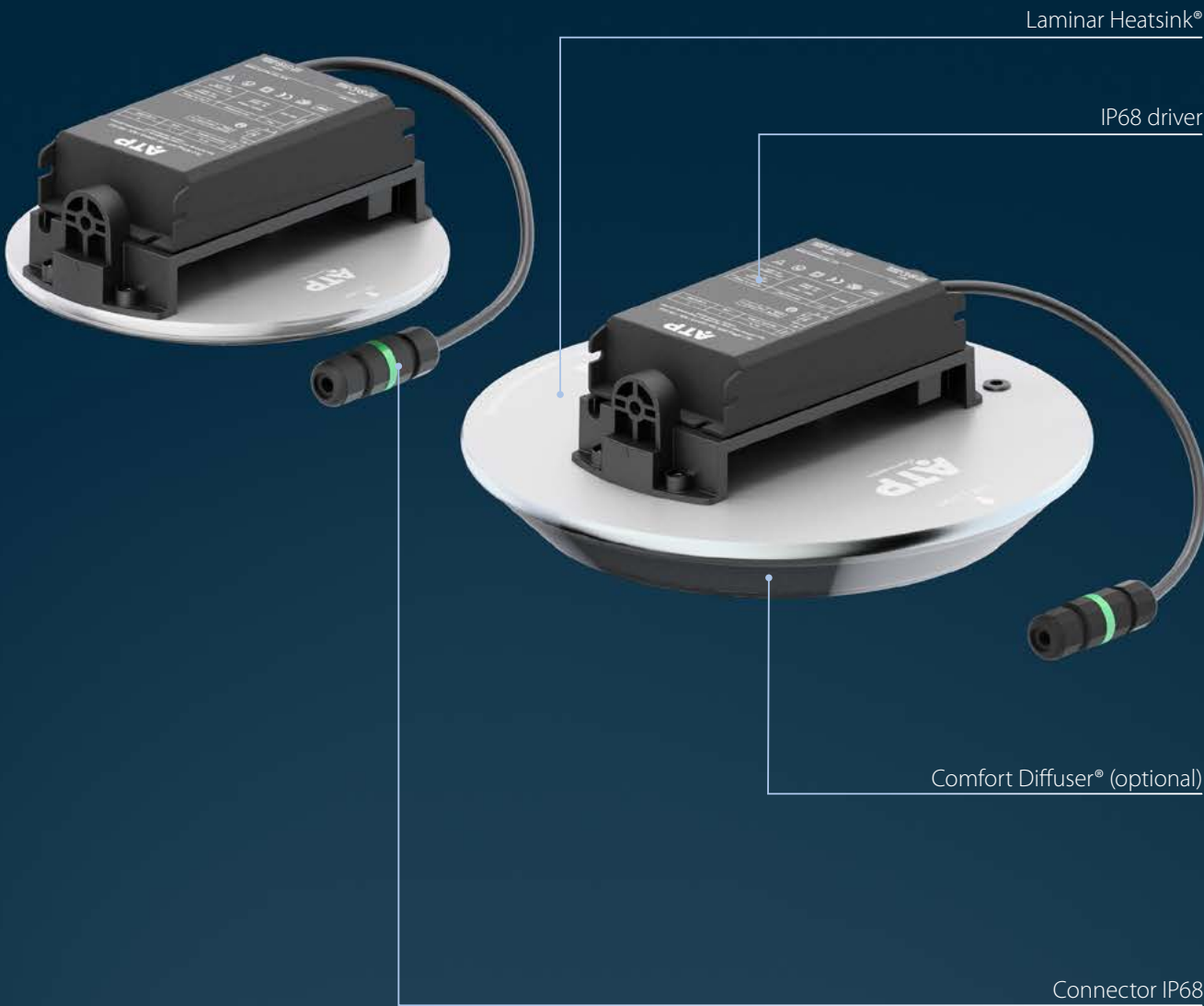
Available optics

					
Denomination	Wide asymmetric	Asymmetric	Long asymmetric	Staggered	Square symmetric
LED34	35 W / 5050 lm	35 W / 5021 lm	35 W / 4870 lm	35 W / 5008 lm	35 W / 5067 lm
LED35	38 W / 5665 lm	38 W / 5633 lm	38 W / 5463 lm	38 W / 5618 lm	38 W / 5684 lm
LED55	53 W / 7575 lm	53 W / 7531 lm	53 W / 7305 lm	53 W / 7511 lm	53 W / 7599 lm
LED75	75 W / 9917 lm	75 W / 9861 lm	75 W / 9564 lm	75 W / 9834 lm	75 W / 9950 lm

Technical characteristics

- LED module installed in Laminar Heatsink® (patented heat dissipation system).
- Programmable electronic driver with protection against electrostatic discharges (ESD).
- Kit electrical insulation level: Class II in accordance with Standard IEC 60598.
- High-impact tropicalized technopolymer, transparent/Comfort®, stabilised against UV rays.
- Degree of protection of the entire housing, including the optical assembly: IP66 in accordance with IEC 60598.
- Connection system using an IP68 hermetic connector, in accordance with EN 60998.
- Screws with ZN NI treatment, 8-15 microns sealing.
- Photometric information in American (IES) or European (LDT) electronic format of the KitLED® integrated in existing luminaires.
- Standard colour temperatures available:
 - 1800 K | 2200 K | 2700 K | 3000 K | 4000 K | PC Amber.
 - Colour Rendering Index (CRI) >70 (except PC Amber).
- High power LED light source. Useful life of installed KitLED®: 100,000 hours operating at an average ambient temperature of 25 °C.
- Operating temperature range: -30 °C to 35 °C.
- Useful life of LED module: L90B10 (LED life expectancy with flux depreciation less than 10% and maximum 10% deteriorated LEDs) >100,000 hours at 25 °C ambient temperature with LED currents of 700 mA or less.
- Real luminous efficacy considering the flux emitted by the kit's LED module and its total consumption: 125 lm/W (model LED55 A5 at 700 mA).
- Nominal input voltage range: 220~240 VAC.
- Line frequency: 50/60 Hz. Power factor: ≥0.95 (at 230 VAC). THD (at 230 VAC) <10%.
- LED current: constant current.
- Programmable electronic driver.
- Dynamic regulation system throughout the night with the possibility of configuring up to five (5) power levels.
- Power factor maintenance above 0.9 when regulated at 60% (at 220 VAC). ENEC certified electronic driver.
- Protection against overvoltages of 6 kV/3 kA in accordance with Standard IEEE C62.41.2.
- Manufacturing Certificate of Compliance ISO 9001, ISO 14001, and ISO 45001.

Luminaire: **KitLED® S Comfort** (page 170) | Luminaire: **KitLED® M Comfort** (page 171)



reddot winner
lighting design

Luminaire: **Aire® 5 Series** (page 178) | Arm: **FV-80** (page 399) | Column: **Atlas Plus** (page 468)



AIRE®





Aire® 3 Series 178



Aire® 5 Series 178



Aire® 5 Series 178



Aire® Custom Flor 180



Aire® Custom Sol 180



Aire® Custom Estrella 181



Aire® Custom Hexágono 181



LUMINAIRES



Luminaria: Aire® 3 Series (pág. 178)

Aire® 3 Series



Width 330 mm
Height 130 mm
Length 350 mm

Specifications

Maximum recommended height	8 m
Weight	8 kg
Wind surface	870 cm ²
Coupling	60 / 50 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	1.51 %
ULOR Comfort Diffuser®	2.42 %

Power Page 311

LED25 LED35 LED55

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 311

PC AMBER 1800 2200 2700 3000

Standard colours Page 369



Aire® 5 Series



Width 330 mm
Height 130 mm
Length 520 mm

Specifications

Maximum recommended height	12 m
Weight	9.3 kg
Wind surface	1420 cm ²
Coupling	60 / 50 mm
Possibility to install photocell	No
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	No
ULOR Transparent Diffuser	1.12 %
ULOR Comfort Diffuser®	-

Power Page 311

LED80 LED95

Optics Page 372

A4 A5 A7 A12 S2

Colour temperatures Page 311

PC AMBER 1800 2200 2700 3000

Standard colours Page 369



Specifications

Maximum recommended height	14 m
Weight	11 kg
Wind surface	2250 cm ²
Coupling	60 / 50 mm
Possibility to install photocell	No
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	No
ULOR Transparent Diffuser	0.96 %
ULOR Comfort Diffuser®	-

Power Page 311

LED125 LED150 LED200

Optics Page 372

A4 A5 A7 A12 S2

Colour temperatures Page 311

PC AMBER 2200 K 2700 K 3000 K 4000 K

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Aire® 7 Series



Width 330 mm
Height 130 mm
Length 770 mm



Aire® Custom Flor



Width 475 mm
Height 130 mm
Length 460 mm

Specifications

Maximum recommended height	8 m
Weight	8 kg
Wind surface	870 cm ²
Coupling	60 / 50 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	1.51 %
ULOR Comfort Diffuser®	2.42 %

Power Page 311

LED25 LED35 LED55

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 311

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Standard colours Page 369



Aire® Custom Sol



Width 390 mm
Height 130 mm
Length 390 mm

Specifications

Maximum recommended height	8 m
Weight	8 kg
Wind surface	870 cm ²
Coupling	60 / 50 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	1.51 %
ULOR Comfort Diffuser®	2.42 %

Power Page 311

LED25 LED35 LED55

Optics Page 372

A4 A5 A7 A9 A12 S2

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Specifications

Maximum recommended height	8 m
Weight	8 kg
Wind surface	870 cm ²
Coupling	60 / 50 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	1.51 %
ULOR Comfort Diffuser®	2.42 %

Power Page 311

LED25 LED35 LED55

Optics Page 372

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Aire® Custom Estrella



Width 550 mm
Height 130 mm
Length 570 mm

Aire® Custom Sol



Width 390 mm
Height 130 mm
Length 390 mm

Specifications

Maximum recommended height	8 m
Weight	8 kg
Wind surface	870 cm ²
Coupling	60 / 50 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	1.51 %
ULOR Comfort Diffuser®	2.42 %

Power Page 311

LED25 LED35 LED55

Optics Page 372

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Colour temperatures Page 311

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Specifications

Maximum recommended height	8 m
Weight	8 kg
Wind surface	870 cm ²
Coupling	60 / 50 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	1.51 %
ULOR Comfort Diffuser®	2.42 %

Power Page 311

LED25 LED35 LED55

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 311

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Aire® Custom Hexágono



Width 370 mm
Height 130 mm
Length 350 mm



*Other customized designs available on demand.

BF-8 horizontal adapter

Accessory to arrange the luminaire horizontally (luminaire coupling diameter: 50 mm).



Fuse holder accessory

Fuse holder housing. Increases protection against vandalism and facilitates maintenance on columns without an access door. Available upon request.



BR-8 Gear type inclinable adaptor

Ball joint that enables inclination of the luminaire, adjustable at intervals of five (5) degrees (luminaire coupling diameter: 50 mm).



Dusk sensor

Accessory that responds to the changes of ambient light by turning the luminaire on or off.





ALFA

Luminarie: **Alfa 5A** (page 189) | Column: **Coliseo** (page 447)



Alfa 1A 188



Alfa 2A 188



Alfa 5A 189



Alfa 8A 189



Alfa 1S 190



Alfa 2S 190



Alfa 5S 191



Luminaria: Alfa 8A (page 189)

Alfa 1A



Width 700 mm
Height 680 mm
Length 700 mm

Specifications

Maximum recommended height	5 m
Weight	7,0 kg
Wind surface	1620 cm ²
Coupling	60 mm
Possibility to install photocell	Sí
Insulation class	Clase II
Comprehensive warranty	10 años
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Sí
Transparent Diffuser	No
Comfort Diffuser®	Sí
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	0,29 %

Power Page 371

LED34

Optics Page 372

A4 A5 A7 A12 S2

Colour temperatures Page 369

PC AMBER 1800 2200 2700 3000

Standard colours Page 369



Specifications

Maximum recommended height	5 m
Weight	6,9 kg
Wind surface	1400 cm ²
Coupling	60 mm
Possibility to install photocell	Sí
Insulation class	Clase II
Comprehensive warranty	10 años
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Sí
Transparent Diffuser	No
Comfort Diffuser®	Sí
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	2,18 %

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LED34

Optics Page 372

A4 A5 A7 A12 S2

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Alfa 5A



Width 600 mm
Height 680 mm
Length 600 mm

Alfa 2A



Width 205 mm
Height 675 mm
Length 205 mm

Specifications

Maximum recommended height	5 m
Weight	4,1 kg
Wind surface	1225 cm ²
Coupling	60 mm
Possibility to install photocell	Sí
Insulation class	Clase II
Comprehensive warranty	10 años
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Sí
Transparent Diffuser	No
Comfort Diffuser®	Sí
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	4,63 %

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LED34

Optics Page 372

A4 A5 A7 A12 S2

Colour temperatures Page 369

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Specifications

Maximum recommended height	5 m
Weight	7,1 kg
Wind surface	1815 cm ²
Coupling	60 mm
Possibility to install photocell	Sí
Insulation class	Clase II
Comprehensive warranty	10 años
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Sí
Transparent Diffuser	No
Comfort Diffuser®	Sí
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	0,30 %

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LED34

Optics Page 372

A4 A5 A7 A12 S2

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Alfa 8A



Width 700 mm
Height 680 mm
Length 700 mm



Alfa 1S



Width 700 mm
Height 675 mm
Length 700 mm

Specifications

Maximum recommended height	5 m
Weight	7,0 kg
Wind surface	1620 cm ²
Coupling	60 mm
Possibility to install photocell	Sí
Insulation class	Clase II
Comprehensive warranty	10 años
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Sí
Transparent Diffuser	No
Comfort Diffuser®	Sí
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	1,37 %

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LED34

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Alfa 2S



Width 205 mm
Height 675 mm
Length 205 mm

Specifications

Maximum recommended height	5 m
Weight	4,1 kg
Wind surface	1225 cm ²
Coupling	60 mm
Possibility to install photocell	Sí
Insulation class	Clase II
Comprehensive warranty	10 años
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Sí
Transparent Diffuser	No
Comfort Diffuser®	Sí
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	2,29 %

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LED34

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A4 A5 A7 A12 S2

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Specifications

Maximum recommended height	5 m
Weight	6,9 kg
Wind surface	1400 cm ²
Coupling	60 mm
Possibility to install photocell	Sí
Insulation class	Clase II
Comprehensive warranty	10 años
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Sí
Transparent Diffuser	No
Comfort Diffuser®	Sí
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	1,44 %

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LED34

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Alfa 5S



Width 600 mm
Height 675 mm
Length 600 mm



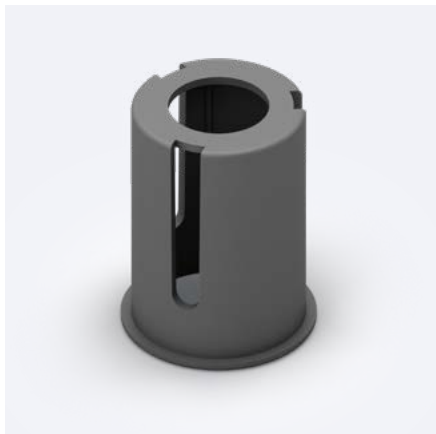
Motion sensor

Maintains 10% light intensity, which increases to 100% when motion is detected. For a maximum height of three meters.



Adapter Ø 60 mm to Ø 50 mm

Accessory to adapt the luminaire to supports with an external diameter of 50 mm.



Dusk sensor

Accessory that responds to the changes of ambient light by turning the luminaire on or off.



Adapter Ø 60 mm to Ø 75/76 mm

Accessory to adapt the luminaire to supports with an external diameter of 75 or 76 mm.



Built-in bird spike

Passive protector to prevent birds landing and soiling the luminaire.



Cast-iron support adapter

Accessory to adapt the luminaire to any cast-iron support with 3/4 " screw coupling.



Base for supported
luminaires

Accessory to place the luminaire on walls or pilasters.



Chain adapter

Accessory to suspend the luminaire using a chain. Includes eyebolt and chain of 500 mm. Additional custom lengths available.



Ceiling adapter

Accessory to suspend the luminaire from flat ceilings. Prevents swinging.



Catenary adapter

Accessory to suspend the luminaire using catenary.



Ceiling adapter (one metre)

Accessory to suspend the luminaire from flat ceilings. Prevents swinging. One metre standard length. Additional custom sizes available.





CIRCULAR CLASSICS

Luminaire: **Siglo XLA** (page 205) | Column: **Avenida** (page 456)



Malaki XLA 202



Malaki XLTA 202



Malaki XLTA2 203



Plaza XLA 203



Plaza XLTA 204



Plaza XLTA2 204



Siglo XLA 205



Siglo XLTA 205



Siglo XLTA2 206



Luminaire: **Siglo XLA** (page 205)



Malaki XLS 206



Malaki XLTS 207



Plaza XLS 207



Plaza XLTS 208



Siglo XLS 208



Siglo XLTS 209



Cover

Ornaments

Comfort Diffuser®

LUMINAIRES

Luminaire: **Siglo XLTS** (page 209)

Malaki XLA



Width 460 mm
Height 995 mm
Length 460 mm

Specifications

Maximum recommended height	8 m
Weight	8.5 kg
Wind surface	2560 cm ²
Coupling	50 / 60 / 75 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.8 %
ULOR Comfort Diffuser®	1.52 %

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LED15 LED25 LED35 LED55 LED75 LED100

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Malaki XLTA



Width 460 mm
Height 995 mm
Length 460 mm

Specifications

Maximum recommended height	8 m
Weight	8.5 kg
Wind surface	2560 cm ²
Coupling	50 / 60 / 75 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.76 %
ULOR Comfort Diffuser®	2.62 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

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Specifications

Maximum recommended height	8 m
Weight	8.5 kg
Wind surface	2560 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	1.22 %
ULOR Comfort Diffuser®	2.19 %

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LED15 LED25 LED35 LED55 LED75 LED100

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Malaki XLTA2



Width 460 mm
Height 1020 mm
Length 460 mm

Malaki XLTA



Width 460 mm
Height 995 mm
Length 460 mm

Specifications

Maximum recommended height	8 m
Weight	8.5 kg
Wind surface	2560 cm ²
Coupling	50 / 60 / 75 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.76 %
ULOR Comfort Diffuser®	2.62 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

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Specifications

Maximum recommended height	8 m
Weight	8.2 kg
Wind surface	2560 cm ²
Coupling	50 / 60 / 75 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.8 %
ULOR Comfort Diffuser®	1.52 %

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LED15 LED25 LED35 LED55 LED75 LED100

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Plaza XLA



Width 460 mm
Height 945 mm
Length 460 mm

Plaza XLTA



Width 460 mm
Height 945 mm
Length 460 mm

Specifications

Maximum recommended height	8 m
Weight	8.2 kg
Wind surface	2560 cm ²
Coupling	50 / 60 / 75 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.76 %
ULOR Comfort Diffuser®	2.62 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

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Plaza XLTA2



Width 460 mm
Height 960 mm
Length 460 mm

Specifications

Maximum recommended height	8 m
Weight	8.2 kg
Wind surface	2560 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	1.22 %
ULOR Comfort Diffuser®	2.19 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

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Colour temperatures Page 371

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Specifications

Maximum recommended height	8 m
Weight	8.6 kg
Wind surface	2560 cm ²
Coupling	50 / 60 / 75 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.8 %
ULOR Comfort Diffuser®	1.52 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

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Siglo XLA



Width 490 mm
Height 930 mm
Length 490 mm

Plaza XLTA2



Width 460 mm
Height 960 mm
Length 460 mm

Specifications

Maximum recommended height	8 m
Weight	8.2 kg
Wind surface	2560 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	1.22 %
ULOR Comfort Diffuser®	2.19 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

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Specifications

Maximum recommended height	8 m
Weight	8.6 kg
Wind surface	2560 cm ²
Coupling	50 / 60 / 75 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.76 %
ULOR Comfort Diffuser®	2.62 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

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Siglo XLTA



Width 490 mm
Height 930 mm
Length 490 mm

Siglo XLTA2



Width 490 mm
Height 960 mm
Length 490 mm

Specifications	
Maximum recommended height	8 m
Weight	8.6 kg
Wind surface	2560 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	1.22 %
ULOR Comfort Diffuser®	2.19 %

Power	Page 371
LED15 LED25 LED35 LED55 LED75 LED100	

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Colour temperatures	Page 371
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Specifications	
Maximum recommended height	8 m
Weight	8.5 kg
Wind surface	2560 cm ²
Coupling	-
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.76 %
ULOR Comfort Diffuser®	2.62 %

Power	Page 371
LED15 LED25 LED35 LED55 LED75 LED100	

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Colour temperatures	Page 371
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Malaki XLTS



Width 460 mm
Height 975 mm
Length 460 mm

Malaki XLS



Width 460 mm
Height 975 mm
Length 460 mm

Specifications	
Maximum recommended height	8 m
Weight	8.5 kg
Wind surface	2560 cm ²
Coupling	-
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.8 %
ULOR Comfort Diffuser®	1.52 %

Power	Page 371
LED15 LED25 LED35 LED55 LED75 LED100	

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Colour temperatures	Page 371
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Specifications	
Maximum recommended height	8 m
Weight	8.2 kg
Wind surface	2560 cm ²
Coupling	-
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.8 %
ULOR Comfort Diffuser®	1.52 %

Power	Page 371
LED15 LED25 LED35 LED55 LED75 LED100	

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Plaza XLS



Width 460 mm
Height 965 mm
Length 460 mm



Plaza XLTS



Width 460 mm
Height 965 mm
Length 460 mm

Specifications

Maximum recommended height	8 m
Weight	8.2 kg
Wind surface	2560 cm ²
Coupling	-
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.76 %
ULOR Comfort Diffuser®	2.62 %

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LED15 LED25 LED35 LED55 LED75 LED100

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Siglo XLS



Width 490 mm
Height 970 mm
Length 490 mm

Specifications

Maximum recommended height	8 m
Weight	8.6 kg
Wind surface	2560 cm ²
Coupling	-
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.8 %
ULOR Comfort Diffuser®	1.52 %

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LED15 LED25 LED35 LED55 LED75 LED100

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Specifications

Maximum recommended height	8 m
Weight	8.6 kg
Wind surface	2560 cm ²
Coupling	-
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.76 %
ULOR Comfort Diffuser®	2.62 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

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Siglo XLTS

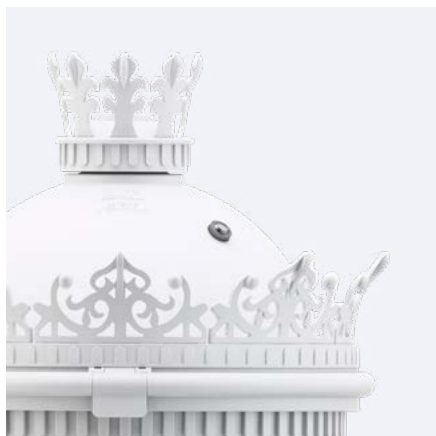


Width 490 mm
Height 970 mm
Length 490 mm



Dusk sensor

Accessory that responds to the changes of ambient light by turning the luminaire on or off.



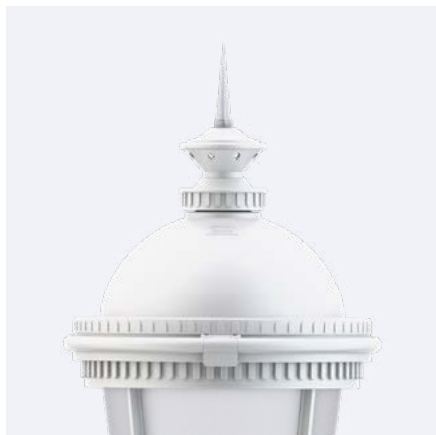
Cast-iron support adapter

Accessory to adapt the luminaire to any cast-iron support with 3/4 " screw coupling.



Built-in bird spike

Passive protector to prevent birds landing and soiling the luminaire.



Base for supported luminaires

Accessory to place the luminaire on walls or pilasters.



Adapter for Ø 50 mm, Ø 60 mm, and Ø 75 mm

Accessory to mount the street lamp on any cylindrical column model in accordance with its diameter. Available for models Litoral, Cisne, Palacio, Gondola, Real, Villa, Siglo, Ronda, Plaza, and Malaki.



Ceiling adapter (one metre)

Accessory to suspend the luminaire from flat ceilings. Prevents swinging. One metre standard length. Additional custom sizes available.



Chain adapter

Accessory to suspend the luminaire using a chain.



Catenary adapter

Accessory to suspend the luminaire using catenary.



Ceiling adapter

Accessory to suspend the luminaire from flat ceilings. Prevents swinging.



Zhaga and Nema connectors

Standard connector for Zhaga and Nema devices. Enables connection of remote management nodes and dusk, pollution, and motion sensors, depending on the luminaire. They comply with the requirements of book 18 of the Zhaga Consortium and with the ANSI C136.41 Standard, respectively.





SQUARE CLASSICS

Luminaire: **Villa XLA** (page 218) | Column: **Colonial** (page 458)



Villa XLA 218



Villa XLTA 218



Villa XLTA2 219



Villa Royal XLA 219



Villa Royal XLTA 220



Villa Royal XLTA2 220



Villa XLS 221



Villa XLTS 221



LUMINAIRES

Luminaire: Villa XLA (page 218)

Villa XLA



Width 430 mm
Height 800 mm
Length 430 mm

Specifications

Maximum recommended height	8 m
Weight	6.7 kg
Wind surface	1780 cm ²
Coupling	50 / 60 / 75 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.85 %
ULOR Comfort Diffuser®	2.13 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

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Villa XLTA



Width 430 mm
Height 810 mm
Length 430 mm

Specifications

Maximum recommended height	8 m
Weight	6.7 kg
Wind surface	1780 cm ²
Coupling	50 / 60 / 75 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	1.55 %
ULOR Comfort Diffuser®	2.09 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

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Specifications

Maximum recommended height	8 m
Weight	6.7 kg
Wind surface	1780 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	1.49 %
ULOR Comfort Diffuser®	2.06 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

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Villa XLTA2



Width 430 mm
Height 800 mm
Length 430 mm

Villa Royal XLA



Width 430 mm
Height 810 mm
Length 430 mm

Villa Royal XLTA



Width 430 mm
Height 800 mm
Length 430 mm

Specifications	
Maximum recommended height	8 m
Weight	6.7 kg
Wind surface	1780 cm ²
Coupling	50 / 60 / 75 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	1.55 %
ULOR Comfort Diffuser®	2.09 %

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Specifications	
Maximum recommended height	8 m
Weight	6.7 kg
Wind surface	1780 cm ²
Coupling	-
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.85 %
ULOR Comfort Diffuser®	2.13 %

Power	Page 371
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Villa XLS



Width 430 mm
Height 830 mm
Length 430 mm

Villa Royal XLTA2



Width 430 mm
Height 835 mm
Length 430 mm

Specifications	
Maximum recommended height	8 m
Weight	6.7 kg
Wind surface	1780 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	1.49 %
ULOR Comfort Diffuser®	2.06 %

Power	Page 371
LED15 LED25 LED35 LED55 LED75 LED100	

Optics	Page 372
A4 A5 A7 A9 A12 S2	

Colour temperatures	Page 371
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Specifications	
Maximum recommended height	8 m
Weight	6.7 kg
Wind surface	1780 cm ²
Coupling	-
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	1.55 %
ULOR Comfort Diffuser®	2.09 %

Power	Page 371
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Optics	Page 372
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Standard colours	Page 369
   	

Villa XLTS



Width 430 mm
Height 830 mm
Length 430 mm



Dusk sensor

Accessory that responds to the changes of ambient light by turning the luminaire on or off.



Cast-iron support adapter

Accessory to adapt the luminaire to any cast-iron support with 3/4 " screw coupling.



Built-in bird spike

Passive protector to prevent birds landing and soiling the luminaire.



Base for supported luminaires

Accessory to place the luminaire on walls or pilasters.



Adapter for Ø 50 mm, Ø 60 mm, and Ø 75 mm

Accessory to mount the street lamp on any cylindrical column model in accordance with its diameter. Available for models Litoral, Cisne, Palacio, Gondola, Real, Villa, Siglo, Ronda, Plaza, and Malaki.



Ceiling adapter (one metre)

Accessory to suspend the luminaire from flat ceilings. Prevents swinging. One metre standard length. Additional custom sizes available.



Chain adapter

Accessory to suspend the luminaire using a chain.



Ceiling adapter

Accessory to suspend the luminaire from flat ceilings. Prevents swinging.



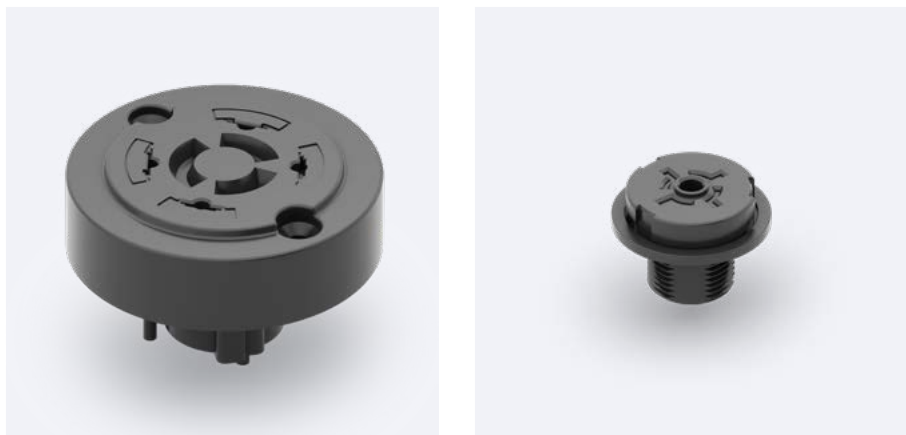
Catenary adapter

Accessory to suspend the luminaire using catenary.



Zhaga and Nema connectors

Standard connector for Zhaga and Nema devices. Enables connection of remote management nodes and dusk, pollution, and motion sensors, depending on the luminaire. They comply with the requirements of book 18 of the Zhaga Consortium and with the ANSI C136.41 Standard, respectively.





HEXAGONAL CLASSICS

LUMINAIRES

Luminaire: **Litoral A** (page 233) | Column: **Nova** (page 459)



Cisne A 232



Góndola A 232



Litoral A 233



Palacio A 233



Real A 234



Ronda A 234



LUMINAIRES

Luminaire: **Litoral A** (page 233)



Cisne S 235



Góndola S 235



Litoral S 236



Palacio S 236



Real S 237



Ronda S 237



LUMINAIRES

Luminaire: **Palacio S** (page 236)

Cisne A



Width 390 mm
Height 770 mm
Length 390 mm

Specifications

Maximum recommended height	8 m
Weight	5.8 kg
Wind surface	1650 cm ²
Coupling	50 / 60 / 75 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	2.78 %

Power Page 371

LED15 LED25 LED35 LED55

Optics Page 372

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Colour temperatures Page 371

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Specifications

Maximum recommended height	8 m
Weight	5.6 kg
Wind surface	1580 cm ²
Coupling	50 / 60 / 75 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	2.78 %

Power Page 371

LED15 LED25 LED35 LED55

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

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Litoral A



Width 390 mm
Height 770 mm
Length 390 mm

Góndola A



Width 390 mm
Height 685 mm
Length 390 mm

Specifications

Maximum recommended height	8 m
Weight	6.1 kg
Wind surface	1650 cm ²
Coupling	50 / 60 / 75 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	2.78 %

Power Page 371

LED15 LED25 LED35 LED55

Optics Page 372

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Colour temperatures Page 371

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Standard colours Page 369



Specifications

Maximum recommended height	8 m
Weight	6 kg
Wind surface	2300 cm ²
Coupling	50 / 60 / 75 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	2.78 %

Power Page 371

LED15 LED25 LED35 LED55

Optics Page 372

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Palacio A



Width 395 mm
Height 770 mm
Length 395 mm



Real A



Width 395 mm
Height 685 mm
Length 395 mm

Specifications

Maximum recommended height	8 m
Weight	6.3 kg
Wind surface	1580 cm ²
Coupling	50 / 60 / 75 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	2.78 %

Power Page 371

LED15 LED25 LED35 LED55

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

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Specifications

Maximum recommended height	8 m
Weight	5.8 kg
Wind surface	1650 cm ²
Coupling	-
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	2.78 %

Power Page 371

LED15 LED25 LED35 LED55

Optics Page 372

A4 A5 A7 A9 A12 S2

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Cisne S



Width 390 mm
Height 870 mm
Length 390 mm

Ronda A



Width 390 mm
Height 730 mm
Length 390 mm

Specifications

Maximum recommended height	8 m
Weight	5.7 kg
Wind surface	1650 cm ²
Coupling	50 / 60 / 75 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	2.78 %

Power Page 371

LED15 LED25 LED35 LED55

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

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Specifications

Maximum recommended height	8 m
Weight	6.1 kg
Wind surface	1650 cm ²
Coupling	-
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	2.78 %

Power Page 371

LED15 LED25 LED35 LED55

Optics Page 372

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Góndola S



Width 390 mm
Height 785 mm
Length 390 mm



Litoral S



Width 390 mm
Height 870 mm
Length 390 mm

Specifications

Maximum recommended height	8 m
Weight	5.6 kg
Wind surface	1580 cm ²
Coupling	-
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	2.78 %

Power Page 371

LED15 LED25 LED35 LED55

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

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Standard colours Page 369



Specifications

Maximum recommended height	8 m
Weight	6.3 kg
Wind surface	1580 cm ²
Coupling	-
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	2.78 %

Power Page 371

LED15 LED25 LED35 LED55

Optics Page 372

A4 A5 A7 A9 A12 S2

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Real S



Width 395 mm
Height 865 mm
Length 395 mm

Palacio S



Width 395 mm
Height 870 mm
Length 395 mm

Specifications

Maximum recommended height	8 m
Weight	6 kg
Wind surface	2300 cm ²
Coupling	-
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	2.78 %

Power Page 371

LED15 LED25 LED35 LED55

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

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Specifications

Maximum recommended height	8 m
Weight	5.7 kg
Wind surface	1650 cm ²
Coupling	-
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	2.78 %

Power Page 371

LED15 LED25 LED35 LED55

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

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Standard colours Page 369



Ronda S



Width 390 mm
Height 750 mm
Length 390 mm



Dusk sensor

Accessory that responds to the changes of ambient light by turning the luminaire on or off.



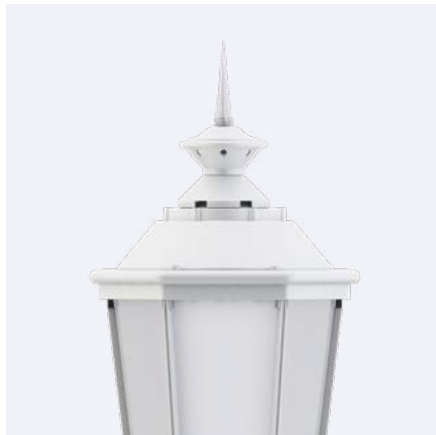
Cast-iron support adapter

Accessory to adapt the luminaire to any cast-iron support with 3/4 " screw coupling.



Built-in bird spike

Passive protector to prevent birds landing and soiling the luminaire.



Base for supported luminaires

Accessory to place the luminaire on walls or pilasters.



Adapter for Ø 50 mm, Ø 60 mm, and Ø 75 mm

Accessory to mount the street lamp on any cylindrical column model in accordance with its diameter. Available for models Litoral, Cisne, Palacio, Gondola, Real, Villa, Siglo, Ronda, Plaza, and Malaki.



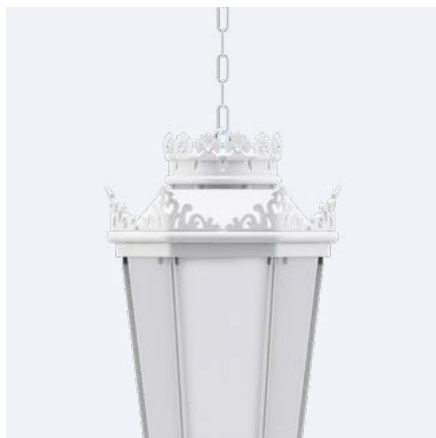
Ceiling adapter (one metre)

Accessory to suspend the luminaire from flat ceilings. Prevents swinging. One metre standard length. Additional custom sizes available.



Chain adapter

Accessory to suspend the luminaire using a chain.



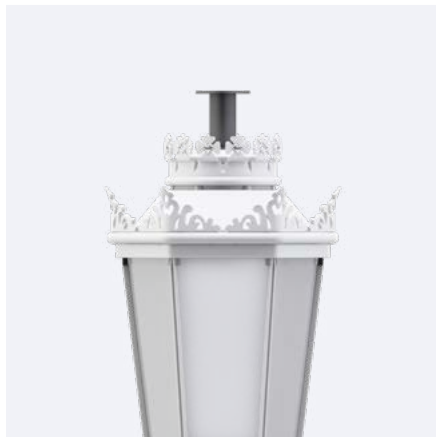
Catenary adapter

Accessory to suspend the luminaire using catenary.



Ceiling adapter

Accessory to suspend the luminaire from flat ceilings. Prevents swinging.



Zhaga and Nema connectors

Standard connector for Zhaga and Nema devices. Enables connection of remote management nodes and dusk, pollution, and motion sensors, depending on the luminaire. They comply with the requirements of book 18 of the Zhaga Consortium and with the ANSI C136.41 Standard, respectively.



Luminaire: **Urania A** (page 244) | Column: **Avenida Súper** (page 457)



URANIA

Urania A



Width 500 mm
Height 950 mm
Length 500 mm

Specifications

Maximum recommended height	8 m
Weight	6.5 kg
Wind surface	2500 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	3.62 %

Power Page 371

LED15 LED25 LED35 LED55 LED75

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

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Trim

Cover

Comfort Diffuser®

Class II housing

LUMINAIRES

**Adapter Ø 60 mm to
Ø 50 mm**

Accessory to adapt the luminaire to supports with an external diameter of 50 mm.



**Base for supported
luminaires**

Accessory to place the luminaire on walls or pilasters.



**Adapter Ø 60 mm to
Ø 75/76 mm**

Accessory to adapt the luminaire to supports with an external diameter of 75 or 76 mm.



Zhaga connector

Standard connector for Zhaga devices. Enables connection of remote management nodes and dusk, pollution, and motion sensors, depending on the luminaire. It complies with the requirements of book 18 of the Zhaga Consortium.



Cast-iron support adapter

Accessory to adapt the luminaire to any cast-iron support with 3/4" screw coupling.



Luminaire: **Cónica TLA** (page 252) | Column: **Coliseo** (page 447)

CÓNICA



Cónica TLA 252



Cónica TLH 252



Cónica TLS 253



Cónica OLH 253



Cónica OLS 254



Cónica OPH 254



Cónica OPS 255



LUMINAIRES

Cónica TLA



Width 633 mm
Height 570 mm
Length 633 mm

Specifications

Maximum recommended height	12 m
Weight	9.9 kg
Wind surface	1970 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	3.47 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

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Specifications

Maximum recommended height	12 m
Weight	9.9 kg
Wind surface	1970 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	3.08 %
ULOR Comfort Diffuser®	4.65 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

PC AMBER 1800 2200 2700 3000

Standard colours Page 369



Cónica TLS



Width 633 mm
Height 570 mm
Length 633 mm

Cónica TLH



Width 633 mm
Height 550 mm
Length 635 mm

Specifications

Maximum recommended height	12 m
Weight	11 kg
Wind surface	2070 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	3.08 %
ULOR Comfort Diffuser®	4.66 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

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Specifications

Maximum recommended height	12 m
Weight	11 kg
Wind surface	2070 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.04 %
ULOR Comfort Diffuser®	0.05 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

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Cónica OLH



Width 633 mm
Height 550 mm
Length 633 mm



Cónica OLS



Width 633 mm
Height 570 mm
Length 633 mm

Specifications

Maximum recommended height	12 m
Weight	9.9 kg
Wind surface	1970 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.04 %
ULOR Comfort Diffuser®	0.05 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

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Specifications

Maximum recommended height	12 m
Weight	9 kg
Wind surface	1800 cm ²
Coupling	60 mm
Possibility to install photocell	No
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	No
ULOR Transparent Diffuser	0 %
ULOR Comfort Diffuser®	-

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

PC AMBER 1800 2200 2700 3000

Standard colours Page 369



Cónica OPS



Width 633 mm
Height 520 mm
Length 633 mm

Cónica OPH



Width 633 mm
Height 500 mm
Length 633 mm

Specifications

Maximum recommended height	12 m
Weight	10.1 kg
Wind surface	1900 cm ²
Coupling	60 mm
Possibility to install photocell	No
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	No
ULOR Transparent Diffuser	0 %
ULOR Comfort Diffuser®	-

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

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Standard colours Page 369



Dusk sensor

Accessory that responds to the changes of ambient light by turning the luminaire on or off.



Adapter Ø 60 mm to Ø 75/76 mm

Accessory to adapt the luminaire to supports with an external diameter of 75 or 76 mm.



Adhesive bird spikes

Passive protector to prevent birds landing and soiling the luminaire. Self-adhesive base for easy installation on any surface. Box of 30 units.



Cast-iron support adapter

Accessory to adapt the luminaire to any cast-iron support with 3/4 " screw coupling.



Adapter Ø 60 mm to Ø 50 mm

Accessory to adapt the luminaire to supports with an external diameter of 50 mm.



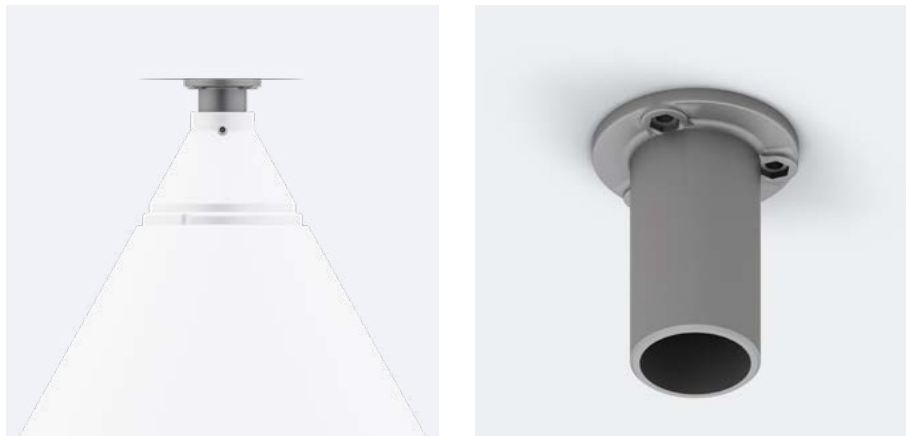
Base for supported luminaires

Accessory to place the luminaire on walls or pilasters.



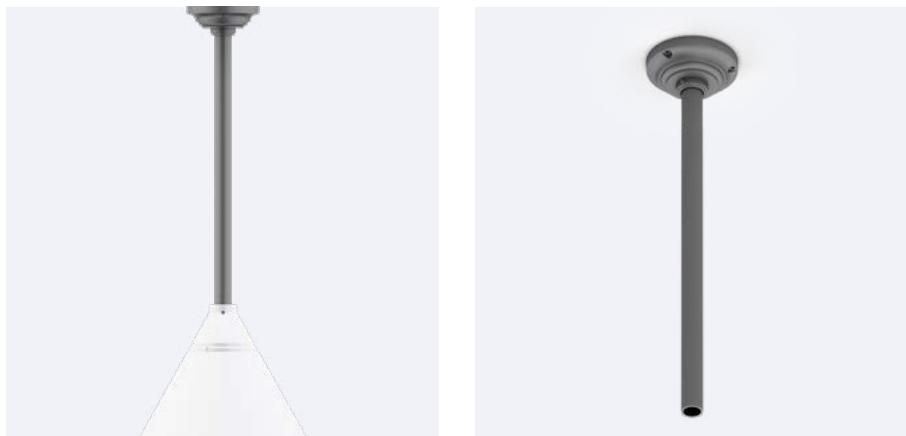
Ceiling adapter

Accessory to suspend the luminaire from flat ceilings. Prevents swinging.



Ceiling adapter (one metre)

Accessory to suspend the luminaire from flat ceilings. Prevents swinging. One metre standard length. Additional custom sizes available.



Chain adapter

Accessory to suspend the luminaire using a chain. Includes eyebolt and chain of 500 mm. Additional custom lengths available.



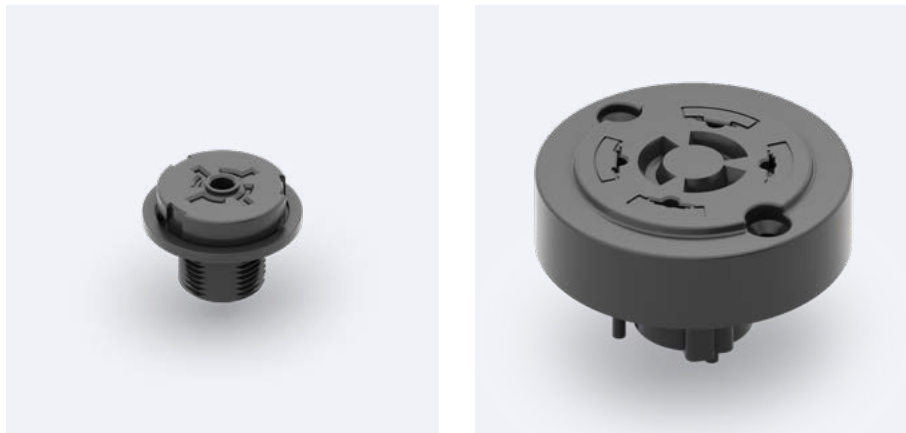
Catenary adapter

Accessory to suspend the luminaire using catenary.



Zhaga and Nema connectors

Standard connector for Zhaga and Nema devices. Enables connection of remote management nodes and dusk, pollution, and motion sensors, depending on the luminaire. They comply with the requirements of book 18 of the Zhaga Consortium and with the ANSI C136.41 Standard, respectively.





CROMA

Luminaire: **Croma LC** (page 264) | Column: **Matrix I** (page 450)



Croma LC 262



Croma P 262



Cover

Chassis

Comfort Diffuser®

Croma LC



Width 562 mm
Height 200 mm
Length 562 mm

Specifications

Maximum recommended height	12 m
Weight	9.8 kg
Wind surface	1200 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	1.13 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

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Croma P



Width 562 mm
Height 180 mm
Length 562 mm

Specifications

Maximum recommended height	12 m
Weight	10.2 kg
Wind surface	1130 cm ²
Coupling	60 mm
Possibility to install photocell	No
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	No
ULOR Transparent Diffuser	0 %
ULOR Comfort Diffuser®	-

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

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Luminaire: Croma P (page 264)



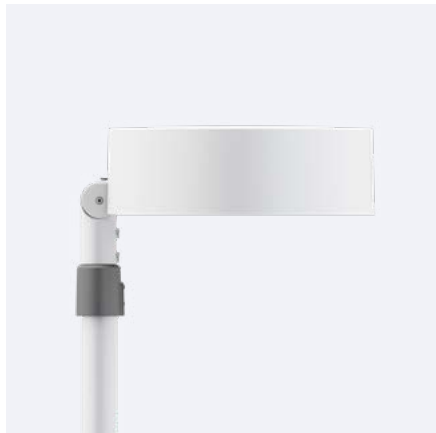
**Adapter Ø 60 mm to
Ø 50 mm**

Accessory to adapt the luminaire to supports with an external diameter of 50 mm.



**Adapter Ø 60 mm to
Ø 75/76 mm**

Accessory to adapt the luminaire to supports with an external diameter of 75 or 76 mm.



Cast-iron support adapter

Accessory to adapt the luminaire to any cast-iron support with 3/4 " screw coupling.



Dusk sensor

Accessory that responds to the changes of ambient light by turning the luminaire on or off.



Adhesive bird spikes

Passive protector to prevent birds landing and soiling the luminaire. Self-adhesive base for easy installation on any surface. Box of 30 units.



**Zhaga and Nema
connectors**

Standard connector for Zhaga and Nema devices. Enables connection of remote management nodes and dusk, pollution, and motion sensors, depending on the luminaire. They comply with the requirements of book 18 of the Zhaga Consortium and with the ANSI C136.41 Standard, respectively.



Luminaire: **Enur Micro** (page 273) | Arm: **FV-40 (5°)** (page 398) | Column: **Simple** (page 452)



ENUR



Enur P 272



Enur L 272



Enur Micro 273



Luminaire: **Enur Micro** (page 273)

Enur P



Width 325 mm
Height 142 mm
Length 650 mm

Specifications

Maximum recommended height	12 m
Weight	5.7 kg
Wind surface	870 cm ²
Coupling	60 / 50 mm
Possibility to install photocell	No
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	No
ULOR Transparent Diffuser	1.9 %
ULOR Comfort Diffuser®	-

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

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Colour temperatures Page 371

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Enur L



Width 325 mm
Height 190 mm
Length 650 mm

Specifications

Maximum recommended height	12 m
Weight	5 kg
Wind surface	975 cm ²
Coupling	60 / 50 mm
Possibility to install photocell	No
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	No
ULOR Transparent Diffuser	0.14 %
ULOR Comfort Diffuser®	-

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

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Specifications

Maximum recommended height	8 m
Weight	2.4 kg
Wind surface	525 cm ²
Coupling	60 / 50 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.31 %
ULOR Comfort Diffuser®	1.77 %

Power Page 371

LED15 LED25 LED35 LED55

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

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Enur Micro



Width 255 mm
Height 120 mm
Length 470 mm



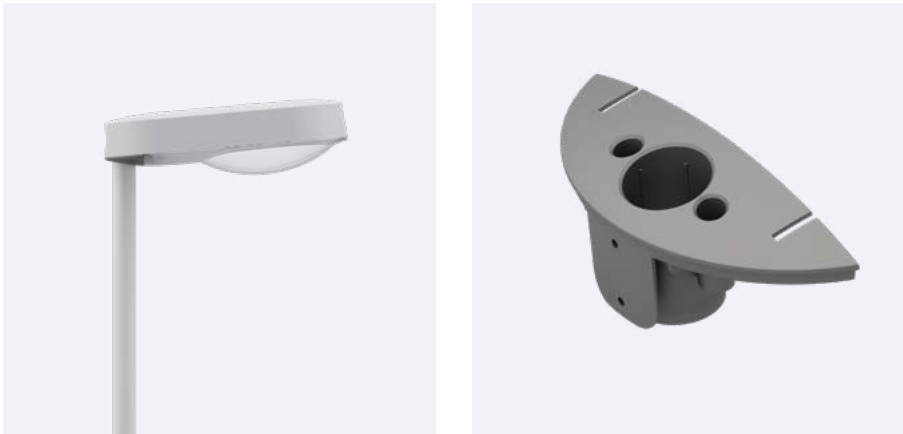
Dusk sensor

Accessory that responds to the changes of ambient light by turning the luminaire on or off.



Vertical adapter for Enur L/ Enur P

Lower cover with opening to couple Enur L and Enur P luminaires to vertical supports with a diameter of 60 mm. Included in the price.



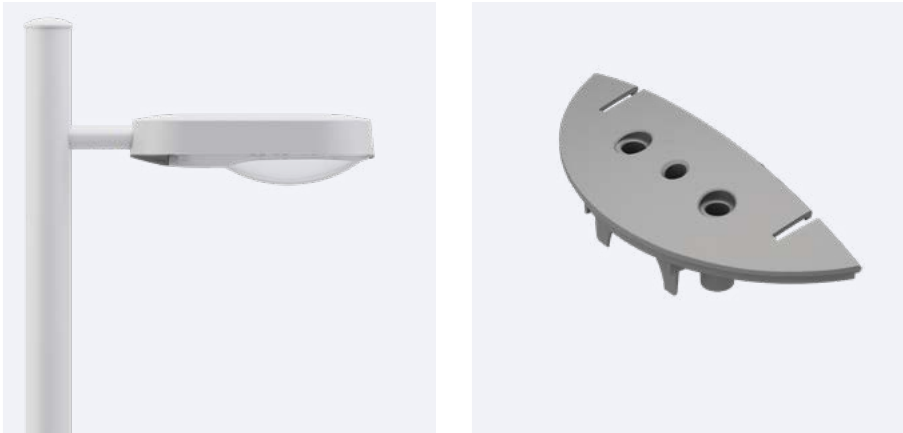
Adhesive bird spikes

Passive protector to prevent birds landing and soiling the luminaire. Self-adhesive base for easy installation on any surface. Box of 30 units.



Horizontal adapter for Enur L/Enur P

Lower cover to couple Enur L and Enur P luminaires to horizontal supports with a diameter of 60 mm. Included in the price.



Adapter Ø 60 mm to Ø 50 mm

Accessory to adapt the luminaire to supports with an external diameter of 50 mm.



Zhaga and Nema connectors

Standard connector for Zhaga and Nema devices. Enables connection of remote management nodes and dusk, pollution, and motion sensors, depending on the luminaire. They comply with the requirements of book 18 of the Zhaga Consortium and with the ANSI C136.41 Standard, respectively.



Luminaire: **Evolución P** (page 280) | Arm: **MK-100** (page 425) | Column: **Matrix I** (page 450)



EVOLUCIÓN



Evolution P 280



Evolution LC 280



Evolution 2 P 281



Evolution 2 LC 281



LUMINAIRES

Luminaire: **Evolution 2 LC** (page 281)

Evolución P



Width 562 mm
Height 193 mm
Length 562 mm

Specifications

Maximum recommended height	12 m
Weight	8.6 kg
Wind surface	950 cm ²
Coupling	60 mm
Possibility to install photocell	No
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	No
ULOR Transparent Diffuser	0 %
ULOR Comfort Diffuser®	-

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

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Specifications

Maximum recommended height	12 m
Weight	8.6 kg
Wind surface	950 cm ²
Coupling	60 mm
Possibility to install photocell	No
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	No
ULOR Transparent Diffuser	1.48 %
ULOR Comfort Diffuser®	-

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

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Evolución 2 P



Backlit cover

Width 562 mm
Height 325 mm
Length 562 mm

Evolución LC



Width 562 mm
Height 325 mm
Length 562 mm

Specifications

Maximum recommended height	12 m
Weight	8.2 kg
Wind surface	1010 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	1.13 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

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Colour temperatures Page 371

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Specifications

Maximum recommended height	12 m
Weight	8.2 kg
Wind surface	1010 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	4.01 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

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Evolución 2 LC



Backlit cover

Width 562 mm
Height 325 mm
Length 562 mm



**Adapter Ø 60 mm to
Ø 50 mm**

Accessory to adapt the luminaire to supports with an external diameter of 50 mm.



**Adapter Ø 60 mm to
Ø 75/76 mm**

Accessory to adapt the luminaire to supports with an external diameter of 75 or 76 mm.



Cast-iron support adapter

Accessory to adapt the luminaire to any cast-iron support with 3/4 " screw coupling.



Dusk sensor

Accessory that responds to the changes of ambient light by turning the luminaire on or off.



Adhesive bird spikes

Passive protector to prevent birds landing and soiling the luminaire. Self-adhesive base for easy installation on any surface. Box of 30 units.



Zhaga and Nema connectors

Standard connector for Zhaga and Nema devices. Enables connection of remote management nodes and dusk, pollution, and motion sensors, depending on the luminaire. They comply with the requirements of book 18 of the Zhaga Consortium and with the ANSI C136.41 Standard, respectively.





FUNCIONAL

Luminaire: **Pescador S** (page 300) | Arm: **CD-60** (page 390) | Column: **Nova** (page 459)



Alameda A 292



Astral A 292



Europa A 293



Europa LA 293



Globo A 294



Libra A 294



Paseo A 295



Pescador A 295



Pescador LA 296





Alameda S 296



Astral S 297



Europa S 297



Europa LS 298



Globo S 298



Libra S 299



Paseo S 299



Pescador S 300



Pescador LS 300



LUMINAIRES

Luminaire: **Pescador S** (page 300)



Alameda I 301



Astral I 301



Astral LI 302



Astral BLCI 302



Globo I 303



Globo LI 303



Globo BLCI 304



Residencial I 304



LUMINAIRES

Luminaire: **Astral BLCI** (page 302)

Alameda A



Width 700 mm
Height 570 mm
Length 700 mm

Specifications

Maximum recommended height	8 m
Weight	6.9 kg
Wind surface	1670 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	2.78 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

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Astral A



Width 700 mm
Height 640 mm
Length 700 mm

Specifications

Maximum recommended height	8 m
Weight	7.3 kg
Wind surface	2000 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	2.78 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

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Colour temperatures Page 371

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Specifications

Maximum recommended height	8 m
Weight	5.8 kg
Wind surface	1930 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	4.58 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

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Europa A



Width 490 mm
Height 675 mm
Length 490 mm

Europa LA



Width 490 mm
Height 595 mm
Length 490 mm



Globo A



Width 490 mm
Height 640 mm
Length 490 mm

Specifications

Maximum recommended height	8 m
Weight	5.9 kg
Wind surface	1930 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	4.14 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

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Specifications

Maximum recommended height	8 m
Weight	6.8 kg
Wind surface	1680 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	3.35 %

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LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

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Paseo A



Width 700 mm
Height 605 mm
Length 700 mm

Libra A



Width 490 mm
Height 605 mm
Length 490 mm

Specifications

Maximum recommended height	8 m
Weight	5.4 kg
Wind surface	1600 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	4.58 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

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Specifications

Maximum recommended height	8 m
Weight	7.2 kg
Wind surface	2110 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	3.35 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

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Pescador A



Width 700 mm
Height 675 mm
Length 700 mm



Pescador LA



Width 700 mm
Height 595 mm
Length 700 mm

Specifications	
Maximum recommended height	8 m
Weight	7 kg
Wind surface	1670 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	3.35 %
Power Page 371	
LED15 LED25 LED35 LED55 LED75 LED100	
Optics Page 372	
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Colour temperatures Page 371	
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Standard colours Page 369	

Specifications	
Maximum recommended height	12 m
Weight	7,3 kg
Wind surface	2000 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0,22 %
ULOR Comfort Diffuser®	1,38 %
Power Page 371	
LED15 LED25 LED35 LED55 LED75 LED100	
Optics Page 372	
A4 A5 A7 A9 A12 S2	
Colour temperatures Page 371	
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Standard colours Page 369	

Astral S



Width 700 mm
Height 640 mm
Length 700 mm

Alameda S



Width 700 mm
Height 570 mm
Length 700 mm

Specifications	
Maximum recommended height	12 m
Weight	6.9 kg
Wind surface	1670 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.22 %
ULOR Comfort Diffuser®	0.79 %
Power Page 371	
LED15 LED25 LED35 LED55 LED75 LED100	
Optics Page 372	
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Specifications	
Maximum recommended height	12 m
Weight	5.8 kg
Wind surface	1930 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.36 %
ULOR Comfort Diffuser®	1.38 %
Power Page 371	
LED15 LED25 LED35 LED55 LED75 LED100	
Optics Page 372	
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Standard colours Page 369	

Europa S



Width 490 mm
Height 675 mm
Length 490 mm



Europa LS



Specifications

Maximum recommended height	12 m
Weight	5.8 kg
Wind surface	1620 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.22 %
ULOR Comfort Diffuser®	1.38 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

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Width 490 mm
Height 595 mm
Length 490 mm

Globo S



Specifications

Maximum recommended height	12 m
Weight	5.9 kg
Wind surface	2500 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.36 %
ULOR Comfort Diffuser®	1.38 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

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Width 490 mm
Height 640 mm
Length 490 mm

Specifications

Maximum recommended height	12 m
Weight	5.4 kg
Wind surface	1600 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.16 %
ULOR Comfort Diffuser®	1.25 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

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Libra S



Width 490 mm
Height 605 mm
Length 490 mm

Globo S



Specifications

Maximum recommended height	12 m
Weight	5.9 kg
Wind surface	2500 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.36 %
ULOR Comfort Diffuser®	1.38 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

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Width 490 mm
Height 640 mm
Length 490 mm

Specifications

Maximum recommended height	12 m
Weight	5.4 kg
Wind surface	1600 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.16 %
ULOR Comfort Diffuser®	1.25 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

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Paseo S



Width 700 mm
Height 605 mm
Length 700 mm



Pescador S



Width 700 mm
Height 675 mm
Length 700 mm

Specifications

Maximum recommended height	12 m
Weight	7.2 kg
Wind surface	2110 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.22 %
ULOR Comfort Diffuser®	0.85 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

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Pescador LS



Width 700 mm
Height 595 mm
Length 700 mm

Specifications

Maximum recommended height	12 m
Weight	7 kg
Wind surface	1670 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.22 %
ULOR Comfort Diffuser®	0.85 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

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Specifications

Maximum recommended height	12 m
Weight	6.9 kg
Wind surface	1670 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.22 %
ULOR Comfort Diffuser®	0.79 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

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Alameda I



Width 700 mm
Height 465 mm
Length 700 mm

Pescador LS



Width 700 mm
Height 595 mm
Length 700 mm

Specifications

Maximum recommended height	12 m
Weight	7 kg
Wind surface	1670 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.22 %
ULOR Comfort Diffuser®	0.85 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

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Specifications

Maximum recommended height	12 m
Weight	7.3 kg
Wind surface	2000 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.22 %
ULOR Comfort Diffuser®	1.38 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

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Astral I



Width 700 mm
Height 540 mm
Length 700 mm



Astral LI



Width

700 mm

Height

450 mm

Length

700 mm

Specifications

Maximum recommended height	12 m
Weight	7.2 kg
Wind surface	1670 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.22 %
ULOR Comfort Diffuser®	0.85 %

Power

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LED15 LED25 LED35 LED55 LED75 LED100

Optics

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Globo I



Width

490 mm

Height

540 mm

Length

570 mm

Specifications

Maximum recommended height	12 m
Weight	5.9 kg
Wind surface	2500 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.22 %
ULOR Comfort Diffuser®	1.38 %

Power

Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics

Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures

Page 371

PC AMBER 1800 2200 2700 3000

Standard colours

Page 369

Astral BLCI



Width

700 mm

Height

385 mm

Length

700 mm

Specifications

Maximum recommended height	12 m
Weight	7.3 kg
Wind surface	1410 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	0.07 %

Power

Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics

Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures

Page 371

PC AMBER 1800 2200 2700 3000

Standard colours

Page 369

Globo LI



Width

490 mm

Height

450 mm

Length

570 mm

Specifications

Maximum recommended height	12 m
Weight	5.3 kg
Wind surface	1650 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.22 %
ULOR Comfort Diffuser®	1.38 %

Power

Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics

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Colour temperatures

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NOM

UK

N

IEC

TECCE

01

CE

NOM

UK

N

IEC

TECCE

01

CE

ATP | 302

303 | ATP

LUMINAIRES

Globo BLCI



Width 490 mm
Height 385 mm
Length 570 mm

Specifications

Maximum recommended height	12 m
Weight	5.9 kg
Wind surface	1970 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	2.85 %

Power

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LED15 LED25 LED35 LED55 LED75 LED100

Optics

Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures

Page 371

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Standard colours

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Residencial I



Width 490 mm
Height 360 mm
Length 570 mm

Specifications

Maximum recommended height	12 m
Weight	5.5 kg
Wind surface	1580 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	1.25 %

Power

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LED15 LED25 LED35 LED55 LED75 LED100

Optics

Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures

Page 371

PC AMBER 1800 2200 2700 3000

Standard colours

Page 369





Luminaire: **Paseo A** (page 295) | Column: **Primera** (page 463)



LUMINAIRES

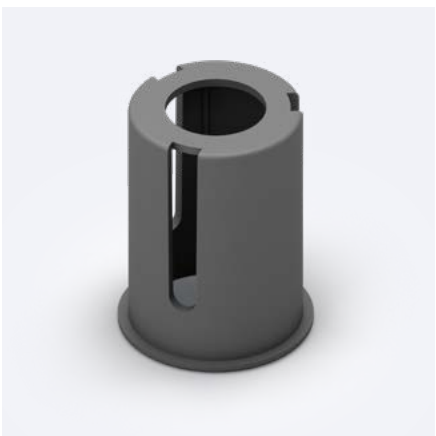
Motion sensor

Maintains 10% light intensity, which increases to 100% when motion is detected. For a maximum height of three meters.



Adapter Ø 60 mm to Ø 50 mm

Accessory to adapt the luminaire to supports with an external diameter of 50 mm.



Dusk sensor

Accessory that responds to the changes of ambient light by turning the luminaire on or off.



Adapter Ø 60 mm to Ø 75/76 mm

Accessory to adapt the luminaire to supports with an external diameter of 75 or 76 mm.



Adhesive bird spikes

Passive protector to prevent birds landing and soiling the luminaire. Self-adhesive base for easy installation on any surface. Box of 30 units.



Cast-iron support adapter

Accessory to adapt the luminaire to any cast-iron support with 3/4" screw coupling.



Base for supported luminaires

Accessory to place the luminaire on walls or pilasters.



Ceiling adapter

Accessory to suspend the luminaire from flat ceilings. Prevents swinging.



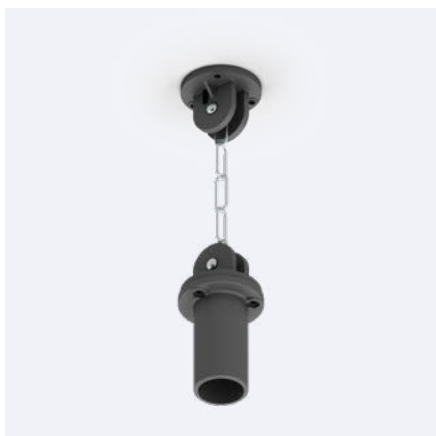
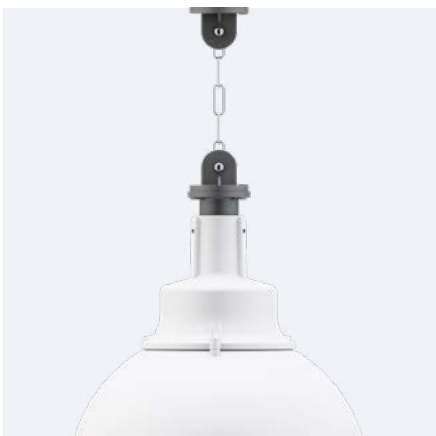
Ceiling adapter (one metre)

Accessory to suspend the luminaire from flat ceilings. Prevents swinging. One metre standard length. Additional custom sizes available.



Chain adapter

Accessory to suspend the luminaire using a chain. Includes eyebolt and chain of 500 mm. Additional custom lengths available.



Catenary adapter

Accessory to suspend the luminaire using catenary.



Zhaga and Nema connectors*

Standard connector for Zhaga and Nema devices. Enables connection of remote management nodes and dusk, pollution, and motion sensors, depending on the luminaire. They comply with the requirements of book 18 of the Zhaga Consortium and with the ANSI C136.41 Standard, respectively.



* Disponible sólo para luminarias inclinadas y suspendidas.

Luminaire: **Metrópoli LLC** (page 315) | Column: **Coliseo** (page 447)



METRÓPOLI



Metrópolis LP 314



Metrópolis LBP 314



Metrópolis LBLC 315



Metrópolis LLC 315



Metrópolis EP 316



Metrópolis EBP 316



Metrópolis EBLC 317



Metrópolis ELC 317



Metrópolis LP



Width 505 mm
Height 200 mm
Length 590 mm

Specifications

Maximum recommended height	12 m
Weight	7 kg
Wind surface	880 cm ²
Coupling	60 mm
Possibility to install photocell	No
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	No
ULOR Transparent Diffuser	0 %
ULOR Comfort Diffuser®	-

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

PC AMBER 1800 2200 2700 3000

Standard colours Page 369



Specifications

Maximum recommended height	12 m
Weight	5.9 kg
Wind surface	1120 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	2.6 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

PC AMBER 1800 2200 2700 3000

Standard colours Page 369



Metrópolis LBLC



Width 505 mm
Height 230 mm
Length 590 mm

Metrópolis LBP



Width 505 mm
Height 230 mm
Length 590 mm

Specifications

Maximum recommended height	12 m
Weight	7.5 kg
Wind surface	1055 cm ²
Coupling	60 mm
Possibility to install photocell	No
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	No
ULOR Transparent Diffuser	0 %
ULOR Comfort Diffuser®	-

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

PC AMBER 1800 2200 2700 3000

Standard colours Page 369



Specifications

Maximum recommended height	12 m
Weight	5.7 kg
Wind surface	1055 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	1.13 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

PC AMBER 1800 2200 2700 3000

Standard colours Page 369



Metrópolis LLC



Width 505 mm
Height 250 mm
Length 590 mm



Metrópoli EP



Width 505 mm
Height 267 mm
Length 590 mm

Specifications

Maximum recommended height	12 m
Weight	7.2 kg
Wind surface	1130 cm ²
Coupling	60 mm
Possibility to install photocell	No
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	No
ULOR Transparent Diffuser	0 %
ULOR Comfort Diffuser®	-

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

PC AMBER 1800 2200 2700 3000

Standard colours Page 369



Specifications

Maximum recommended height	12 m
Weight	6 kg
Wind surface	1360 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	2.6 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

PC AMBER 1800 2200 2700 3000

Standard colours Page 369



Metrópoli EBLC



Width 505 mm
Height 325 mm
Length 590 mm

Metrópoli EBP



Width 505 mm
Height 300 mm
Length 590 mm

Specifications

Maximum recommended height	#N/A!
Weight	7.7 kg
Wind surface	1305 cm ²
Coupling	60 mm
Possibility to install photocell	No
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	No
ULOR Transparent Diffuser	0 %
ULOR Comfort Diffuser®	-

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

PC AMBER 1800 2200 2700 3000

Standard colours Page 369



Specifications

Maximum recommended height	12 m
Weight	5.9 kg
Wind surface	1300 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	1.13 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

PC AMBER 1800 2200 2700 3000

Standard colours Page 369



Metrópoli ELC



Width 505 mm
Height 325 mm
Length 590 mm



**Adapter Ø 60 mm to
Ø 50 mm**

Accessory to adapt the luminaire to supports with an external diameter of 50 mm.



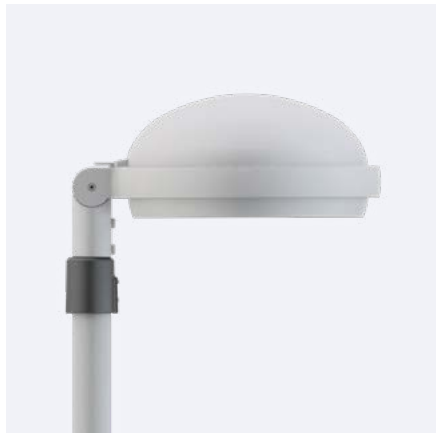
Cast-iron support adapter

Accessory to adapt the luminaire to any cast-iron support with 3/4 " screw coupling.



**Adapter Ø 60 mm to
Ø 75/76 mm**

Accessory to adapt the luminaire to supports with an external diameter of 75 or 76 mm.



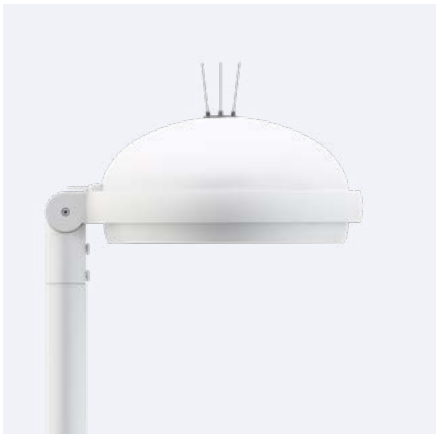
Dusk sensor

Accessory that responds to the changes of ambient light by turning the luminaire on or off.



Adhesive bird spikes

Passive protector to prevent birds landing and soiling the luminaire. Self-adhesive base for easy installation on any surface. Box of 30 units.



Coloured rings

Translucent ornamental ring with exclusive colour for Metrópolis 2 and Metrópolis EBP and LBP luminaires. Available in blue, green, red, yellow, and white.



Zhaga and Nema connectors

Standard connector for Zhaga and Nema devices. Enables connection of remote management nodes and dusk, pollution, and motion sensors, depending on the luminaire. They comply with the requirements of book 18 of the Zhaga Consortium and with the ANSI C136.41 Standard, respectively.



Luminaire: **Metrópoli EBLC Color** (page 331) | Column: **Atlas** (page 446)

METRÓPOLI *Color*





Metrópoli LP Color 328



Metrópoli LBP Color 328



Metrópoli LBLC Color 329



Metrópoli LLC Color 329



Metrópoli EP Color 330



Metrópoli EBP Color 330



Metrópoli EBLC Color 331



Metrópoli ELC Color 331



Luminaire: **Metrópoli LBLC Color** (page 329)

Backlit dynamic RGBW cover

Remotely controlled, the RGBW backlit cover can reproduce over 250 million colors to create captivating lighting effects. The RGB system allows easy customization with multiple options, from solid colors to dynamic scenes with sequential changes.

Similarly, ATP has meticulously studied the backlighting, taking into account light pollution control and respect for the night sky. The ULOR (upward light output ratio) values of the cover are below 1%, making it compatible with sky quality certifications such as Starlight



DMX Control

The DMX (Digital Multiplex) protocol provides absolute versatility and immediacy, allowing for precise programming of light shows and synchronizing them with concerts, performances, audiovisual projections, and even fireworks displays. This technology enables entertainment professionals to create stunning and customized visual environments across a wide range of applications.



Metrópoli LP *Color*

Width505 mm

Height200 mm

Length590 mm

Specifications

Maximum recommended height	12 m
Weight	7 kg
Wind surface	880 cm ²
Coupling	60 mm
Possibility to install photocell	No
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	No
ULOR Transparent Diffuser	2.31 %
ULOR Comfort Diffuser®	-

Power

Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics

Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures

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PC AMBER 1800 2200 2700 3000

Standard colours

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Metrópoli LBLC *Color*

Width505 mm

Height230 mm

Length590 mm

Specifications

Maximum recommended height	12 m
Weight	5.9 kg
Wind surface	1120 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	4.61 %

Power

Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics

Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures

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PC AMBER 1800 2200 2700 3000

Standard colours

Page 369

Metrópoli LP *Color*

Width505 mm

Height230 mm

Length590 mm

Specifications

Maximum recommended height	12 m
Weight	7.5 kg
Wind surface	1055 cm ²
Coupling	60 mm
Possibility to install photocell	No
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	No
ULOR Transparent Diffuser	2.31 %
ULOR Comfort Diffuser®	-

Power

Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics

Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures

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PC AMBER 1800 2200 2700 3000

Standard colours

Page 369

Metrópoli LLC *Color*

Width505 mm

Height250 mm

Length590 mm

Specifications

Maximum recommended height	12 m
Weight	5.7 kg
Wind surface	1055 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	5.06 %

Power

Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics

Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures

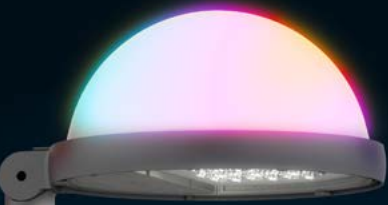
Page 371

PC AMBER 1800 2200 2700 3000

Standard colours

Page 369

Metrópoli EP *Color*



Width 505 mm
Height 267 mm
Length 590 mm

Specifications

Maximum recommended height	12 m
Weight	7.2 kg
Wind surface	1130 cm ²
Coupling	60 mm
Possibility to install photocell	No
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	No
ULOR Transparent Diffuser	2.47 %
ULOR Comfort Diffuser®	-

PowerPage 371

LED15 LED25 LED35 LED55 LED75 LED100

OpticsPage 372

A4 A5 A7 A9 A12 S2

Colour temperaturesPage 371

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Standard coloursPage 369

Metrópoli EBLC *Color*



Width 505 mm
Height 325 mm
Length 590 mm

Specifications

Maximum recommended height	12 m
Weight	6 kg
Wind surface	1360 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	4.94 %

PowerPage 371

LED15 LED25 LED35 LED55 LED75 LED100

OpticsPage 372

A4 A5 A7 A9 A12 S2

Colour temperaturesPage 371

PC AMBER 1800 2200 2700 3000

Standard coloursPage 369

Metrópoli EBP *Color*



Width 505 mm
Height 300 mm
Length 590 mm

Specifications

Maximum recommended height	12 m
Weight	7.7 kg
Wind surface	1305 cm ²
Coupling	60 mm
Possibility to install photocell	No
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	No
ULOR Transparent Diffuser	6.09 %
ULOR Comfort Diffuser®	-

PowerPage 371

LED15 LED25 LED35 LED55 LED75 LED100

OpticsPage 372

A4 A5 A7 A9 A12 S2

Colour temperaturesPage 371

PC AMBER 1800 2200 2700 3000

Standard coloursPage 369

Metrópoli ELC *Color*



Width 505 mm
Height 325 mm
Length 590 mm

Specifications

Maximum recommended height	12 m
Weight	5.9 kg
Wind surface	1300 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	5.42 %

PowerPage 371

LED15 LED25 LED35 LED55 LED75 LED100

OpticsPage 372

A4 A5 A7 A9 A12 S2

Colour temperaturesPage 371

PC AMBER 1800 2200 2700 3000

Standard coloursPage 369

**Adapter Ø 60 mm to
Ø 50 mm**

Accessory to adapt the luminaire to supports with an external diameter of 50 mm.



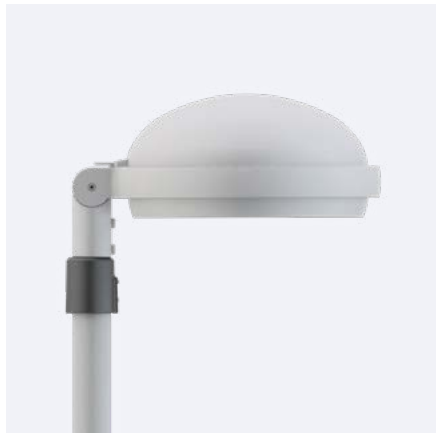
Cast-iron support adapter

Accessory to adapt the luminaire to any cast-iron support with 3/4 " screw coupling.



**Adapter Ø 60 mm to
Ø 75/76 mm**

Accessory to adapt the luminaire to supports with an external diameter of 75 or 76 mm.



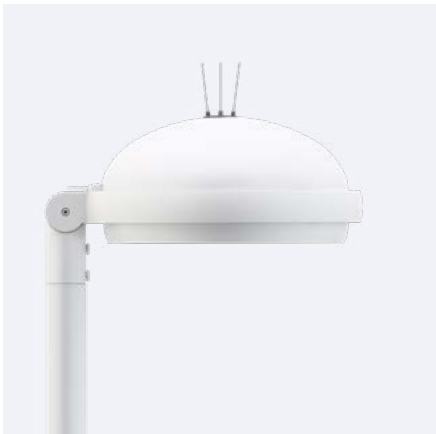
Dusk sensor

Accessory that responds to the changes of ambient light by turning the luminaire on or off.



Adhesive bird spikes

Passive protector to prevent birds landing and soiling the luminaire. Self-adhesive base for easy installation on any surface. Box of 30 units.



Coloured rings

Translucent ornamental ring with exclusive colour for Metrópolis 2 and Metrópolis EBP and LBP luminaires. Available in blue, green, red, yellow, and white.



Zhaga and Nema connectors

Standard connector for Zhaga and Nema devices. Enables connection of remote management nodes and dusk, pollution, and motion sensors, depending on the luminaire. They comply with the requirements of book 18 of the Zhaga Consortium and with the ANSI C136.41 Standard, respectively.



Luminaire: **Orión** (page 338) | Arm: **BP-100** (page 407) | Column: **Coliseo Super** (page 471)



ORIÓN

Orión



Width 463 mm
Height 248 mm
Length 610 mm

Specifications

Maximum recommended height	8 m
Weight	12 kg
Wind surface	1240 cm ²
Coupling	60 mm
Possibility to install photocell	No
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	No
ULOR Transparent Diffuser	0 %
ULOR Comfort Diffuser®	-

Power Page 371

LED35 LED55 LED75 LED100 LED120 LED145

Optics Page 372

A4 A5 A7 A12 S2 P1 P2

Colour temperatures Page 371

PC AMBER 1800 2200 2700 3000

Standard colours Page 369



Sealing without tools

IK10+ diffuser

Tilt adjustment bracket

IP68 connector

Dusk sensor

Accessory that responds to the changes of ambient light by turning the luminaire on or off.



Adapter Ø 60 mm to Ø 75/76 mm

Accessory to adapt the luminaire to supports with an external diameter of 75 or 76 mm.



Adhesive bird spikes

Passive protector to prevent birds landing and soiling the luminaire. Self-adhesive base for easy installation on any surface. Box of 30 units.



Cast-iron support adapter

Accessory to adapt the luminaire to any cast-iron support with 3/4 " screw coupling.



Adapter Ø 60 mm to Ø 50 mm

Accessory to adapt the luminaire to supports with an external diameter of 50 mm.



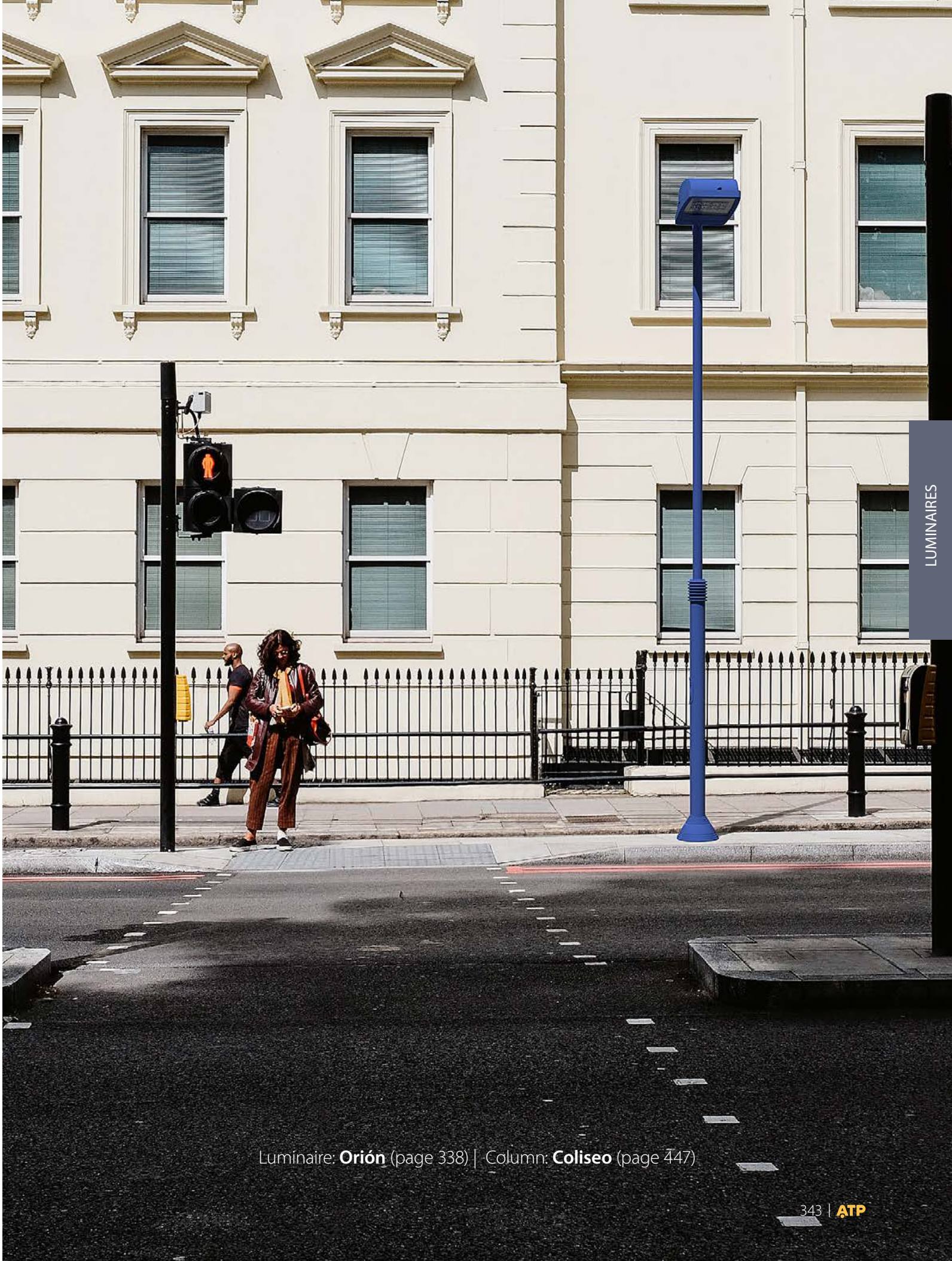
Ball coupling

Ball joint adapter that enables inclination of the luminaire, adjustable at intervals of five (5) degrees (luminaire coupling diameter: 50 mm).



Attachment with tilt adjustment bracket

Tilt adjustment bracket adjustable at five (5) degree intervals.



Luminaire: **Orión** (page 338) | Column: **Coliseo** (page 447)

Luminaire: **Aire® 7 Series floodlight** (page 349)



AIRE® FLOODLIGHT



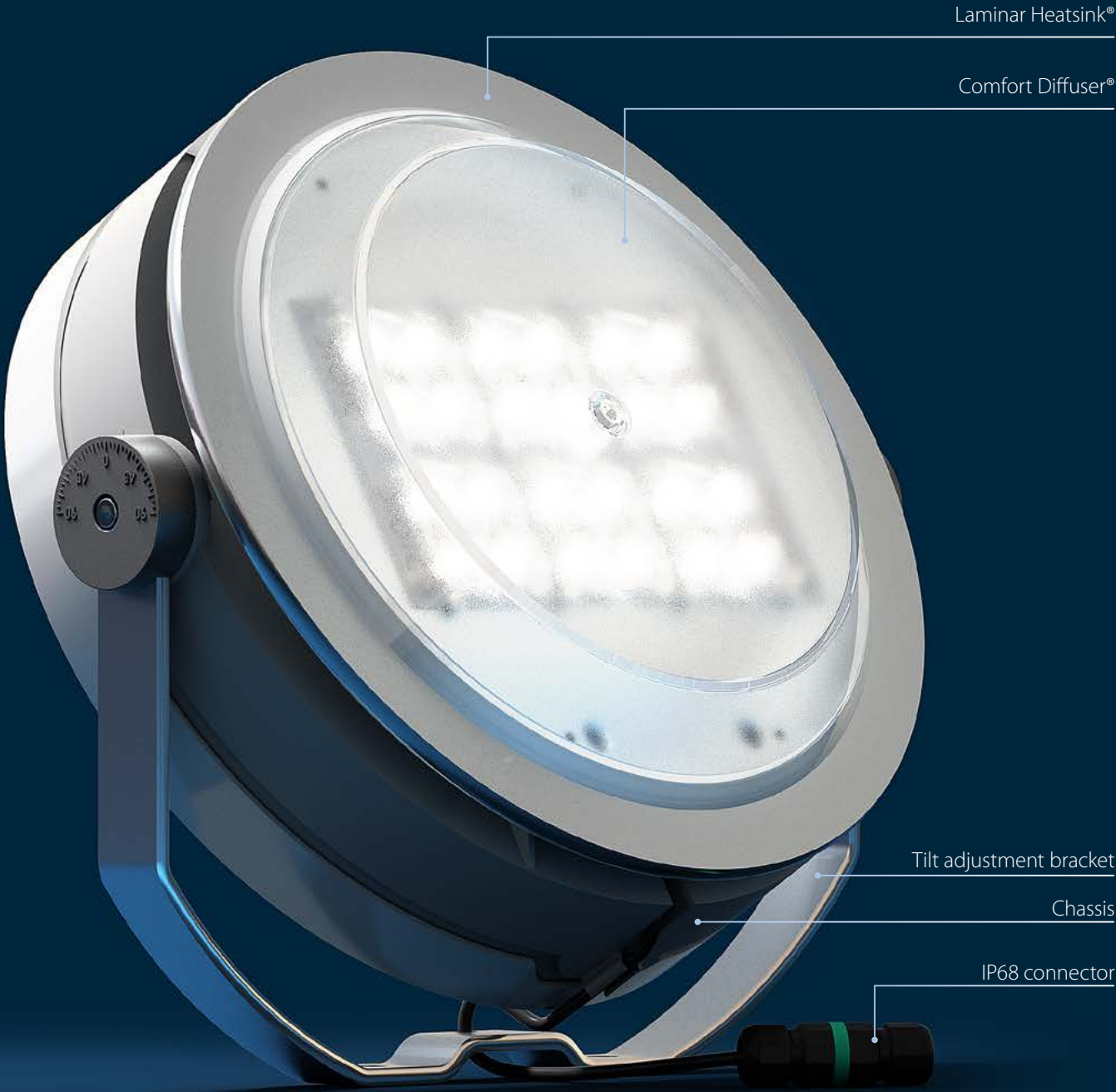
Aire® 3 Series floodlight 348



Aire® 5 Series floodlight 348



Aire® 7 Series floodlight 349



Luminaire: Aire® 3 Series floodlight (page 348)

Aire® 3 Series floodlight



Width 330 mm
Height 130 mm
Length 350 mm

Specifications	
Maximum recommended height	8 m
Weight	8 kg
Wind surface	870 cm ²
Coupling	-
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	1.51 %
ULOR Comfort Diffuser®	2.42 %

Power	Page 371
LED25 LED35 LED55	

Optics	Page 372
A4 A5 A7 A9 A12 S2 P1 P2	

Colour temperatures	Page 371
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Standard colours	Page 369

Specifications	
Maximum recommended height	14 m
Weight	11 kg
Wind surface	2250 cm ²
Coupling	-
Possibility to install photocell	No
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	No
ULOR Transparent Diffuser	1.01 %
ULOR Comfort Diffuser®	-

Power	Page 371
LED126 LED150 LED200	

Optics	Page 372
A4 A5 A7 A12 S2 P1 P2	

Colour temperatures	Page 371
PC AMBER 1800 2200 2700 3000	

Standard colours	Page 369

Aire® 7 Series floodlight



Width 330 mm
Height 130 mm
Length 770 mm

Aire® 5 Series floodlight



Width 330 mm
Height 130 mm
Length 620 mm

Specifications	
Maximum recommended height	12 m
Weight	9.3 kg
Wind surface	1420 cm ²
Coupling	-
Possibility to install photocell	No
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	No
ULOR Transparent Diffuser	1.2 %
ULOR Comfort Diffuser®	-

Power	Page 371
LED80 LED100	

Optics	Page 372
A4 A5 A7 A12 S2 P1 P2	

Colour temperatures	Page 371
PC AMBER 1800 2200 2700 3000	

Standard colours	Page 369





reddot winner
lighting design

E SERIES FLOODLIGHT

LUMINAIRES

Luminaire: M Model Comfort (page 355)



S Model Transparent 354



S Model Comfort 354



M Model Transparent 355



M Model Comfort 355



Luminaire: **M Model Comfort** (page 355) | Luminaire: **S Model Comfort** (page 354)

S Model Transparent



Width 198 mm
Height 95 mm
Length 198 mm

Specifications	
Maximum recommended height	8 m
Weight	1.5 kg
Wind surface	305 cm ²
Coupling	-
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
ULOR Transparent Diffuser	0.63 %

Power Page 371

LED34

Optics Page 372

A4 A5 A7 A12 S2

Colour temperatures Page 371

PC AMBER 1800 2200 2700 3000

Standard colours Page 369



Specifications	
Maximum recommended height	8 m
Weight	2.7 kg
Wind surface	620 cm ²
Coupling	-
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
ULOR Transparent Diffuser	1.51 %

Power Page 371

LED35 LED55 LED75

Optics Page 372

A4 A5 A7 A12 S2

Colour temperatures Page 371

PC AMBER 1800 2200 2700 3000

Standard colours Page 369



M Model Transparent



Width 281 mm
Height 105 mm
Length 281 mm

S Model Comfort



Width 198 mm
Height 95 mm
Length 198 mm

Specifications	
Maximum recommended height	8 m
Weight	1.5 kg
Wind surface	305 cm ²
Coupling	-
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
ULOR Comfort Diffuser®	2.13 %

Power Page 371

LED34

Optics Page 372

A4 A5 A7 S2

Colour temperatures Page 371

PC AMBER 1800 2200 2700 3000

Standard colours Page 369



Specifications	
Maximum recommended height	8 m
Weight	2.7 kg
Wind surface	620 cm ²
Coupling	-
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
ULOR Comfort Diffuser®	2.42 %

Power Page 371

LED35 LED55 LED75

Optics Page 372

A4 A5 A7 A12 S2

Colour temperatures Page 371

PC AMBER 1800 2200 2700 3000

Standard colours Page 369



M Model Comfort



Width 281 mm
Height 105 mm
Length 281 mm



Luminaire: **Venus 2TLA** (page 360) | Column: **Coliseo** (page 447)



VENUS



Venus TLA 360



Venus 2TLA 360



Venus OPS 361



Venus 2OLS 363



Venus TLS 362



Venus 2TLS 362



Venus 2OPS 363



Venus 2OLS 363



Luminaire: **Venus 2TLA** (page 360)

Venus TLA



Width 633 mm
Height 675 mm
Length 633 mm

Specifications	
Maximum recommended height	8 m
Weight	7.5 kg
Wind surface	2500 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	4.97 %

Power	Page 371
LED15 LED25 LED35 LED55 LED75 LED100	

Optics	Page 372
A4 A5 A7 A9 A12 S2	

Colour temperatures	Page 371
PC AMBER 1800 2200 2700 3000	

Standard colours	Page 369
   	

Specifications	
Maximum recommended height	12 m
Weight	8.1 kg
Wind surface	2320 cm ²
Coupling	60 mm
Possibility to install photocell	No
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	No
ULOR Transparent Diffuser	0 %
ULOR Comfort Diffuser®	-

Power	Page 371
LED15 LED25 LED35 LED55 LED75 LED100	

Optics	Page 372
A4 A5 A7 A9 A12 S2	

Colour temperatures	Page 371
PC AMBER 1800 2200 2700 3000	

Standard colours	Page 369
   	

Venus OPS



Width 633 mm
Height 625 mm
Length 633 mm

Venus 2TLA



Width 633 mm
Height 675 mm
Length 633 mm

Specifications	
Maximum recommended height	8 m
Weight	8 kg
Wind surface	3180 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	No
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	-
ULOR Comfort Diffuser®	4.97 %

Power	Page 371
LED15 LED25 LED35 LED55 LED75 LED100	

Optics	Page 372
A4 A5 A7 A9 A12 S2	

Colour temperatures	Page 371
PC AMBER 1800 2200 2700 3000	

Standard colours	Page 369
   	

Specifications	
Maximum recommended height	12 m
Weight	7.2 kg
Wind surface	2500 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.04 %
ULOR Comfort Diffuser®	0.05 %

Power	Page 371
LED15 LED25 LED35 LED55 LED75 LED100	

Optics	Page 372
A4 A5 A7 A9 A12 S2	

Colour temperatures	Page 371
PC AMBER 1800 2200 2700 3000	

Standard colours	Page 369
   	

Venus OLS



Width 633 mm
Height 675 mm
Length 633 mm



Venus TLS



Width 633 mm
Height 675 mm
Length 633 mm

Specifications

Maximum recommended height	12 m
Weight	8.1 kg
Wind surface	2320 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	3.08 %
ULOR Comfort Diffuser®	4.65 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

PC AMBER 1800 2200 2700 3000

Standard colours Page 369



Venus 2TLS



Width 633 mm
Height 675 mm
Length 633 mm

Specifications

Maximum recommended height	12 m
Weight	8.4 kg
Wind surface	3000 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	3.08 %
ULOR Comfort Diffuser®	4.65 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

PC AMBER 1800 2200 2700 3000

Standard colours Page 369



Specifications

Maximum recommended height	12 m
Weight	8.4 kg
Wind surface	3000 cm ²
Coupling	60 mm
Possibility to install photocell	No
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	No
ULOR Transparent Diffuser	0 %
ULOR Comfort Diffuser®	-

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

PC AMBER 1800 2200 2700 3000

Standard colours Page 369



Venus 2OPS



Width 633 mm
Height 625 mm
Length 633 mm

Venus 2TLS



Width 633 mm
Height 675 mm
Length 633 mm

Specifications

Maximum recommended height	12 m
Weight	8.4 kg
Wind surface	3000 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	3.08 %
ULOR Comfort Diffuser®	4.65 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

PC AMBER 1800 2200 2700 3000

Standard colours Page 369



Specifications

Maximum recommended height	12 m
Weight	7.5 kg
Wind surface	3180 cm ²
Coupling	60 mm
Possibility to install photocell	Yes
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
Transparent Diffuser	Yes
Comfort Diffuser®	Yes
ULOR Transparent Diffuser	0.04 %
ULOR Comfort Diffuser®	0.05 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

PC AMBER 1800 2200 2700 3000

Standard colours Page 369



Venus 2OLS



Width 633 mm
Height 675 mm
Length 633 mm

Dusk sensor

Accessory that responds to the changes of ambient light by turning the luminaire on or off.



Adapter Ø 60 mm to Ø 75/76 mm

Accessory to adapt the luminaire to supports with an external diameter of 75 or 76 mm.



Adhesive bird spikes

Passive protector to prevent birds landing and soiling the luminaire. Self-adhesive base for easy installation on any surface. Box of 30 units.



Cast-iron support adapter

Accessory to adapt the luminaire to any cast-iron support with 3/4" screw coupling.



Adapter Ø 60 mm to Ø 50 mm

Accessory to adapt the luminaire to supports with an external diameter of 50 mm.



Base for supported luminaires

Accessory to place the luminaire on walls or pilasters.



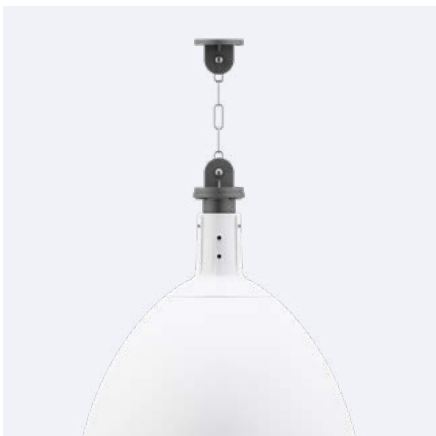
Ceiling adapter

Accessory to suspend the luminaire from flat ceilings. Prevents swinging.



Chain adapter

Accessory to suspend the luminaire using a chain. Includes eyebolt and chain of 500 mm. Additional custom lengths available.



Ceiling adapter (one metre)

Accessory to suspend the luminaire from flat ceilings. Prevents swinging. One metre standard length. Additional custom sizes available.



Catenary adapter

Accessory to suspend the luminaire using catenary.



Luminaire: **Aire® Custom Flor** (page 180) | Arm: **FV-40 (5°)** (page 398) | Column: **Simple** (page 452)



Standard colours and special colours

Our luminaires are available in four standard colours: black, dark grey, light grey, and green. We offer all RAL colours upon request. Consult options.

Black



Dark grey



Light grey



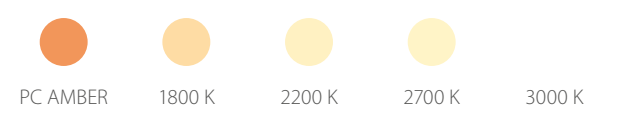
Green



LED configurations

	Number of LEDs	LED current	Total power driver + module
LED15	12 LED	400 mA	15 W
LED25	12 LED	700 mA	27 W
LED34	16 LED	700 mA	35 W
LED35	24 LED	500 mA	38 W
LED55	24 LED	700 mA	52 W
LED65	24 LED	850 mA	65 W
LED75	24 LED	980 mA	74 W
LED80	36 LED	700 mA	79 W
LED95	36 LED	900 mA	97 W
LED100	48 LED	700 mA	102 W
LED120	48 LED	800 mA	121 W
LED125	60 LED	700 mA	126 W
LED126	72 LED	550 mA	126 W
LED130	48 LED	900 mA	129 W
LED145	60 LED	800 mA	143 W
LED150	72 LED	700mA	153 W
LED200	96 LED	680 mA	196 W

Color temperatures



LED equipment

Characteristics

Dynamic regulation based on the length of the night and the time profile programming, up to five (5) power levels

- Control line regulation
- Head regulation
- Thermal protection
- Luminous flux maintenance (CLO)
- DALI interface for connecting sensors or lighting management systems

Specifications

Power supply	220-240 V 50-60 Hz
Power on demand	120-277 V 50-60 Hz
Power factor	0,95 (a 230 V)
Overvoltage protection	6 kV/3 kA (between phase and neutral)
Electrical isolation	Class II

Lighting data

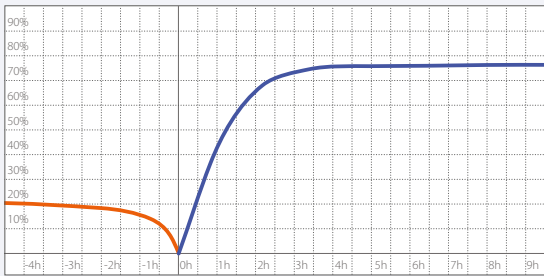
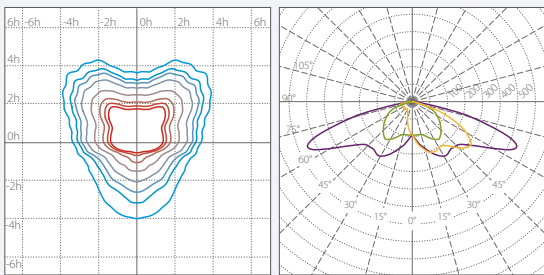


To obtain updated light fluxes or further information about our optics, please visit our website or scan the QR code.



-  Adjustable programmable driver
-  Overvoltage protection
-  Fuse holder housing
-  Telemanagement
-  Flux regulation

A4 · Wide asymmetric

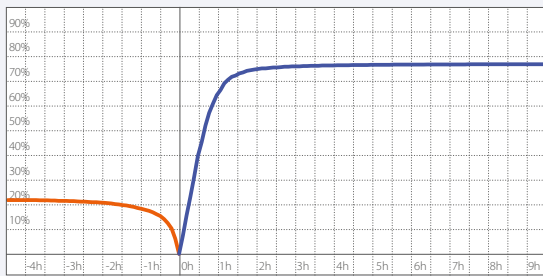
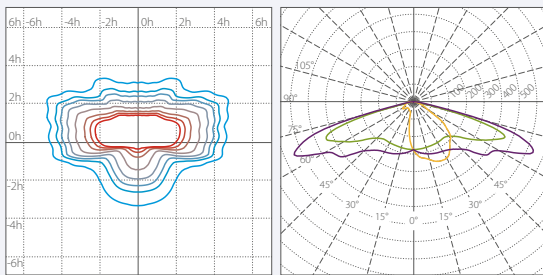


Temperatures: PC AMBER 1800 K 2200 K 2700 K

Available power:

LED15	LED25	LED34	LED35	LED55	LED75	LED80
LED95	LED100	LED120	LED125	LED145	LED150	LED200

A5 · Asymmetric

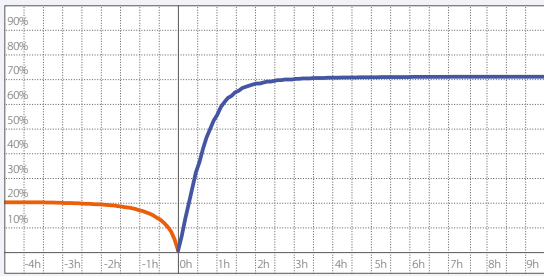
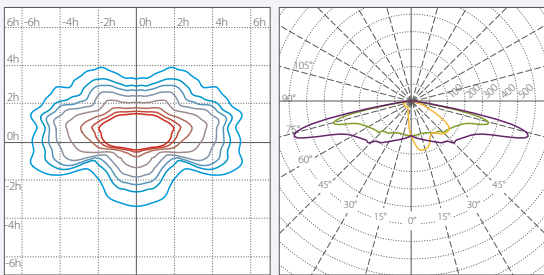


Temperatures: PC AMBER 1800 K 2200 K 2700 K

Available power:

LED15	LED34	LED35	LED55	LED75	LED80	LED95
LED100	LED120	LED125	LED145	LED150	LED200	-

A12 · Staggered symmetric

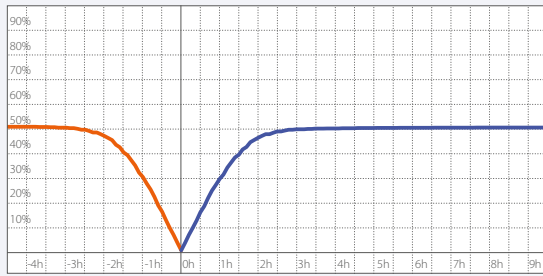
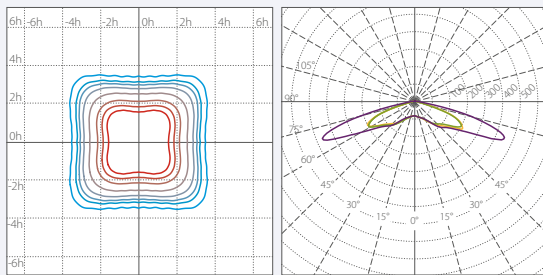


Temperatures: PC AMBER 1800 K 2200 K 2700 K

Available power:

LED15	LED25	LED34	LED35	LED55	LED75	LED80
LED95	LED100	LED120	LED125	LED145	LED150	LED200

S2 · Square symmetric

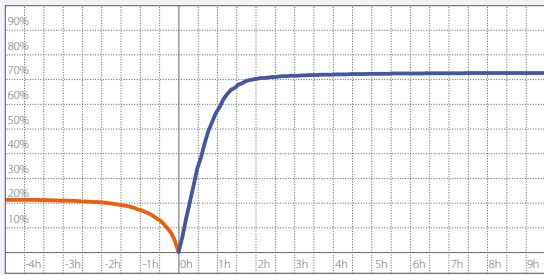
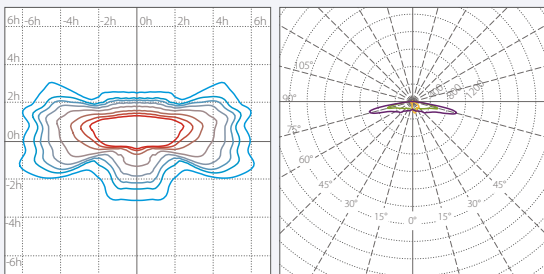


Temperatures: PC AMBER 1800 K 2200 K 2700 K

Available power:

LED15	LED25	LED34	LED35	LED55	LED75	LED80
LED95	LED100	LED120	LED125	LED145	LED150	LED200

A7 · Long asymmetric

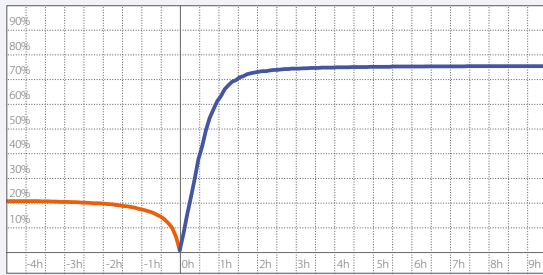
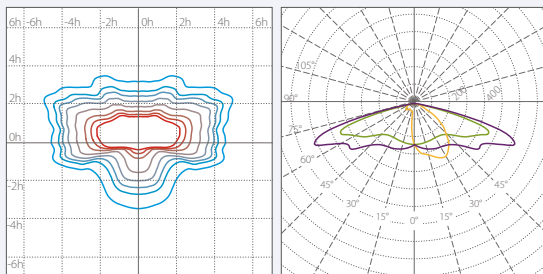


Temperatures: PC AMBER 1800 K 2200 K 2700 K

Available power:

LED15	LED25	LED34	LED35	LED55	LED75	LED80
LED95	LED100	LED120	LED125	LED145	LED150	LED200

A9 · Asymmetric

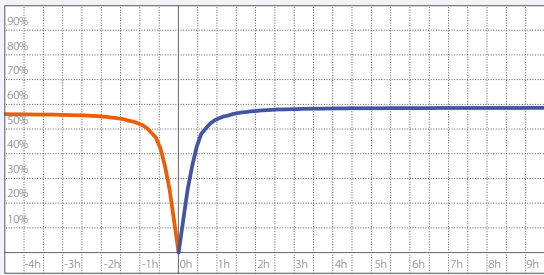
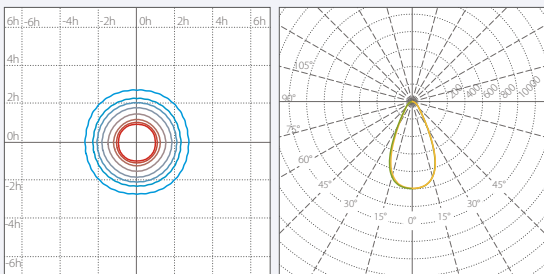


Temperatures: PC AMBER 1800 K 2200 K 2700 K

Available power:

LED25	-	-	-	-	-	-
-	-	-	-	-	-	-

P1 · Wide symmetric (50°)

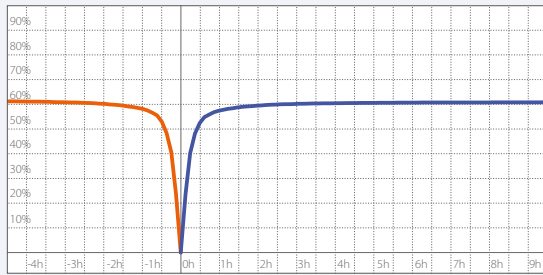
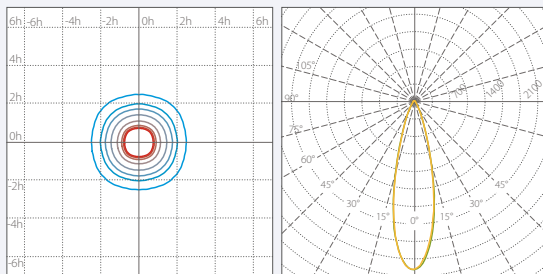


Temperatures: PC AMBER 1800 K 2200 K 2700 K

Available power:

LED15	LED25	LED34	LED35	LED55	LED75	LED80
LED95	LED100	LED120	LED125	LED145	LED150	LED200

P2 · Medium symmetric (25°)



Temperatures: PC AMBER 1800 K 2200 K 2700 K

Available power:

LED15	LED25	LED34	LED35	LED55	LED75	LED80
LED95	LED100	LED120	LED125	LED145	LED150	LED200

Power driver

The luminaires with LED technology are supplied with programmable constant current electronic drivers with the possibility of connecting a telemanagement system to control the lighting. Power supply voltage 220-240 V at 50-60 Hz. Available on request with a power supply voltage of 120-277 V at 50-60 Hz.

Electrical wiring

Certified by CENELEC with the HAR mark.
Double insulated hoses.
Tubular connector IP68.

Immune to corrosion

Materials immune to corrosion. Stainless steel hardware.
Stainless steel A-304 quality.

Materials

Enclosure made of reinforced technopolymer S7, subjected to 2000 hours in a UV chamber (ISO 4892-3) with no colour alteration.
Diffuser (transparent/Comfort®) made of high-impact tropicalized transparent technopolymer T5, subjected to 2000 hours in a UV chamber (ISO 4892-3) with no colour alteration.

Maintenance

Materials that require no maintenance. Exterior cleaning with soap and water applied with a sponge.

Vandal-proof

The materials used in their manufacture as well as their constructive characteristics provide ATP luminaires with impact resistance that far exceeds the maximum level, IK10, established by Standard IEC 62262.

Insulation

Class II

Degrees of protection

Tightness: IP66
Impact: IK10

Certifications and approvals



European CE Marking.



N: Spanish Association for Standardisation and Certification.



ENEC: European Norms Electrical Certification.



NOM: Official Mexican Standards.



ISSOP: ISSOP Seal (Sustainable Innovation without Planned Obsolescence).



IECEE CB: IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components.



Zhaga Community Member.



UK Conformity Assessed.



S7: Reinforced technopolymer S7. Immune to corrosion and degradation caused by atmospheric agents. Resistant to tropical storms, constant humidity, nitrate, and even fire. Eliminates the risk of electrocution. Subjected to 2000 hours in a UV chamber with no colour alteration.



T5: High impact tropicalized transparent technopolymer T5. Chemical polished for maximum transparency and transmittance. Lighting performance superior to glass and 200 times more resistant. Subjected to 2000 hours in a UV chamber with no colour alteration.



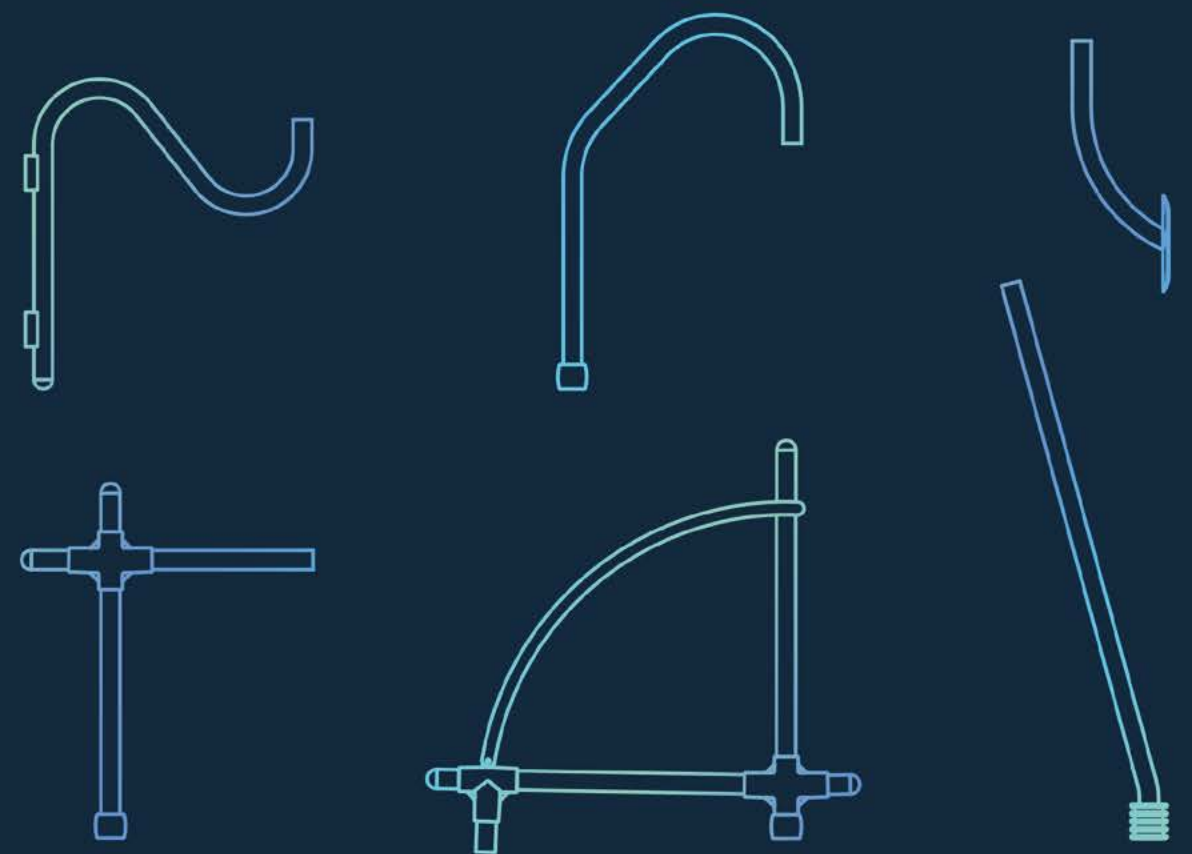
Immune to corrosion



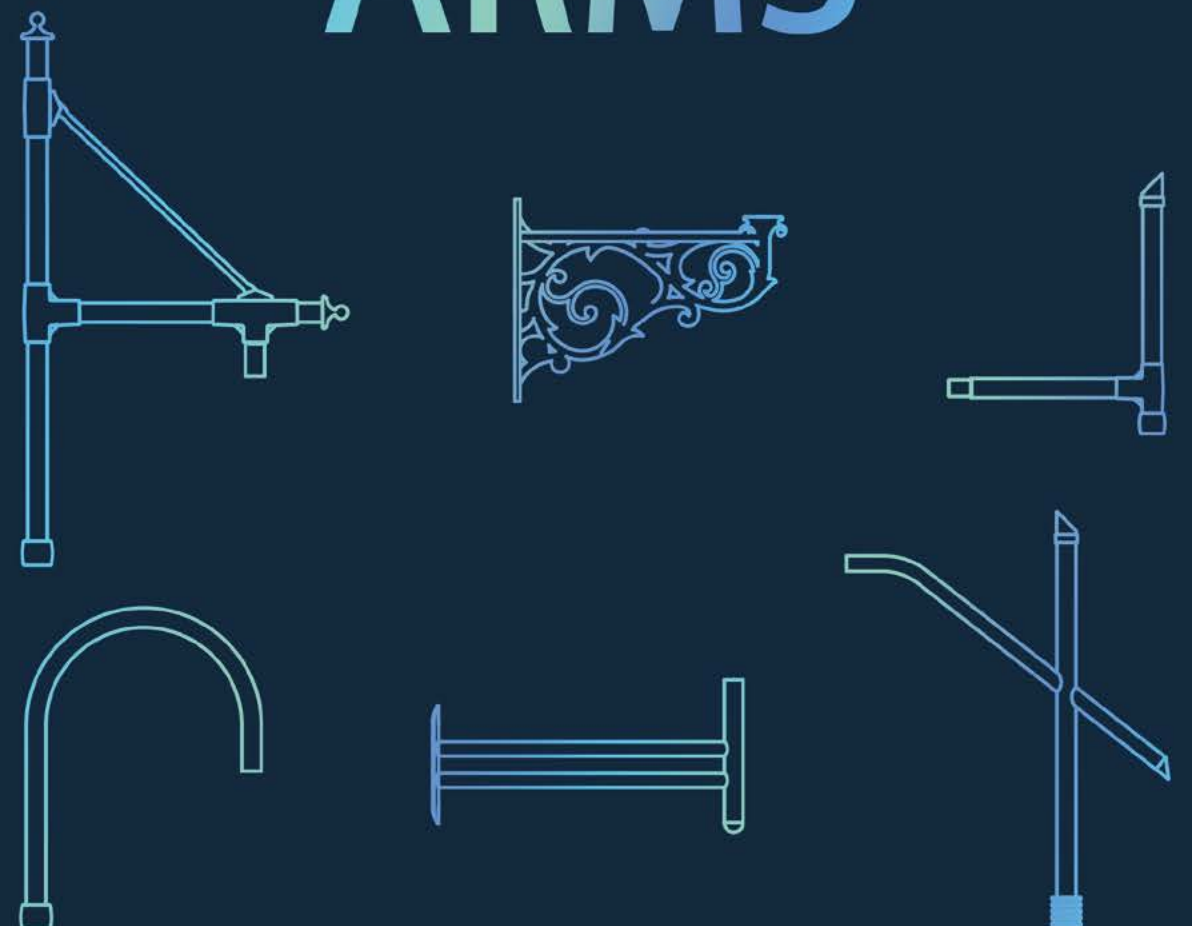
Anti electrocution



10 year warranty



ARMS



Classics



BS-40 384 BS-70 384 BS-90 385

Curved



A-1 388 BC-35 388 BCI-40 389 CD-60 390 CD-100 390



CDI-40 391 CDI-80 391 CDI-160 392 CDI-160 392 DC-100 393



DM-40 393 DM-40 393 DM-100 394 DMH-100 395 DMH-100 395

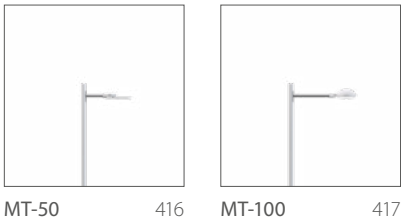
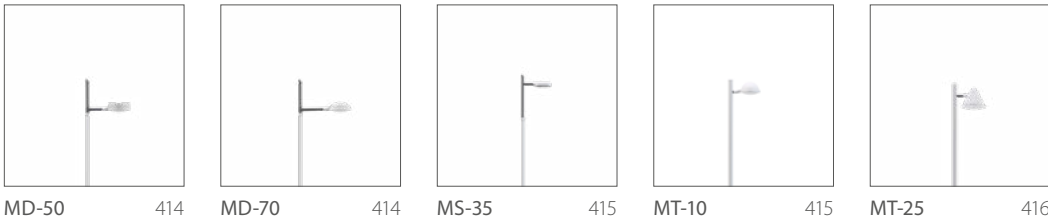
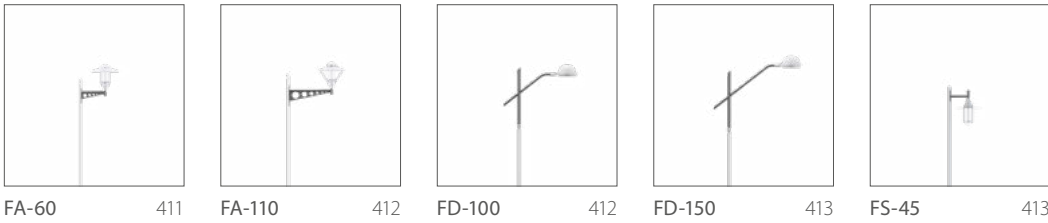
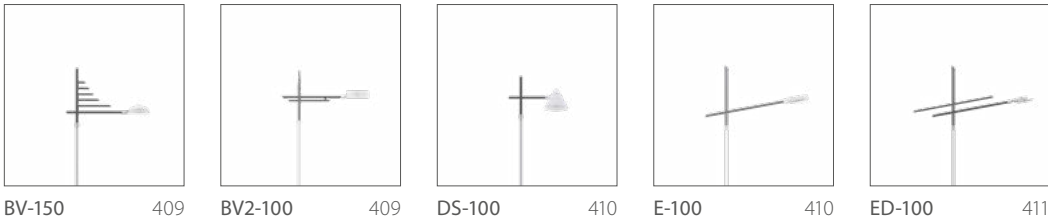
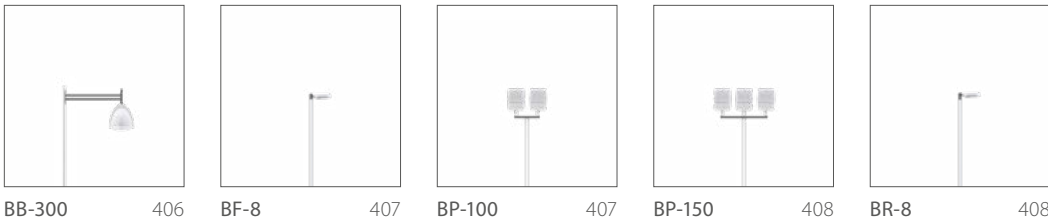
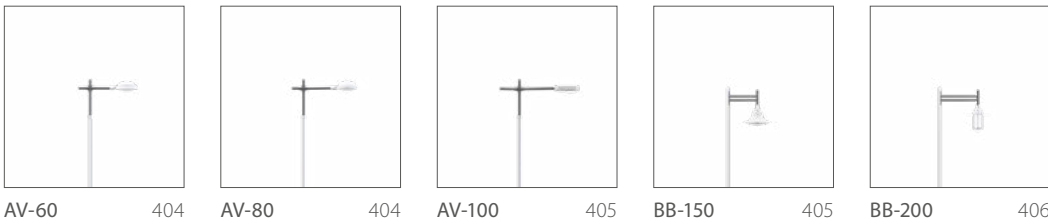


DPA 396 DPA 396 FK-75 397 FK-110 397 FK-110 397



FV-70 (5°) 398 FV-80 399 FV-130 399 FX-100 400 FX-100 400

Straight



Braces



Luminaire: **Litoral S** (page 236) | Arm: **BS-70** (page 384) | Column: **Avenida** (page 456)



CLASSICS

BS-40



Luminaire:
Litoral A (page 233)

Specifications	
Coupling	-
Material	S7
Coating	-
Insulation class	Class II
Optional Class II	-
Comprehensive warranty	10 years

		
WALL 1.01	ATTACHED (1X) 1.05	ATTACHED (1X) 1.06
		
ATTACHED (2X) 2.09	ATTACHED (2X) 2.10	ATTACHED (4X) 4.20

Standard colours

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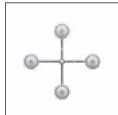








Specifications	
Coupling	-
Material	S7
Coating	-
Insulation class	Class II
Optional Class II	-
Comprehensive warranty	10 years

		
WALL 1.01	ATTACHED (1X) 1.05	ATTACHED (1X) 1.06
		
ATTACHED (2X) 2.09	ATTACHED (2X) 2.10	ATTACHED (4X) 4.20

Standard colours

**Pág. 431









BS-90



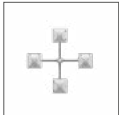
Luminaire:
Siglo XLA (page 205)

BS-70



Luminaire:
Villa XLA (page 218)

Specifications	
Coupling	-
Material	S7
Coating	-
Insulation class	Class II
Optional Class II	-
Comprehensive warranty	10 years

		
WALL 1.01	ATTACHED (1X) 1.05	ATTACHED (1X) 1.06
		
ATTACHED (2X) 2.09	ATTACHED (2X) 2.10	ATTACHED (4X) 4.20

Standard colours

**Pág. 431













CURVED

Luminaire: **Aire® 3 Series floodlight** (page 348) | Arm: **A-1** (page 388) | Column: **Simple** (page 452)

A-1



Luminaire:
Aire® Serie 3 (page 178)

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



INTEGRATED (1X) 1.04

* This arm is exclusive for Aire® 3 Series luminaire.

Standard colours **Pág. 431



Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



ATTACHED (1X) 1.04

Standard colours **Pág. 431

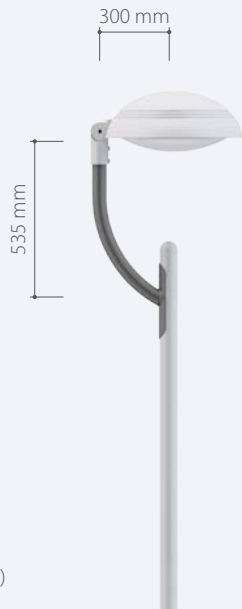


BCI-40



Luminaire:
Globo BLCI (page 304)

BC-35



Luminaire:
Evolución LC (page 280)

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



ATTACHED (1X) 1.04



ATTACHED (2X) 2.09

Standard colours **Pág. 431



Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



WALL 1.02



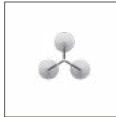
INTEGRATED (1X) 1.04



ATTACHED (1X) 1.06



ATTACHED (2X) 2.10



ATTACHED (3X) 3.26



ATTACHED (4X) 4.20

Standard colours **Pág. 431



CD-45



Luminaire:
Venus OLS (page 361)



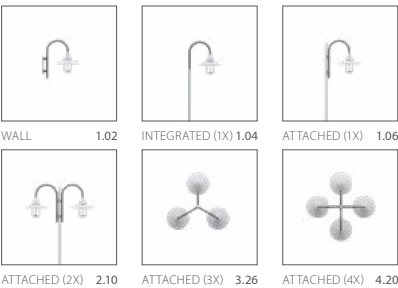
CD-60



Luminaire:
Alfa 1S (page 190)

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



Standard colours ****Pág. 431**



Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



Standard colours ****Pág. 431**



CDI-40



Luminaire:
Globo BLCI (page 304)

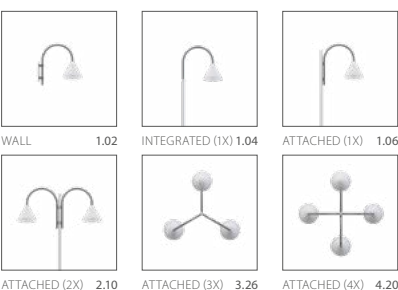
CD-100



Luminaire:
Cónica OLS (page 254)

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



Standard colours ****Pág. 431**



Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



Standard colours ****Pág. 431**



CDI-80



Luminaire:
Astral BLCI (page 302)



CDI-160



Luminaire:
Astral LI (page 302)

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



INTEGRATED (1X) 1.04

Standard colours ****Pág. 431**



Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



WALL



ATTACHED (1X)



ATTACHED (2X) 2.09

Standard colours ****Pág. 431**



DC-100



Luminaire:
Malaki XLTA2 (page 203)

DC-80



Luminaire:
Litoral A (page 233)

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



WALL



ATTACHED (1X)



ATTACHED (2X) 2.09

Standard colours ****Pág. 431**



Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



INTEGRATED (1X) 1.04



INTEGRATED (2X) 2.10

Standard colours ****Pág. 431**



DM-40



Luminaire:
Metrópoli LLC (page 315)



DM-100



Luminaire:
Metrópolis ELC (page 317)

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



INTEGRATED (1X) 1.04



INTEGRATED (2X) 2.10

Standard colours

**Pág. 431

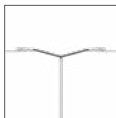


Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



INTEGRATED (1X) 1.04



INTEGRATED (2X) 2.10

Standard colours

**Pág. 431



DMH-100



Luminaire:
Aire® 7 Series (page 179)

DMH-40



Luminaire:
Aire® 5 Series (page 178)

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



INTEGRATED (1X) 1.04



INTEGRATED (2X) 2.10

Standard colours

**Pág. 431



Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



WALL (1X) 1.01



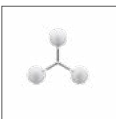
INTEGRATED (1X) 1.04



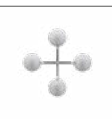
ATTACHED (1X) 1.06



ATTACHED (2X) 2.10



ATTACHED (3X) 3.26



ATTACHED (4X) 4.20

Standard colours

**Pág. 431



DP-150



Luminaire:
Evolución LC (page 280)



DPA



Luminaire:
Aire® 3 Series (page 178)

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



INTEGRADO (1X) 1.04

Standard colours **Pág. 431



Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



WALL 1.02



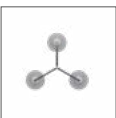
INTEGRATED (1X) 1.04



ATTACHED (1X) 1.06



ATTACHED (2X) 2.10



ATTACHED (3X) 3.26



ATTACHED (4X) 4.20

Standard colours **Pág. 431



FK-75



Luminaire:
Alfa 5S (page 191)

FJ-80



Luminaire:
Cónica OLH (page 253)

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



WALL 1.01



ATTACHED (1X) 1.04



ATTACHED (2X) 2.11

Standard colours **Pág. 431



Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



WALL (1X) 1.02



INTEGRATED (1X) 1.04



ATTACHED (1X) 1.06



ATTACHED (2X) 2.10



ATTACHED (3X) 3.26



ATTACHED (4X) 4.20

Standard colours **Pág. 431



FK-110



Luminaire:
Pescador LS (page 300)



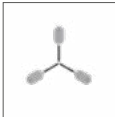
FV-40 (5°)



Luminaire:
Enur Micro (page 273)

Specifications

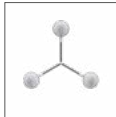
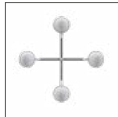
Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years

		
WALL (1X) 1.02	INTEGRATED (1X) 1.04	ATTACHED (1X) 1.06
		
ATTACHED (2X) 2.10	ATTACHED (3X) 3.26	ATTACHED (4X) 4.20

Standard colours **Pág. 431

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years

		
WALL (1X) 1.02	INTEGRATED (1X) 1.04	ATTACHED (1X) 1.06
		
ATTACHED (2X) 2.10	ATTACHED (3X) 3.26	ATTACHED (4X) 4.20

Standard colours **Pág. 431

FV-80



Luminaire:
Metrópoli LBP (page 314)

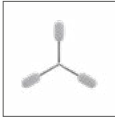
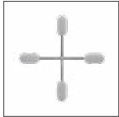
FV-70 (5°)



Luminaire:
Enur L (page 272)

Specifications

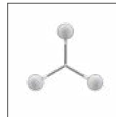
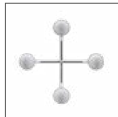
Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years

		
WALL (1X) 1.02	INTEGRATED (1X) 1.04	ATTACHED (1X) 1.06
		
ATTACHED (2X) 2.10	ATTACHED (3X) 3.26	ATTACHED (4X) 4.20

Standard colours **Pág. 431

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years

		
WALL (1X) 1.02	INTEGRATED (1X) 1.04	ATTACHED (1X) 1.06
		
ATTACHED (2X) 2.10	ATTACHED (3X) 3.26	ATTACHED (4X) 4.20

Standard colours **Pág. 431

FV-130



Luminaire:
Metrópoli EBP (page 316)

FX-100



Luminaire:
Metrópolis LBP (page 314)

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years

		
WALL (1X)	ATTACHED (1X)	ATTACHED (2X)
1.02	1.06	2.10

Standard colours **Pág. 431



Luminária: **Enur Micro** (page 273) | Brazo: **FV-40 (5°)** (page 398) | Columna: **Simple** (page 452)



STRAIGHT

AV-60



Luminaire:
Evolución LC (page 280)

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	Yes
Comprehensive warranty	10 years



WALL 1.02 INTEGRATED (1X) 1.04 INTEGRATED (2X) 2.10

Standard colours **Pág. 431

Specifications

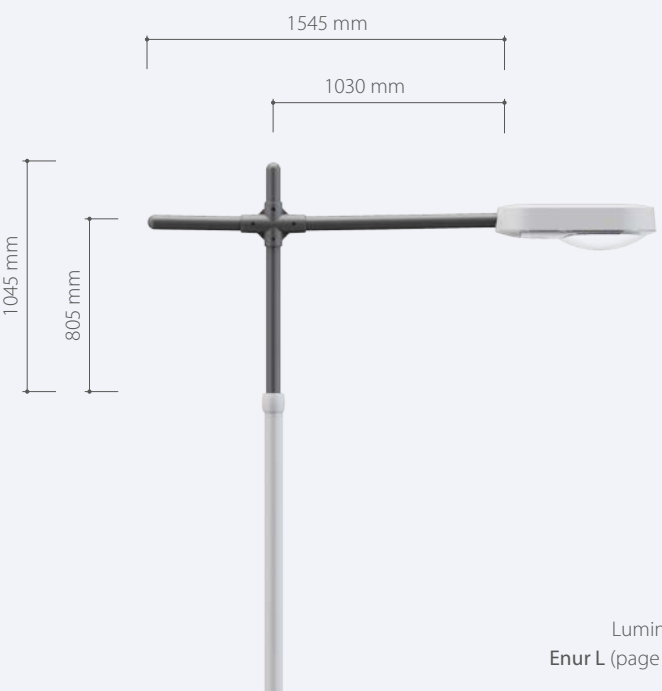
Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	Yes
Comprehensive warranty	10 years



WALL 1.02 INTEGRATED (1X) 1.04 INTEGRATED (2X) 2.10

Standard colours **Pág. 431

AV-100



Luminaire:
Enur L (page 272)

AV-80



Luminaire:
Metrópoli LLC (page 315)

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	Yes
Comprehensive warranty	10 years

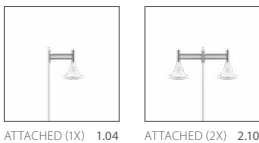


WALL 1.02 INTEGRATED (1X) 1.04 INTEGRATED (2X) 2.10

Standard colours **Pág. 431

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



ATTACHED (1X) 1.04 ATTACHED (2X) 2.10

Standard colours **Pág. 431

BB-150



Luminaire:
Pescador LS (page 300)



BB-200



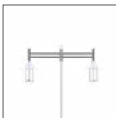
Luminaire:
Alfa 5S (page 191)

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



ATTACHED (1X) 1.04



ATTACHED (2X) 2.10

Standard colours

**Pág. 431



Specifications

Coupling	50 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class II
Optional Class II	Yes
Comprehensive warranty	10 years



INTEGRATED (1X) 1.04



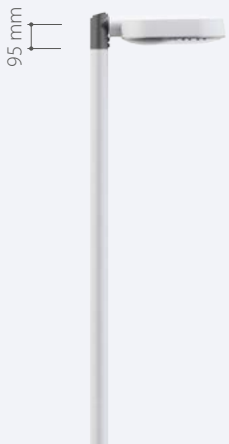
INTEGRATED (2X) 2.10

Standard colours

**Pág. 431



BF-8



Luminaire:
Enur Micro (page 273)

BB-300



Luminaire:
Venus 20LS (page 363)

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



ATTACHED (1X) 1.04



ATTACHED (2X) 2.10

Standard colours

**Pág. 431



Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



INTEGRATED (2X) 2.09

Standard colours

**Pág. 431



BP-100



Luminaire:
Orión (page 338)



BP-150



Luminaire:
Orión (page 338)

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



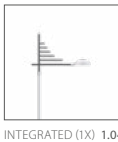
INTEGRATED (1X) 3.09

Standard colours **Pág. 431

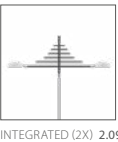


Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



INTEGRATED (1X) 1.04

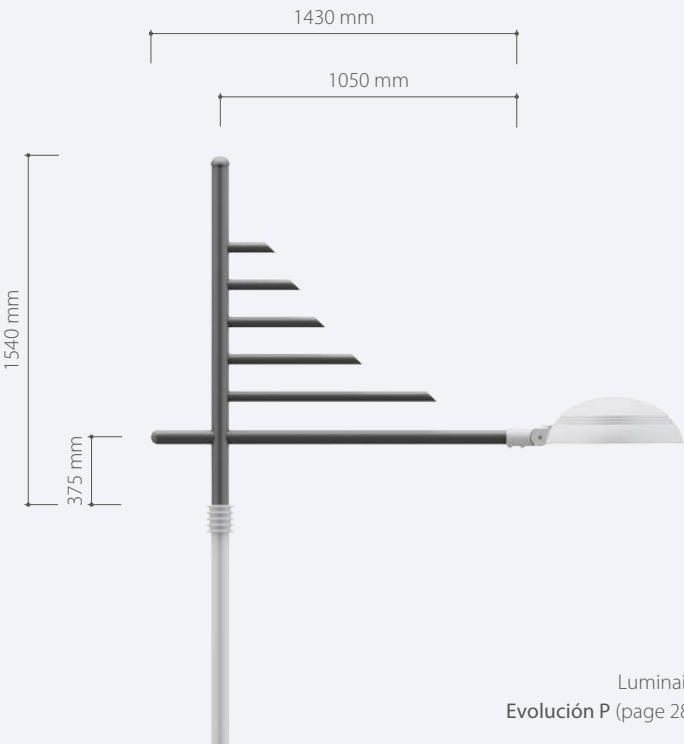


INTEGRATED (2X) 2.09

Standard colours **Pág. 431



BV-150



Luminaire:
Evolución P (page 280)

BR-8



Luminaire:
Enur Micro (page 273)

Specifications

Coupling	50 y 60 mm.
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class II
Optional Class II	Yes
Comprehensive warranty	10 years



INTEGRATED (1X) 1.04

Standard colours **Pág. 431



Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



INTEGRATED (1X) 1.05

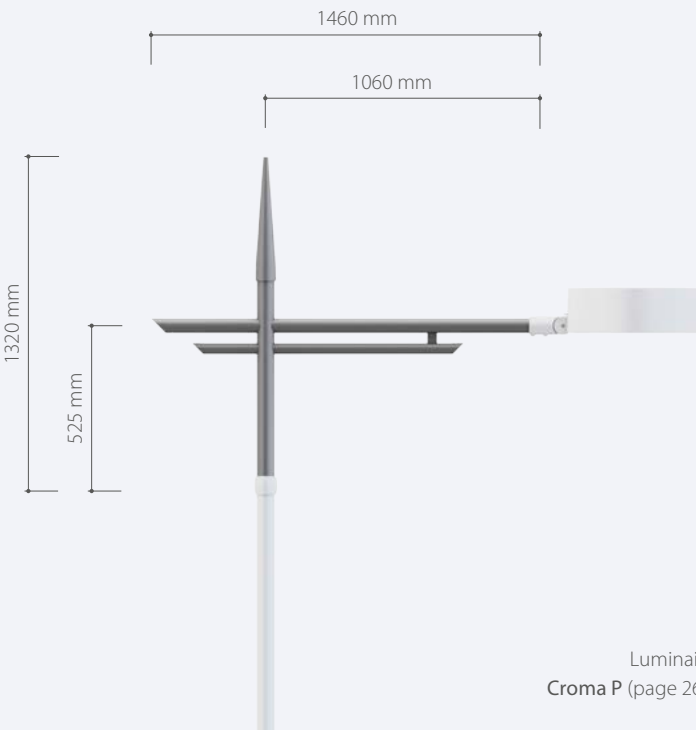


INTEGRATED (2X) 2.11

Standard colours **Pág. 431



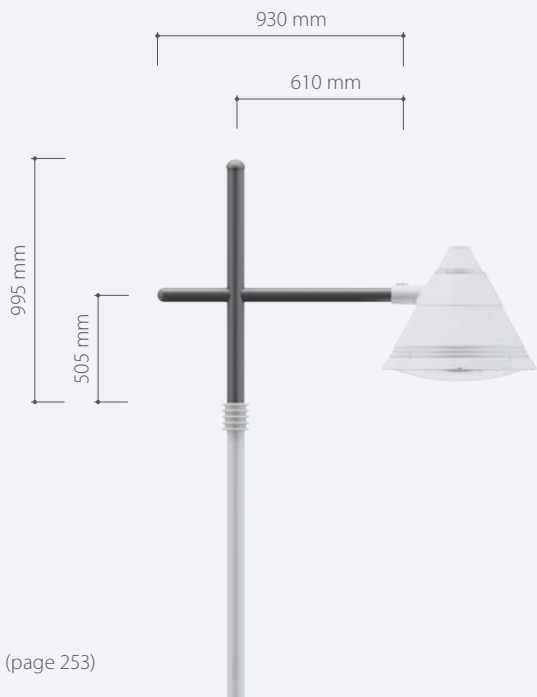
BV2-100



Luminaire:
Croma P (page 264)



DS-100



Luminaire:
Cónica OLH (page 253)

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



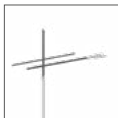
INTEGRATED (1X) 1.04

Standard colours **Pág. 431



Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years

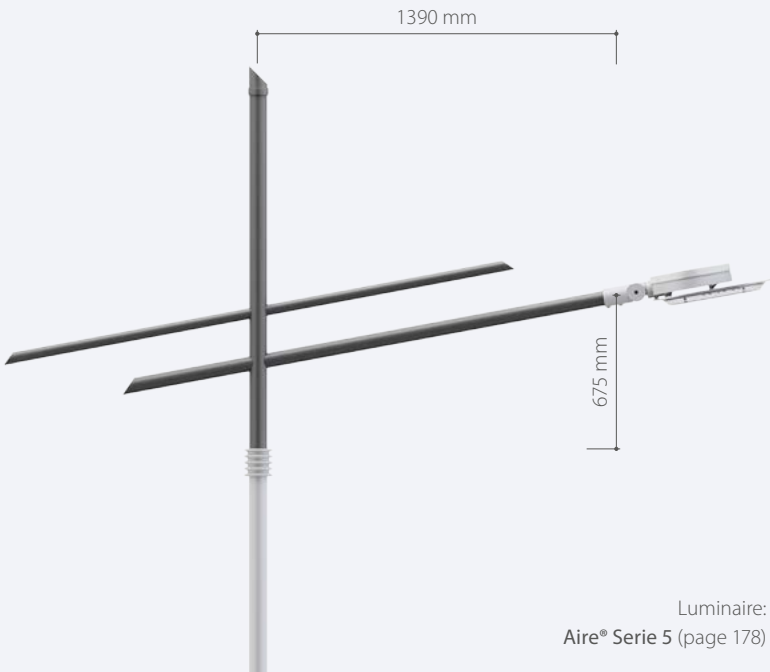


INTEGRATED (1X) 1.04

Standard colours **Pág. 431

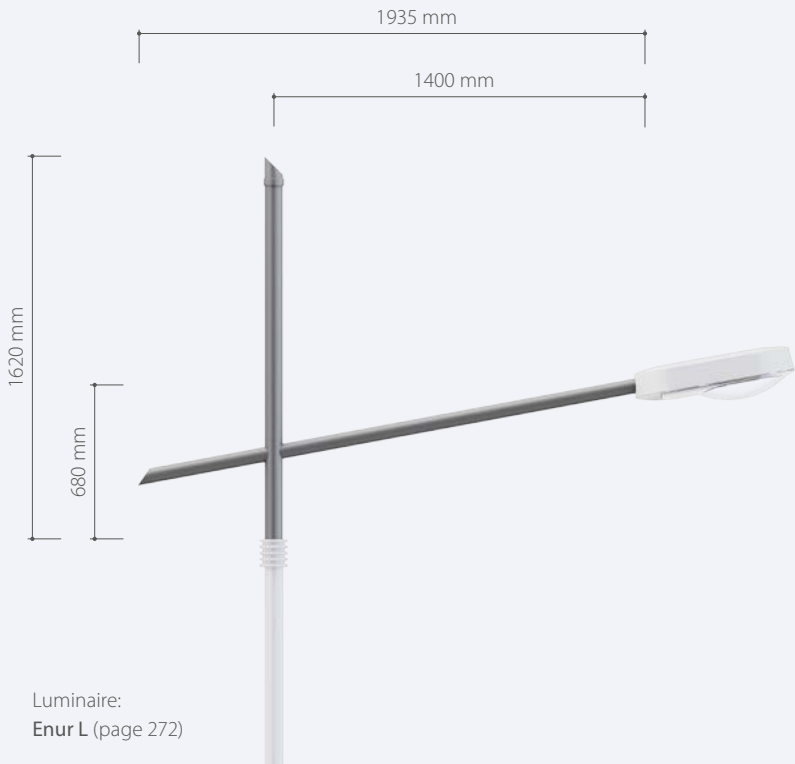


ED-100



Luminaire:
Aire® Serie 5 (page 178)

E-100



Luminaire:
Enur L (page 272)

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



INTEGRATED (1X) 1.04

Standard colours **Pág. 431



Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



WALL

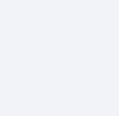


1.01



ATTACHED (1X)

1.05



ATTACHED (2X)

2.09

Standard colours **Pág. 431

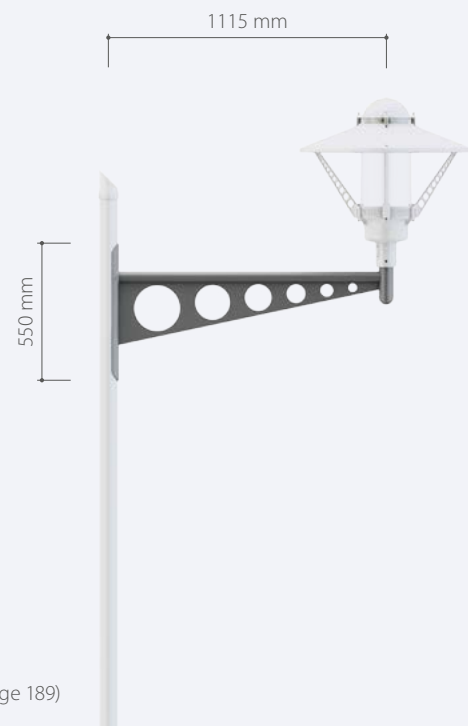


FA-60



Luminaire:
Alfa 8A (page 189)

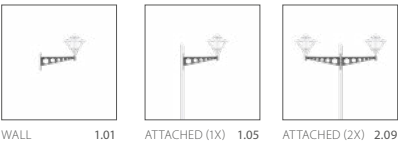
FA-110



Luminaire:
Alfa 8A (page 189)

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



WALL 1.01 ATTACHED (1X) 1.05 ATTACHED (2X) 2.09

Standard colours **Pág. 431



Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



INTEGRATED (1X) 1.05 INTEGRATED (1X) 1.04 INTEGRATED (2X) 2.10

Standard colours **Pág. 431



FD-150



Luminaire:
Metrópolis EBP (page 316)

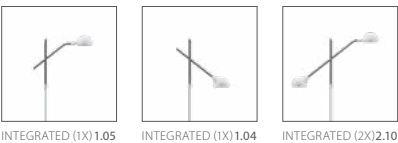
FD-100



Luminaire:
Metrópolis EBP (page 316)

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



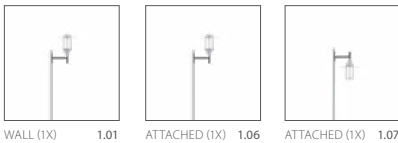
INTEGRATED (1X) 1.05 INTEGRATED (1X) 1.04 INTEGRATED (2X) 2.10

Standard colours **Pág. 431

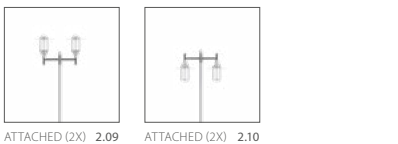


Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



WALL (1X) 1.01 ATTACHED (1X) 1.06 ATTACHED (1X) 1.07



ATTACHED (2X) 2.09 ATTACHED (2X) 2.10

Standard colours **Pág. 431



FS-45



Luminaire:
Alfa 5S (page 191)



MD-50



Luminaire:
Croma LC (page 264)

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class II
Optional Class II	-
Comprehensive warranty	10 years



INTEGRATED (1X) 1.04

Standard colours **Pág. 431



Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years

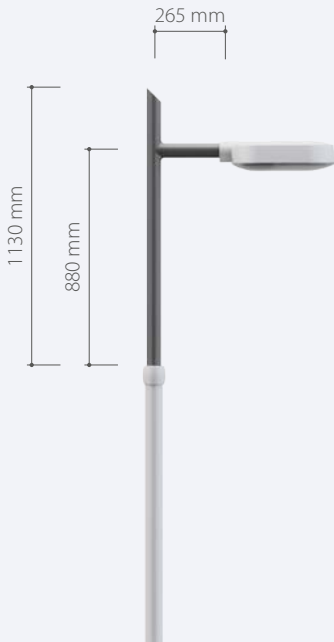


INTEGRATED (1X) 1.04

Standard colours **Pág. 431



MS-35



Luminaire:
Enur Micro (page 273)

MD-70



Luminaire:
Evolución LC (page 280)

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class II
Optional Class II	-
Comprehensive warranty	10 years



INTEGRATED (1X) 1.04

Standard colours **Pág. 431



Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years
Optional tilt	5° o 15°



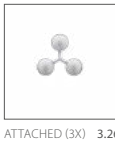
WALL 1.02



ATTACHED (1X) 1.06



ATTACHED (2X) 2.10



ATTACHED (3X) 3.26



ATTACHED (4X) 4.20

Standard colours **Pág. 431



MT-10



Luminaire:
Metrópoli ELC (page 317)



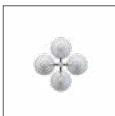
MT-25



Luminaire:
Cónica OLH (page 253)

Specifications

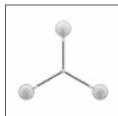
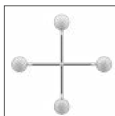
Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years
Optional tilt	5° o 15°

		
WALL 1.02	ATTACHED (1X) 1.06	ATTACHED (2X) 2.10
		
ATTACHED (3X) 3.26	ATTACHED (4X) 4.20	

Standard colours **Pág. 431

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years
Optional tilt	5° o 15°

		
ATTACHED (1X) 1.06	ATTACHED (2X) 2.10	ATTACHED (3X) 3.26
		
ATTACHED (4X) 4.20		

Standard colours **Pág. 431

MT-100



Luminaire:
Metrópoli LBLC (page 315)

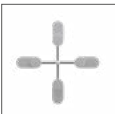
MT-50



Luminaire:
Aire® 7 Series (page 179)

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years
Optional tilt	5° o 15°

		
ATTACHED (1X) 1.06	ATTACHED (2X) 2.10	ATTACHED (3X) 3.26
		
ATTACHED (4X) 4.20		

Standard colours **Pág. 431



Luminaire: **Paseo S** (page 299) | Arm: **BG-60** (page 420) | Column: **Nova** (page 459)



BRACES

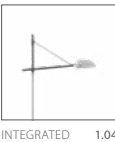
BD-120



Luminaire:
Orión (page 338)

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



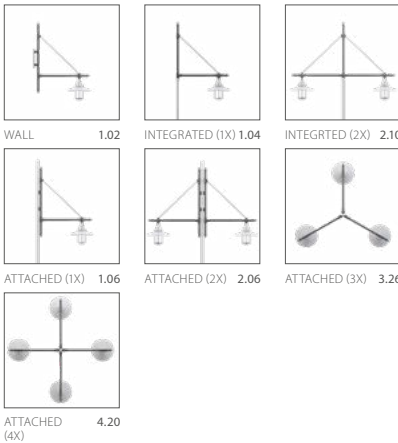
INTEGRATED 1.04

Standard colours ****Pág. 431**



Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	Yes
Comprehensive warranty	10 years



Standard colours ****Pág. 431**



BG-125



Luminaire:
Alfa 5S (page 191)

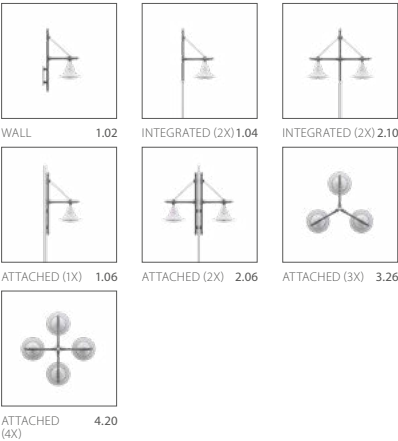
BG-60



Luminaire:
Pescador LS (page 300)

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	Yes
Comprehensive warranty	10 years

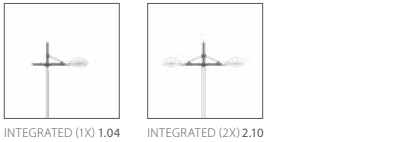


Standard colours ****Pág. 431**



Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	Yes
Comprehensive warranty	10 years



Standard colours ****Pág. 431**



BM-60



Luminaire:
Metrópolis LBLC (page 315)



BM-100



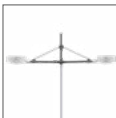
Luminaire:
Croma LC (page 264)

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	Yes
Comprehensive warranty	10 years



INTEGRATED (1X) 1.04



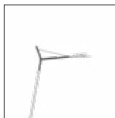
INTEGRATED (2X) 2.10

Standard colours ****Pág. 431**



Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



INTEGRATED (1X) 1.04

Standard colours ****Pág. 431**



DMK-100



Luminaire:
Alfa 5S (page 191)

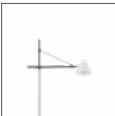
BM-150



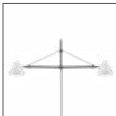
Luminaire:
Cónica OLH (page 253)

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	Yes
Comprehensive warranty	10 years



INTEGRATED (1X) 1.04



INTEGRATED (2X) 2.10

Standard colours ****Pág. 431**



Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



ATTACHED (1X) 1.06



ATTACHED (2X) 2.10

Standard colours ****Pág. 431**



DT-90



Luminaire:
Cónica OPS (page 255)



DV-90



Luminaire:
Cónica OPS (page 255)

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



ATTACHED (1X) 1.06



ATTACHED (2X) 2.10

Standard colours **Pág. 431



Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



WALL 1.01



WALL (1X) 1.02



ATTACHED (1X) 1.05



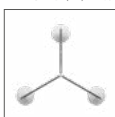
ATTACHED (1X) 1.06



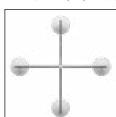
ATTACHED (2X) 2.09



ATTACHED (3X) 2.10



ATTACHED (4X) 3.25/26



ATTACHED (4X) 4.19/4.20

Standard colours **Pág. 431

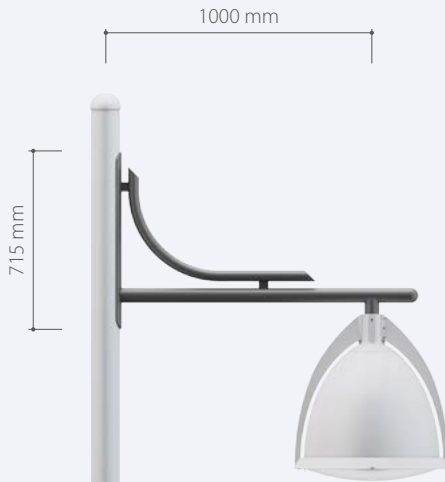


FC-140



Luminaire:
Venus 20LS (page 363)

FC-100



Luminaire:
Venus 20LS (page 363)

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



WALL 1.01



WALL (1X) 1.02



ATTACHED (1X) 1.05



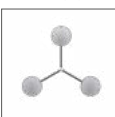
ATTACHED (1X) 1.06



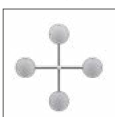
ATTACHED (2X) 2.09



ATTACHED (2X) 2.10



ATTACHED (3X) 3.15/26



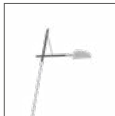
ATTACHED (4X) 4.19/4.20

Standard colours **Pág. 431



Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years

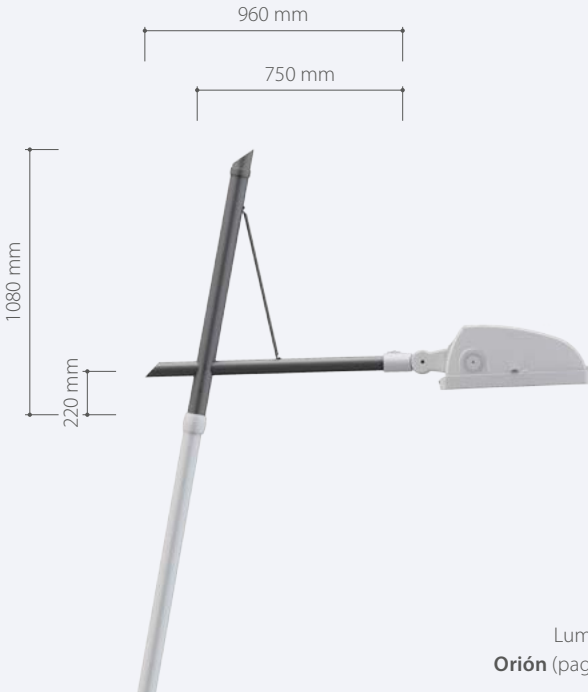


INTEGRATED (1X) 1.04

Standard colours **Pág. 431



MK-100



Luminaire:
Orión (page 338)



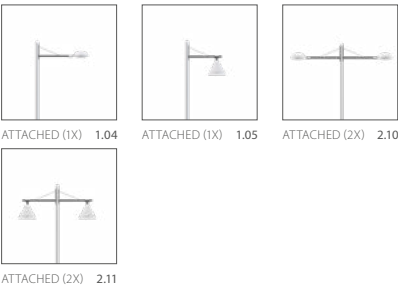
MO-115



Luminaire:
Metrópolis LLC (page 315)

Specifications

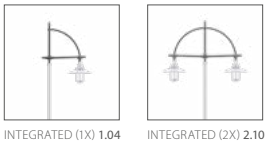
Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



Standard colours **Pág. 431

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



Standard colours **Pág. 431

PM-115



Luminaire:
Alfa 5S (page 191)

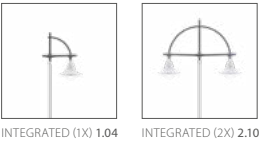
PM-85



Luminaire:
Pescador S (page 300)

Specifications

Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years



Standard colours **Pág. 431



Attached anchor

Anchor to attach arms to columns of 75/100/120 mm in diameter.



Integrated in column

Accessory to integrate arms at the top of the column. Available for 60/75/120 mm diameter columns.



Anchor for ATP columns

Anchor for attaching Classic arms to smooth 75 mm and fluted 100 mm diameter ATP columns.



Wall adapter

Double attachment accessory to fix arms to the wall.



Profile coupling

Coupling to the column integrated on the arm itself. Maximum number of arms attached at the same height:

- 75 mm diameter: three (3) arms.
- 120/164/205 mm diameter: four (4) arms.



 Standard colours and special colours

Our arms are available in four standard colours: black, dark grey, light grey, and green. We offer all RAL colours upon request. Consult options.



Luminaire: **Globo BLCI** (page 304) | Arm: **CDI-40** (page 391) | Column: **Atlas** (page 446)

Technical specifications

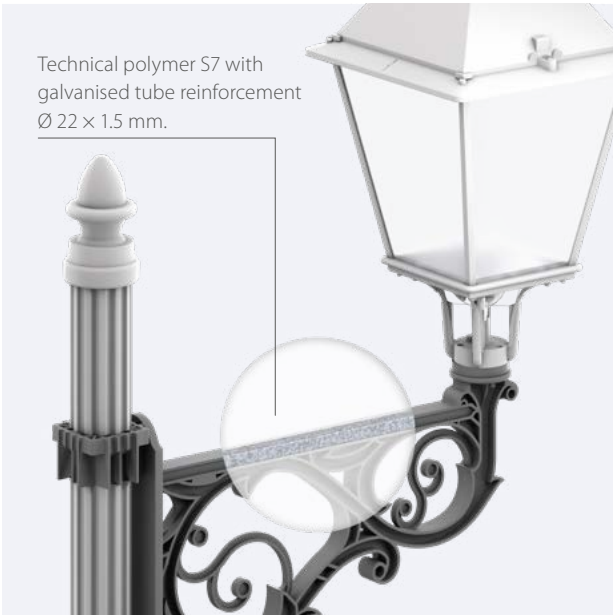
Class I

1.5 mm thick galvanised steel 60 mm in diameter, coated with high temperature polyester paint.



Class II

Reinforced engineered technical polymer S7 (models BS-40, BS-70 and BS-90).
Reinforced engineered technical polymer S7 with galvanized tube Ø 22 × 1.5 mm thick (models BS-70 and BS-90).



Class II optional

See availability in each model's specifications
Synergy Tube®: galvanized steel 1.5 mm thick and 60 mm in diameter, coated with reinforced engineered polymer S7.





Immune to corrosion



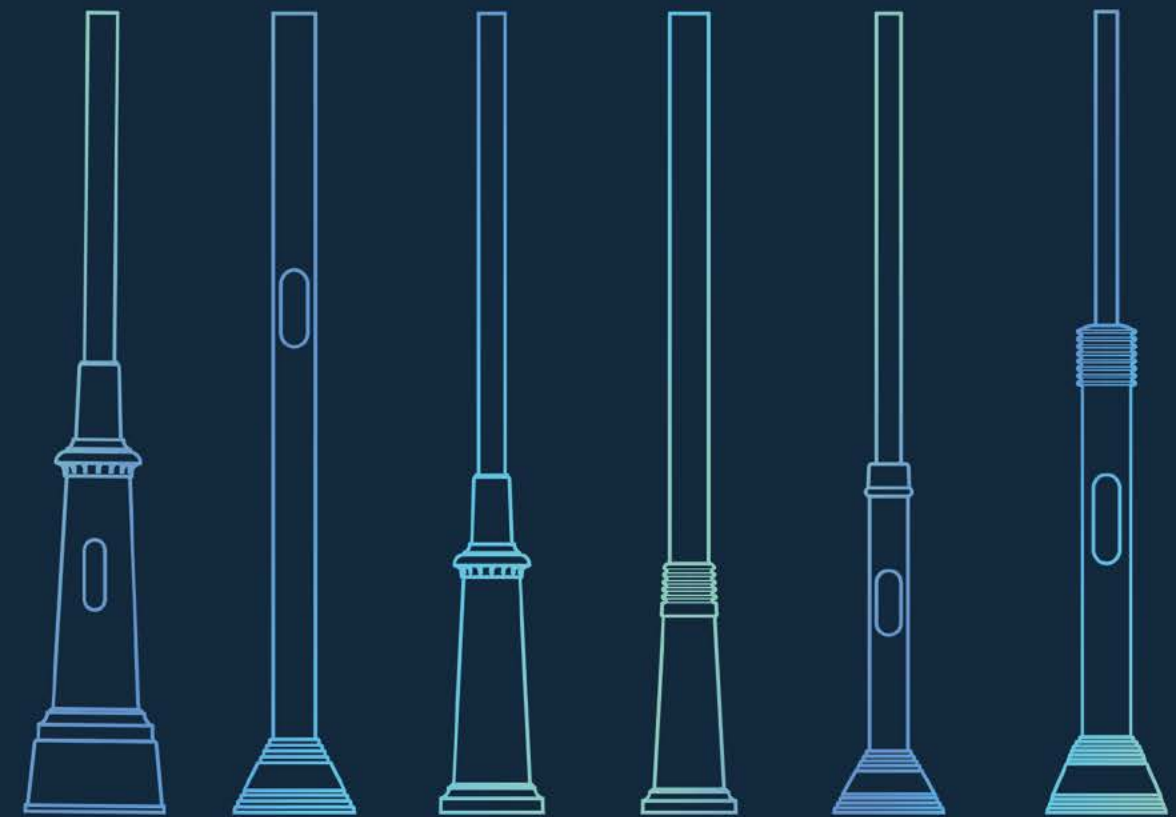
Totally hermetic



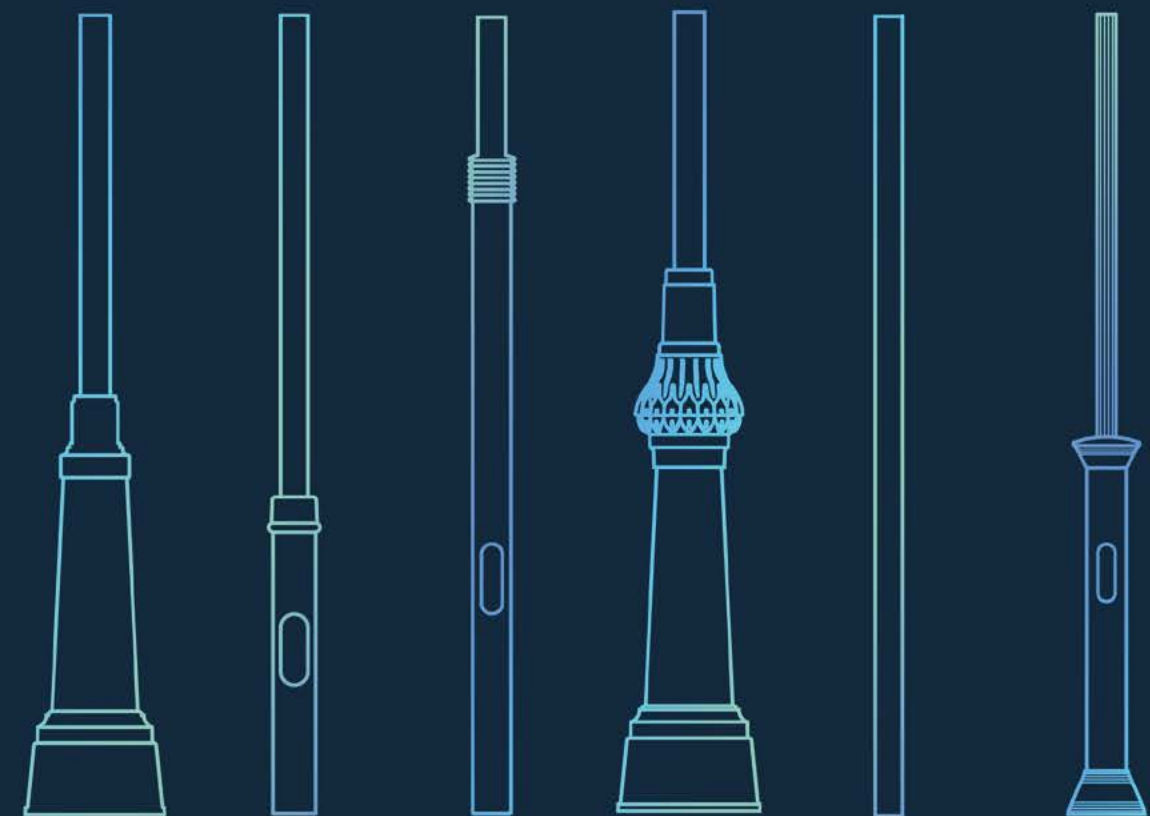
Beyond vandal proof

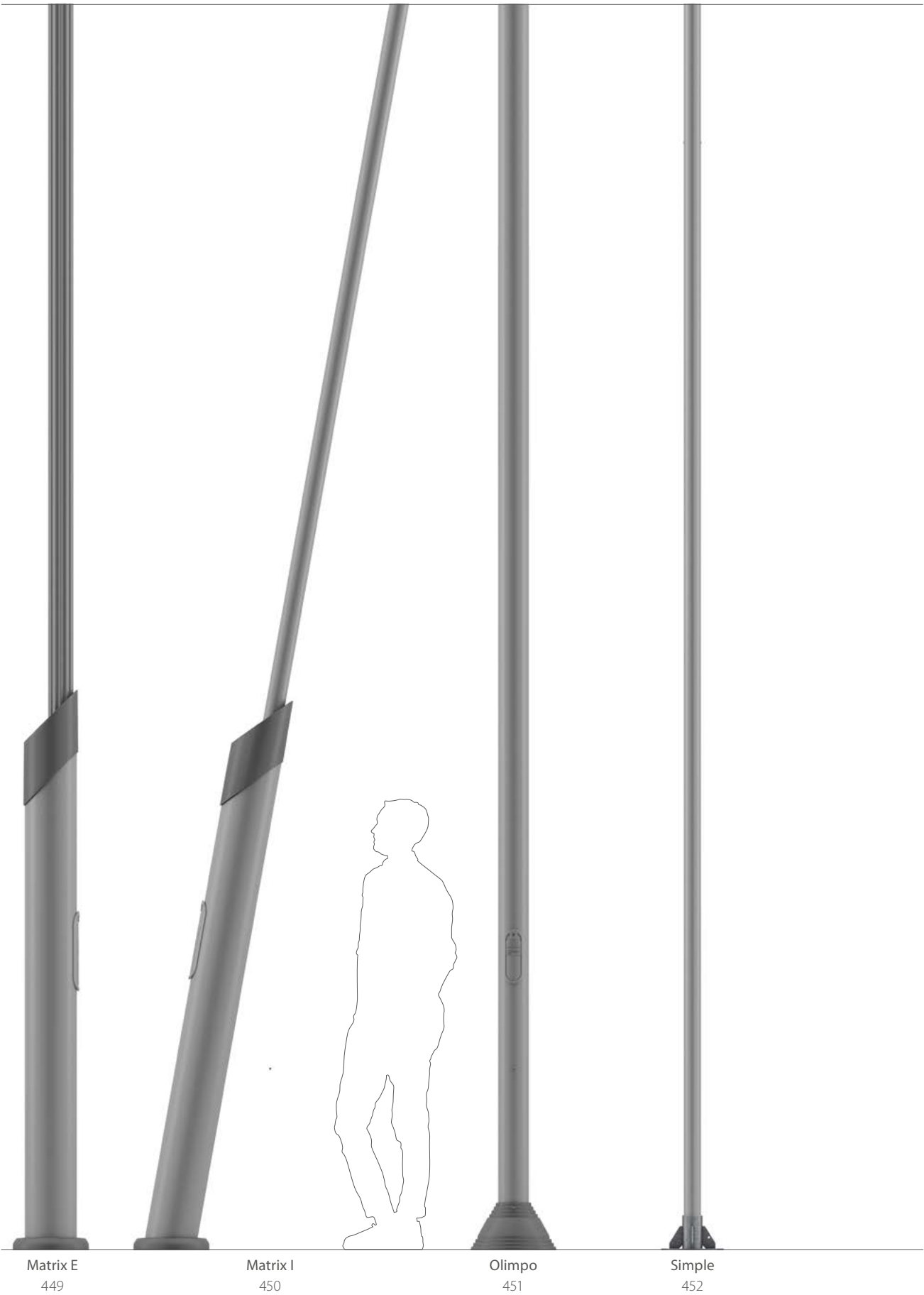


Class II+ anti-electrocution



COLUMNS







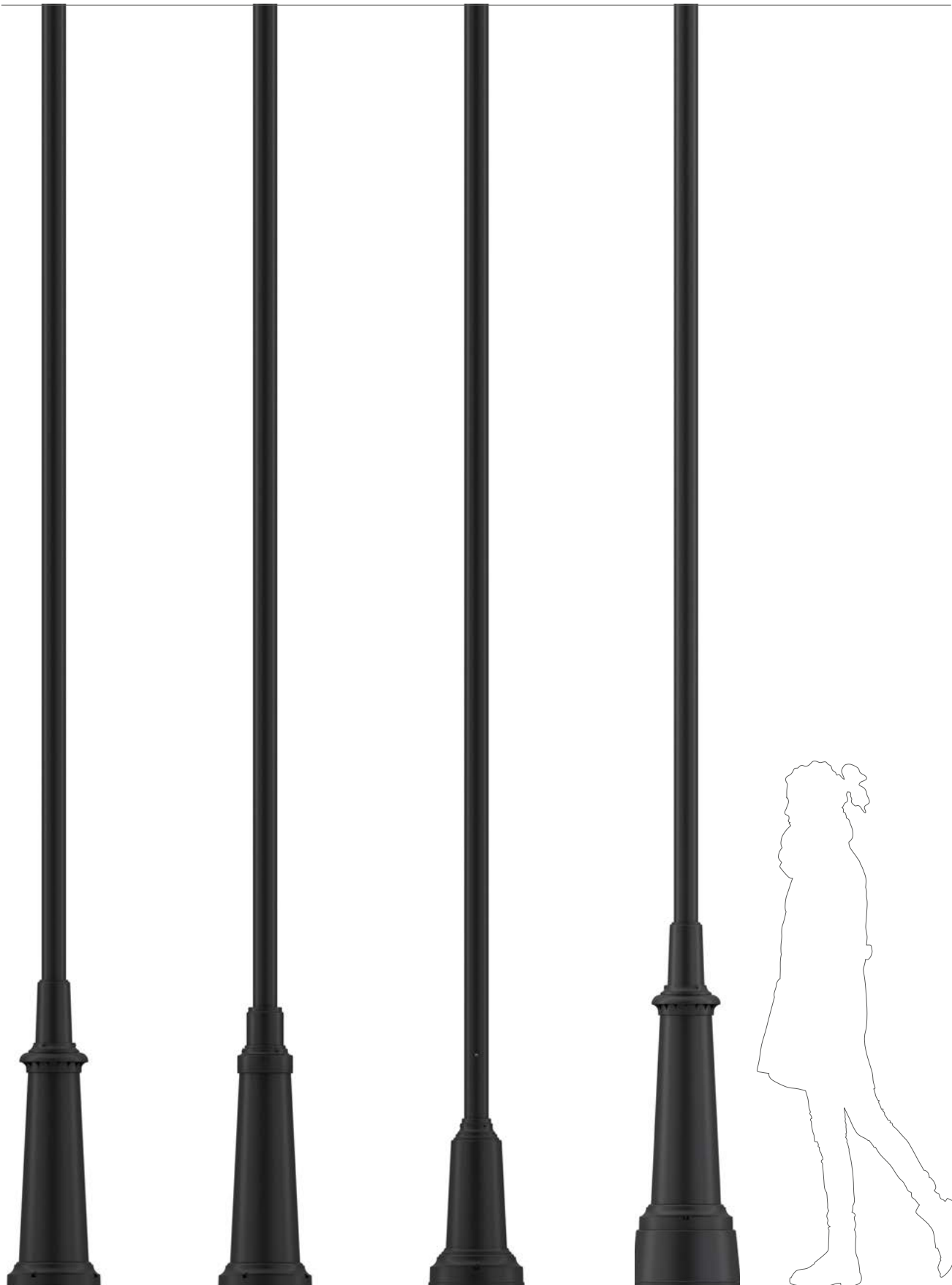
Avenida
456

Avenida Súper
457

Colonial
458

Nova
459

Nova E
460

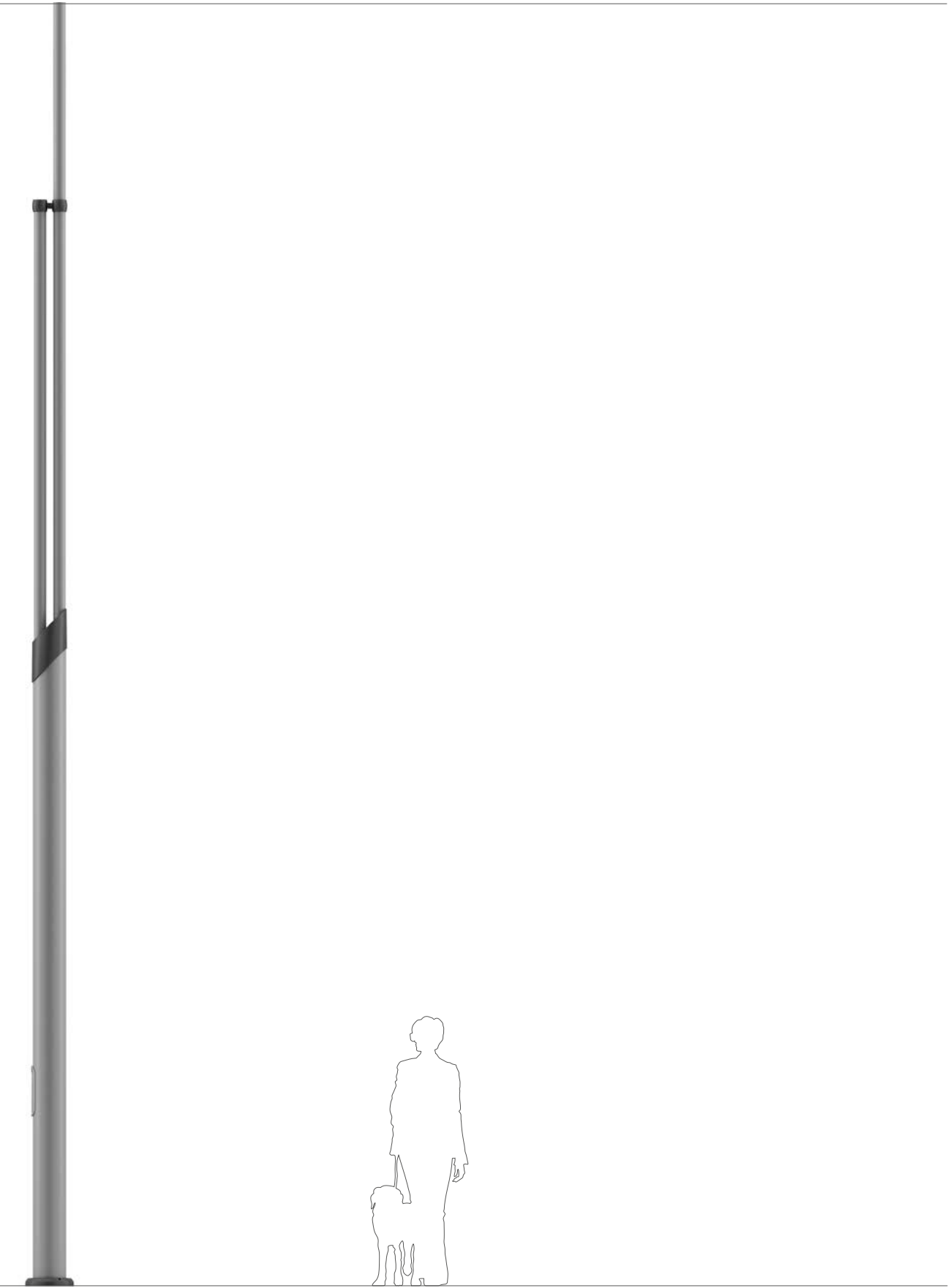
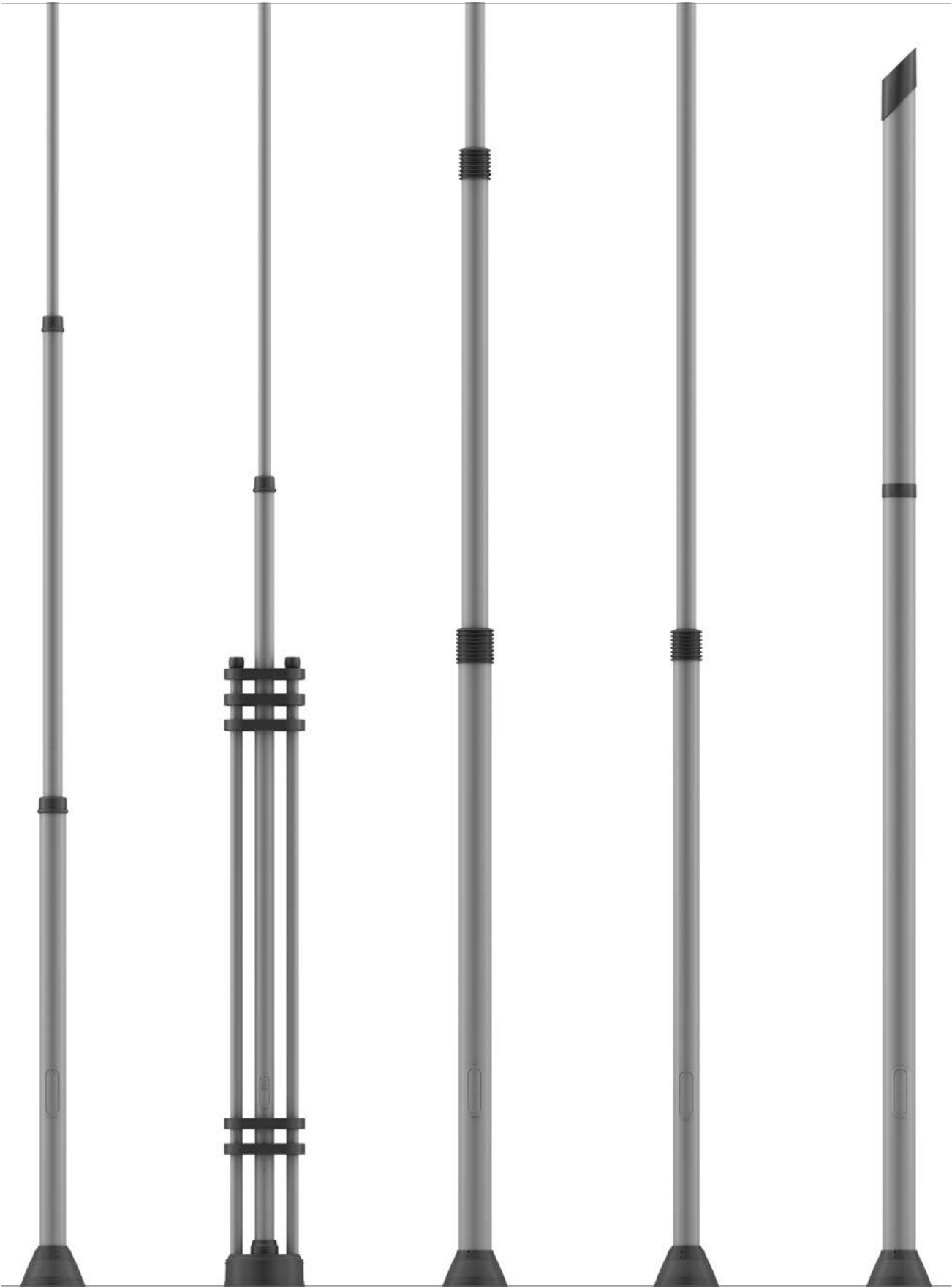


Parque
461

Patio
462

Primera
463

Urbe
464



Atlas Plus 468 Atlas Plus 468 Atlas Plus 468 Coliseo Super 471 Bulevar 469

Matrix Duo 1 473

Luminaire: **Evolución LC** (page 280) | Column: **Matrix I** (page 450)

FUNCTIONAL

Specifications

Coupling	50/60/75 mm
Optional base	Yes
Comprehensive warranty	10 years

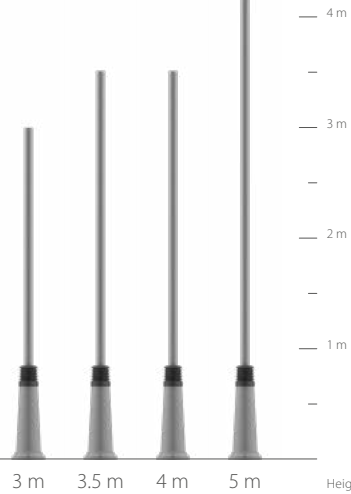
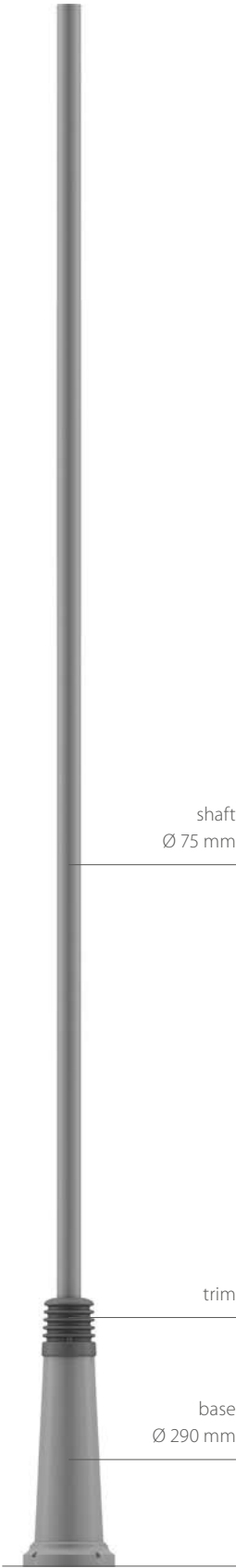
Standard colours



Anchoring

Type	150
Distance between bolts	150 x150 mm
Bolt length	300 mm
Metrics	M14

(See detail on page 482)



ARU-030	ARU-035	ARU-040	ARU-050	Height	Anchoring	Reference
150	150	150	150			

Specifications

Coupling	50/60/75 mm
Optional base	No
Comprehensive warranty	10 years

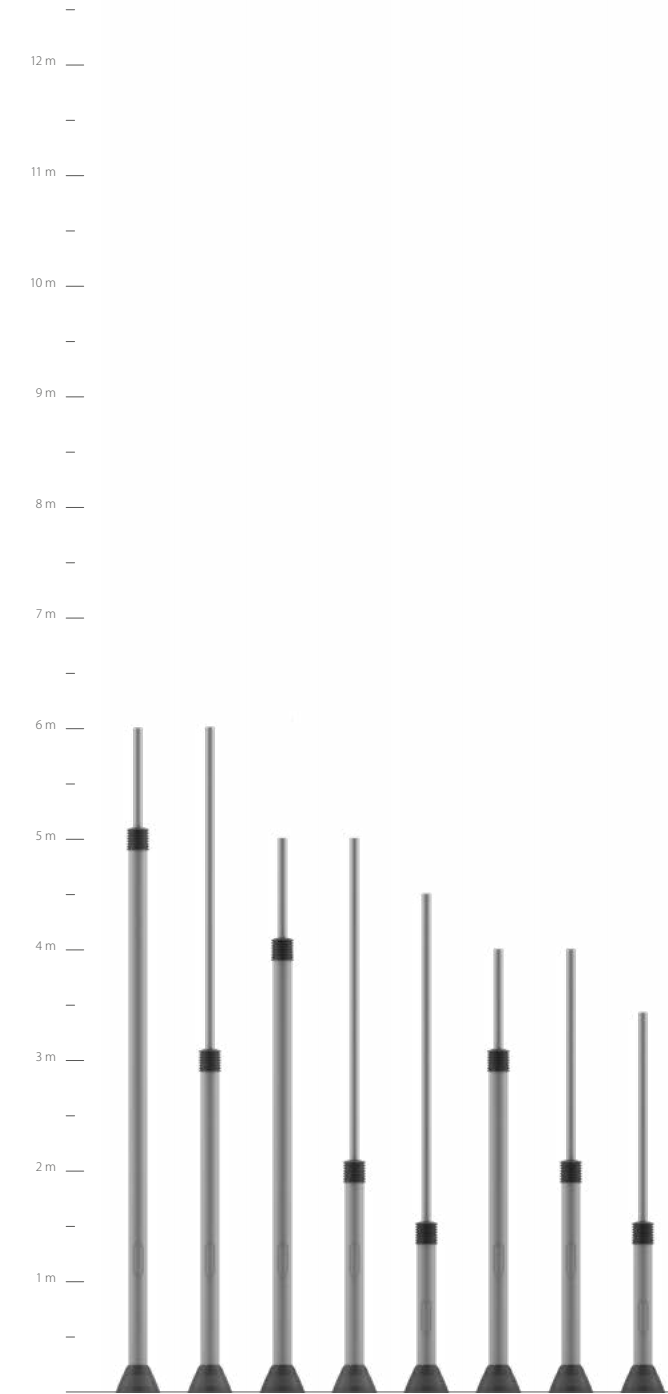
Standard colours



Anchoring

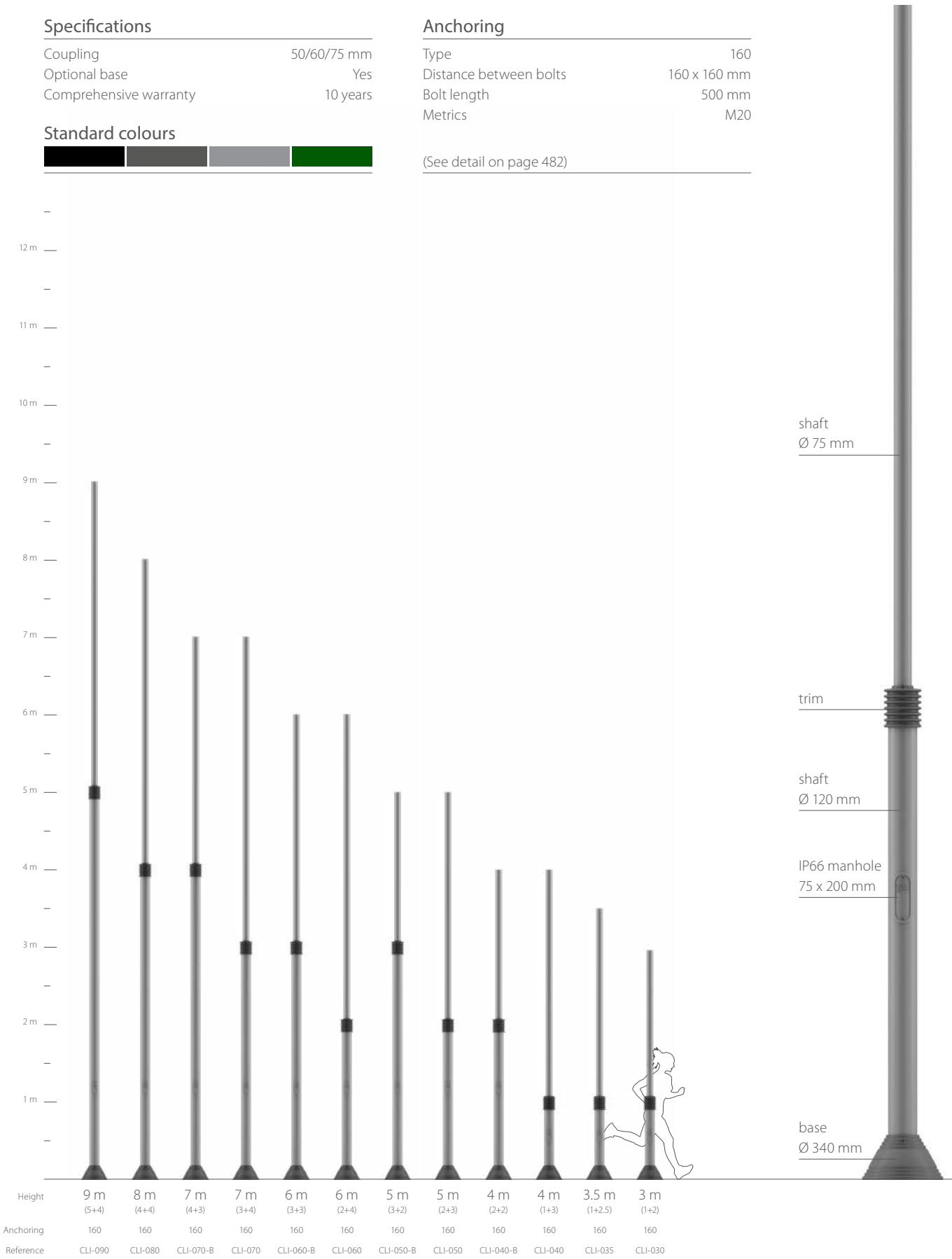
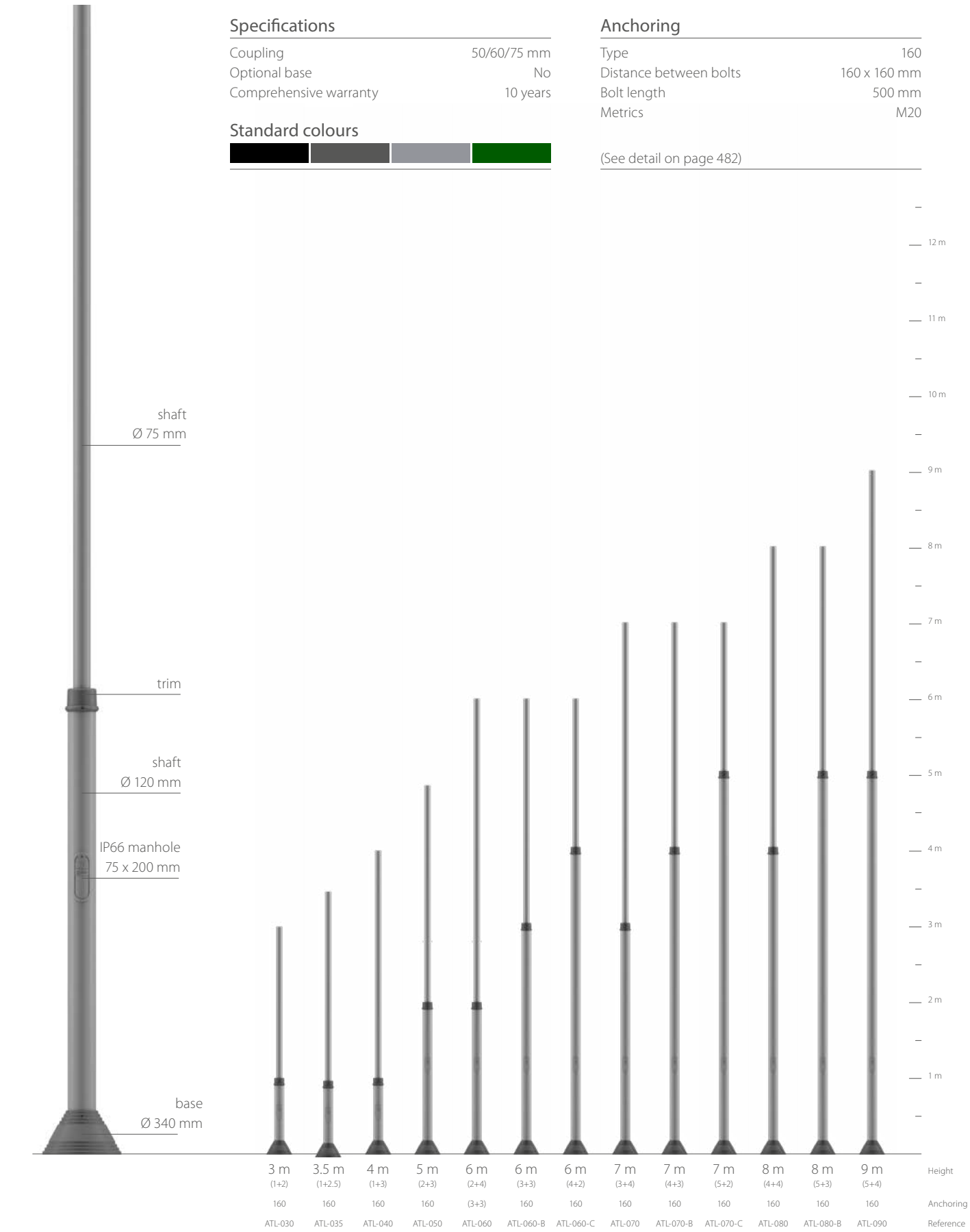
Type	190
Distance between bolts	190 x 190 mm
Bolt length	500 mm
Metrics	M20

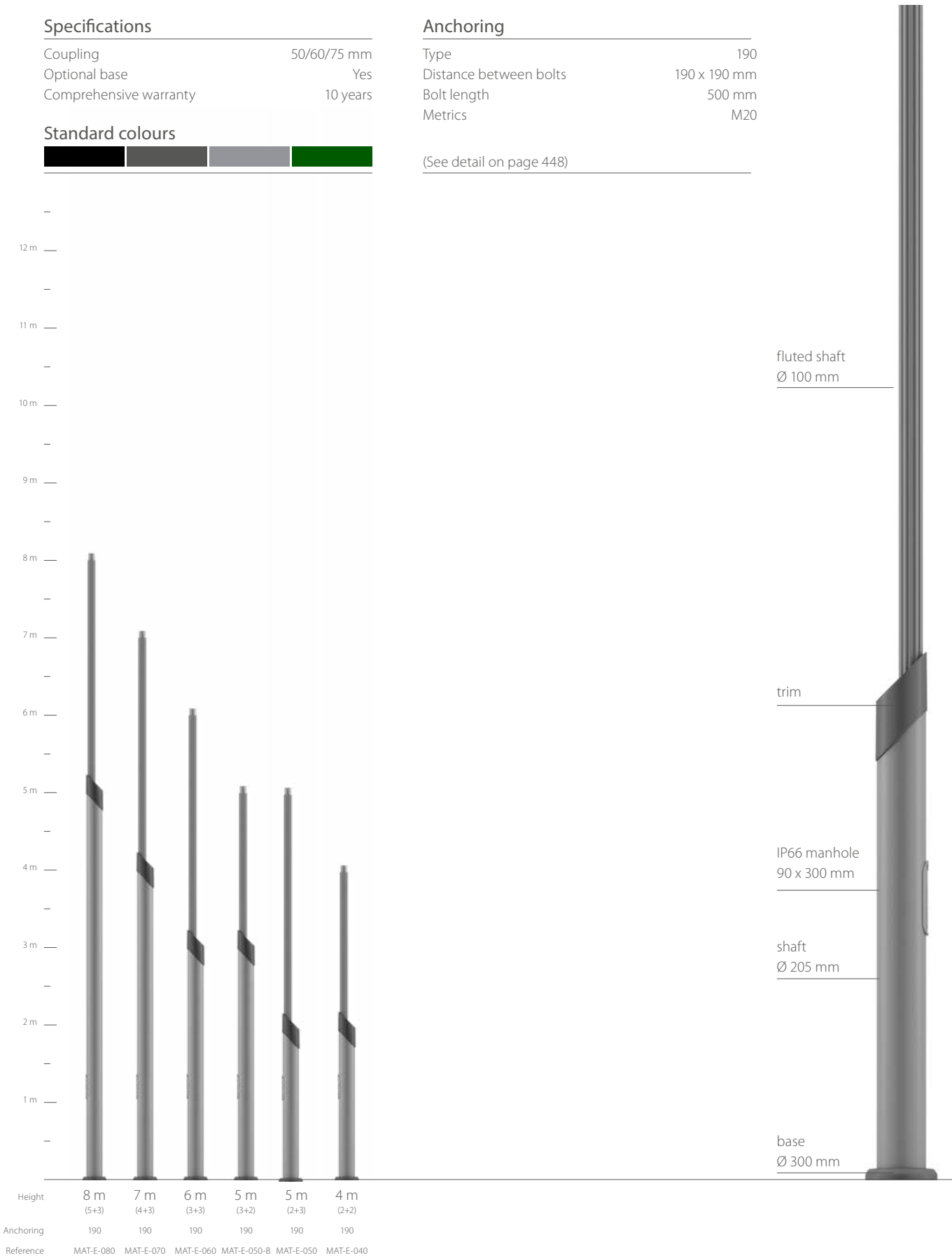
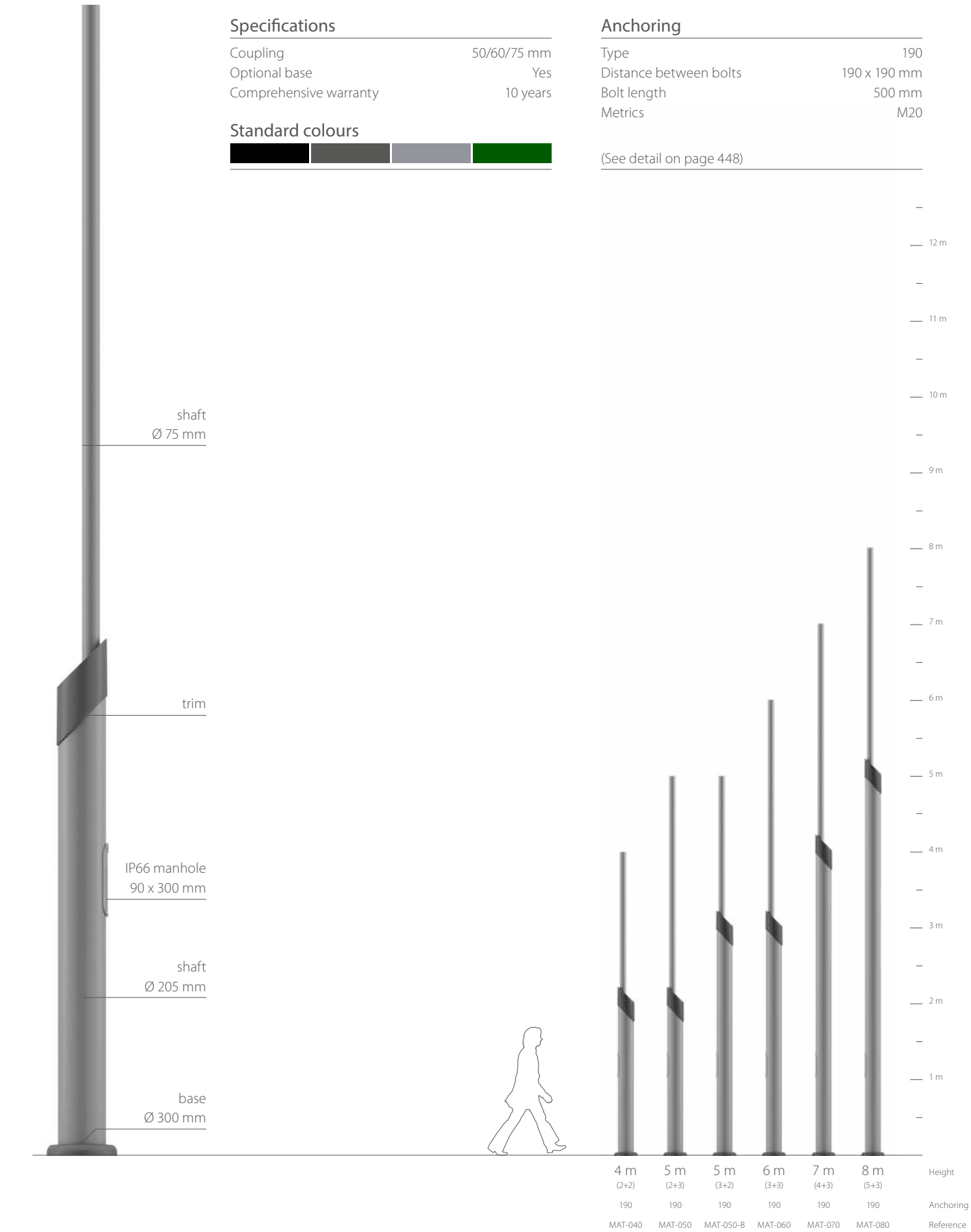
(See detail on page 482)

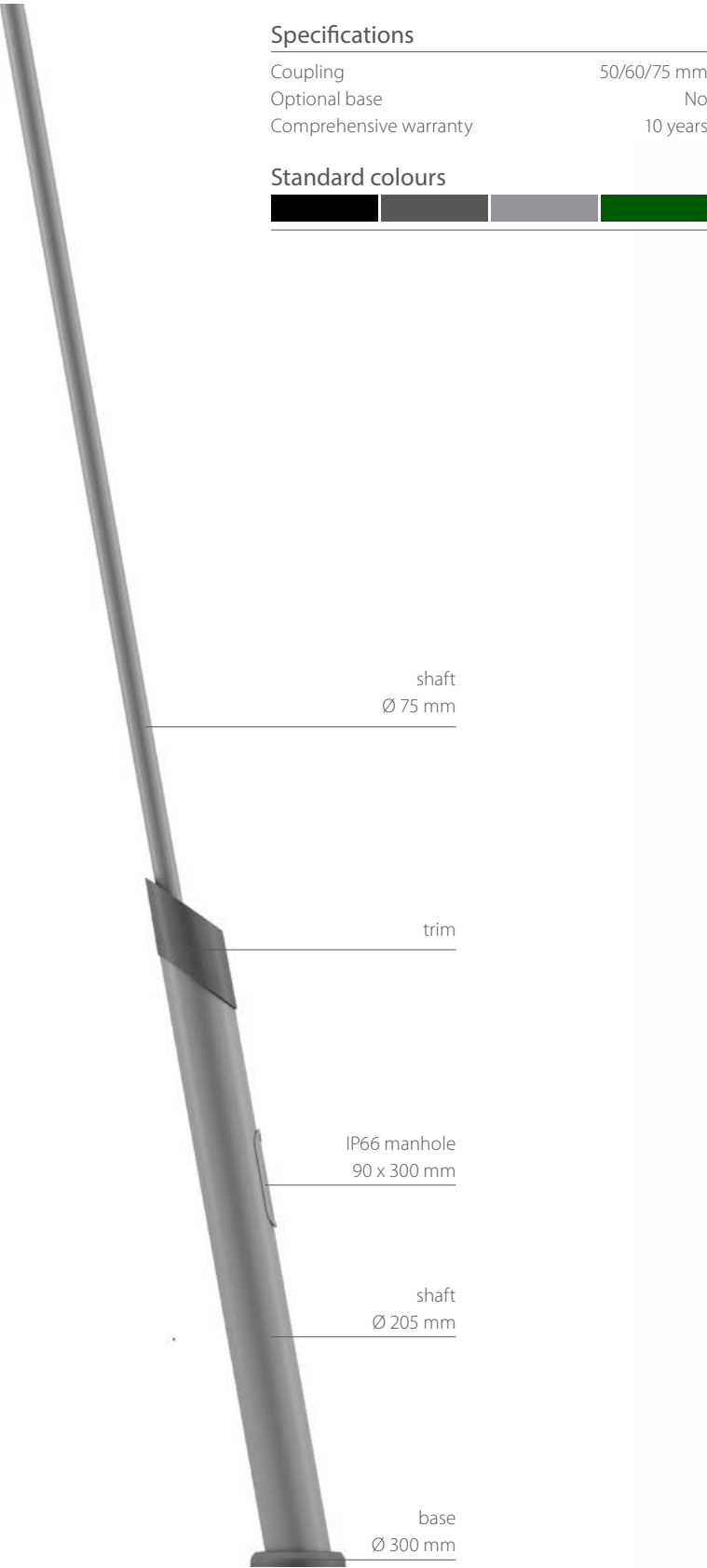


Height	6 m (5+1)	6 m (3+3)	5 m (4+1)	5 m (2+3)	4.5 m (1.5+3)	4 m (3+1)	4 m (2+2)	3.5 m (1.5+2)
Anchoring	190	190	190	190	190	190	190	190
Reference	APO-060-B	APO-060	APO-050-B	APO-050	APO-045	APO-040-B	APO-040	APO-035









Specifications

Coupling	50/60/75 mm
Optional base	No
Comprehensive warranty	10 years

Standard colours



Anchoring

Type	190
Distance between bolts	190 x 190 mm
Bolt length	500 mm
Metrics	M20

(See detail on page 448)



4 m (2+2)	5 m (2+3)	5 m (3+2)	6 m (3+3)	7 m (4+3)	8 m (5+3)
190	190	190	190	190	190
MAI-040	MAI-050	MAI-050-B	MAI-060	MAI-070	MAI-080

Height

Anchoring

Reference

Specifications

Coupling	60 mm
Optional base	Yes
Comprehensive warranty	10 years

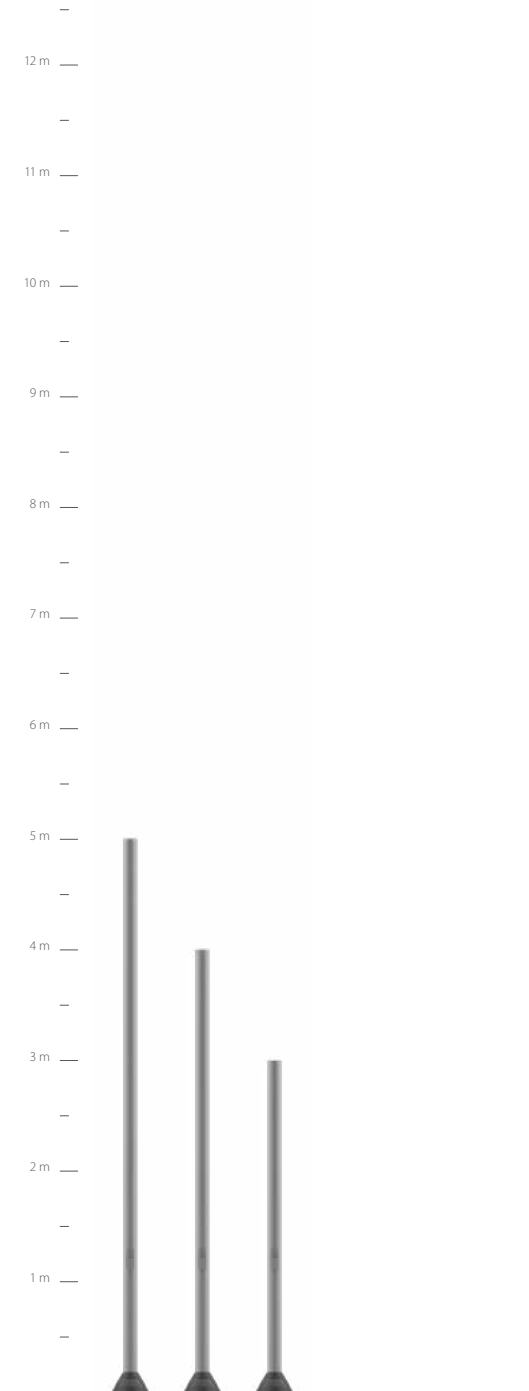
Standard colours



Anchoring

Type	160
Distance between bolts	160 x 160 mm
Bolt length	500 mm
Metrics	M20

(See detail on page 448)

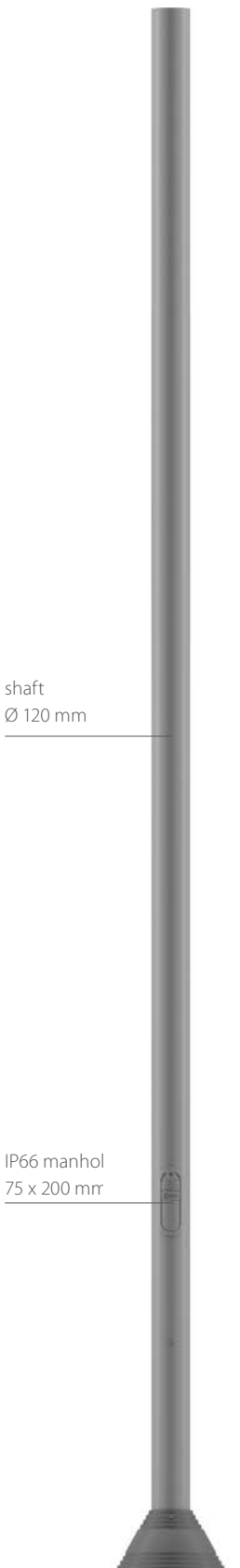


Height

Anchoring

Reference

5 m	4 m	3 m
160	160	160
OLI-050	OLI-040	OLI-030



shaft
Ø 120 mm

IP66 manhol
75 x 200 mm

Specifications

Coupling	50/60/75 mm
Optional base	No
Comprehensive warranty	10 years

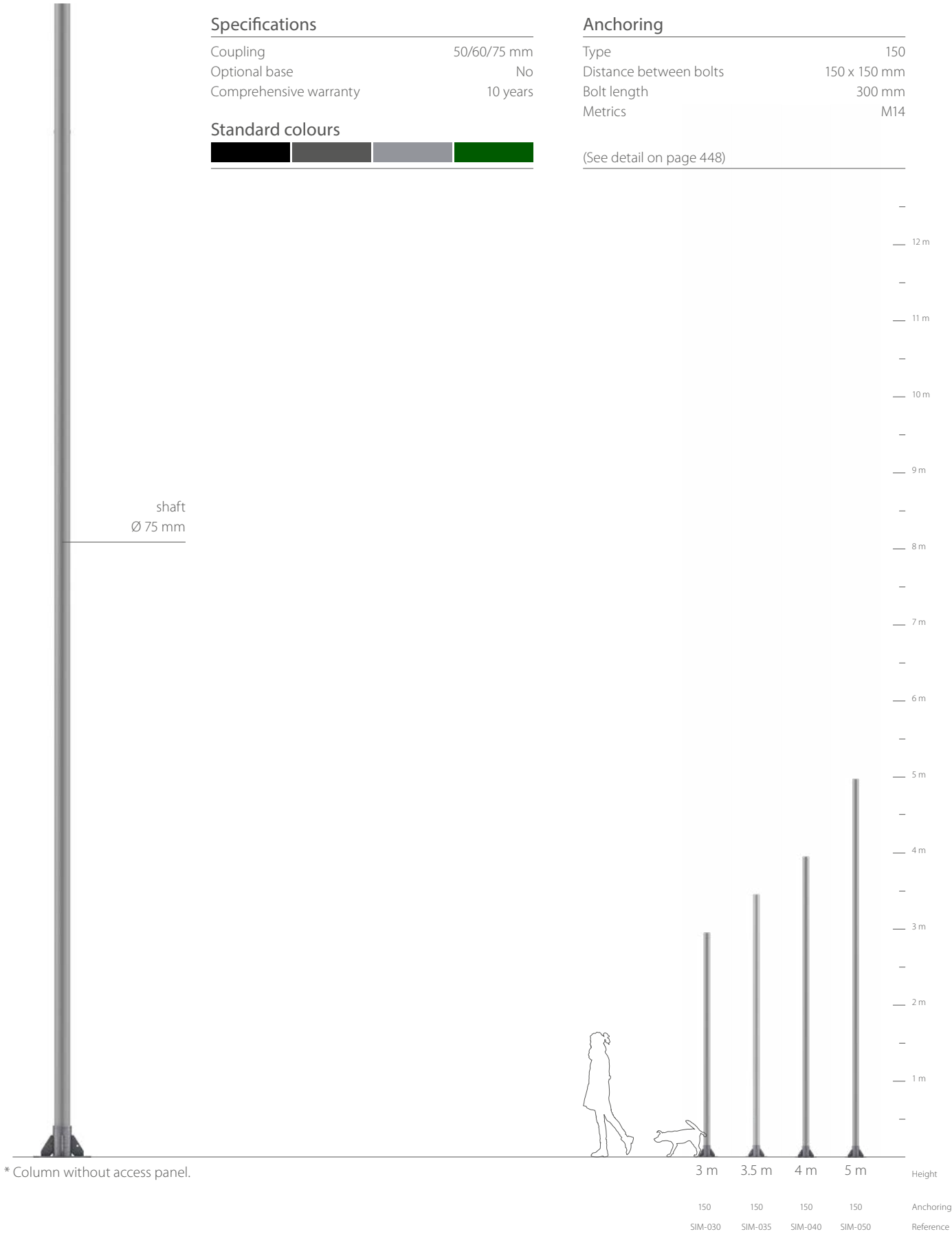
Standard colours



Anchoring

Type	150
Distance between bolts	150 x 150 mm
Bolt length	300 mm
Metrics	M14

(See detail on page 448)



Luminarie: **Enur Micro** (page 273) | Arm: **FV-40 (5°)** (page 398) | Column: **Simple** (page 452)



Luminaire: **Litoral A** (page 233) | Column: **Nova** (page 459)



CLASSICS



Specifications

Coupling	50/60/75 mm
Optional base	Yes
Comprehensive warranty	10 years

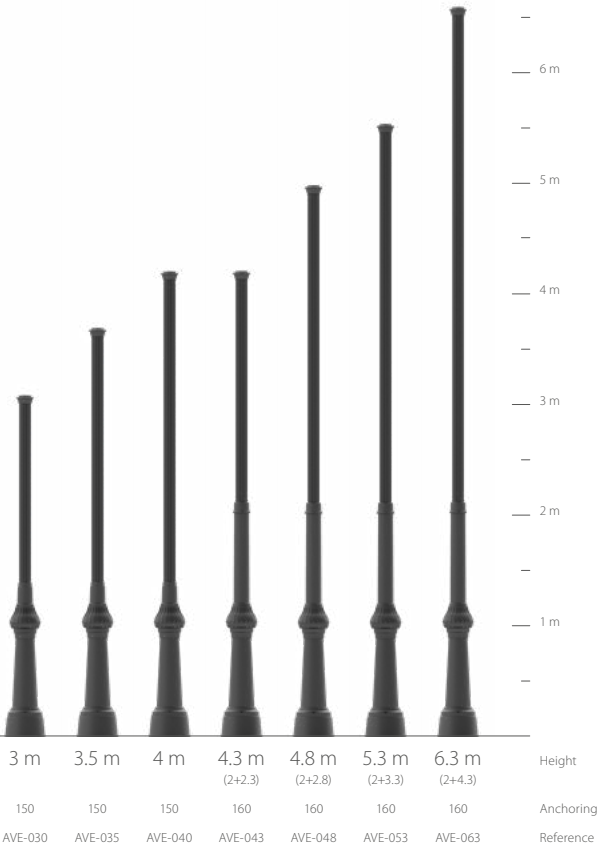
Standard colours



Anchoring

Type	150/160
Distance between bolts	150 x 150 / 160 x 160 mm
Bolt length	300 /500mm
Metrics	M14/M20

(See detail on page 482)



Specifications

Coupling	60 mm
Optional base	Yes
Comprehensive warranty	10 years

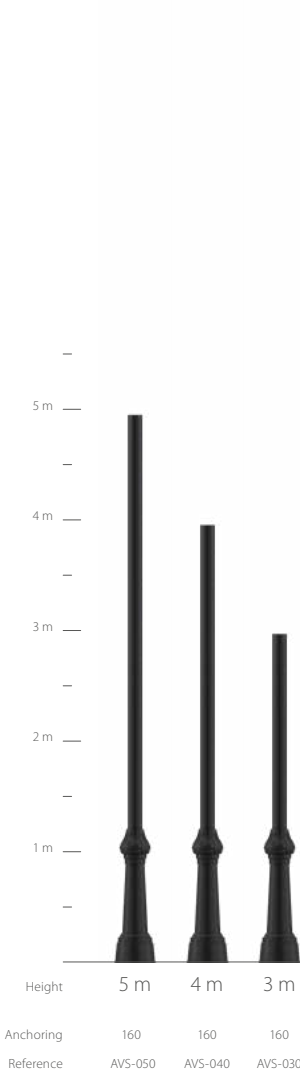
Standard colours



Anchoring

Type	160
Distance between bolts	160 x 160 mm
Bolt length	500 mm
Metrics	M20

(See detail on page 482)





Specifications

Coupling	50/60/75 mm
Optional base	Yes
Comprehensive warranty	10 years

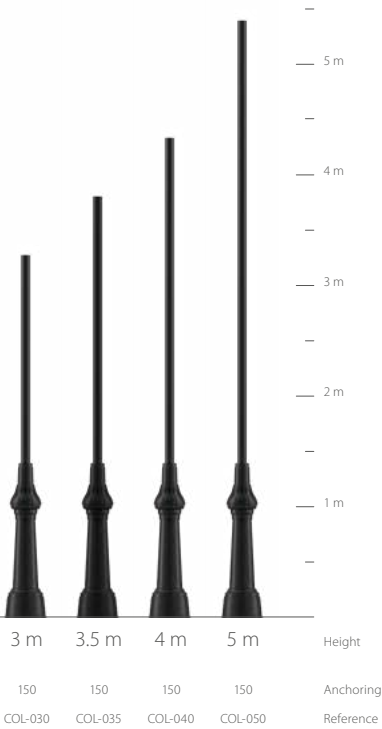
Standard colours



Anchoring

Type	150
Distance between bolts	150 x150 mm
Bolt length	300 mm
Metrics	M14

(See detail on page 482)



Specifications

Coupling	50/60/75 mm
Optional base	Yes
Comprehensive warranty	10 years

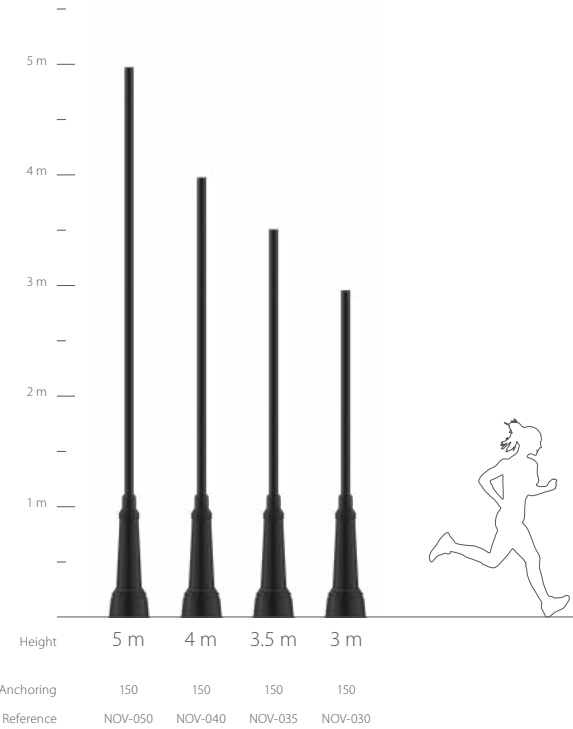
Standard colours



Anchoring

Type	150
Distance between bolts	150 x 150 mm
Bolt length	300 mm
Metrics	M14

(See detail on page 482)



Specifications

Coupling	50/60/75 mm
Optional base	Yes
Comprehensive warranty	10 years

Standard colours



Anchoring

Type	150
Distance between bolts	150 x150 mm
Bolt length	300 mm
Metrics	M14

(See detail on page 482)

Specifications

Coupling	50/60/75 mm
Optional base	Yes
Comprehensive warranty	10 years

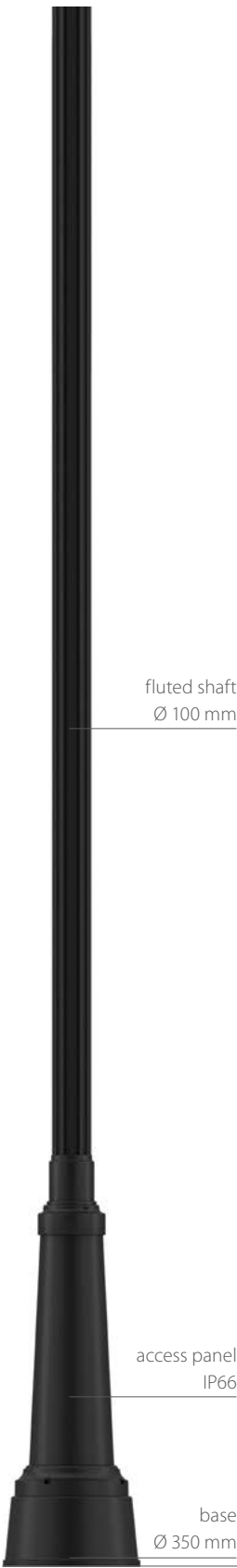
Standard colours



Anchoring

Type	150
Distance between bolts	150 x150 mm
Bolt length	300 mm
Metrics	M14

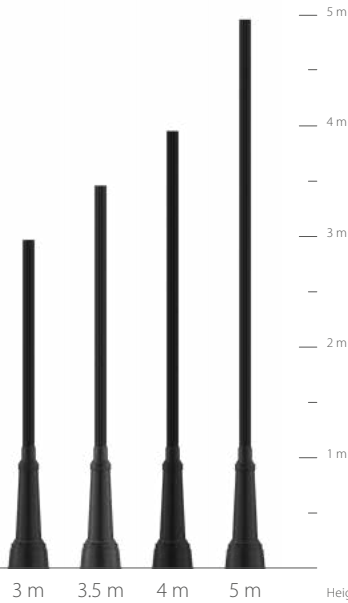
(See detail on page 482)



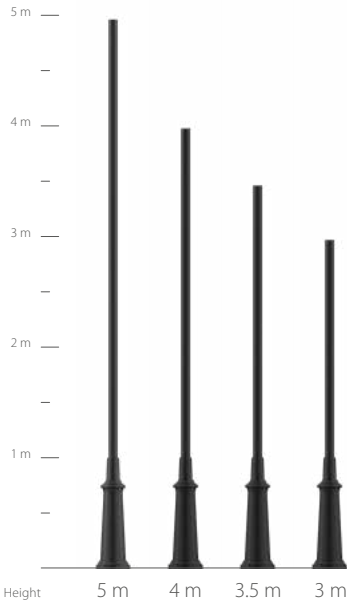
fluted shaft
Ø 100 mm

access panel
IP66

base
Ø 350 mm



150	150	150	150	Height
NOV-E-030	NOV-E-035	NOV-E-040	NOV-E-050	Anchoring
				Reference



150	150	150	150	Height
PAR-030	PAR-035	PAR-040	PAR-050	Anchoring
				Reference



shaft
Ø 75 mm

access panel
IP66

base
Ø 290 mm



Specifications

Coupling	50/60/75 mm
Optional base	Yes
Comprehensive warranty	10 years

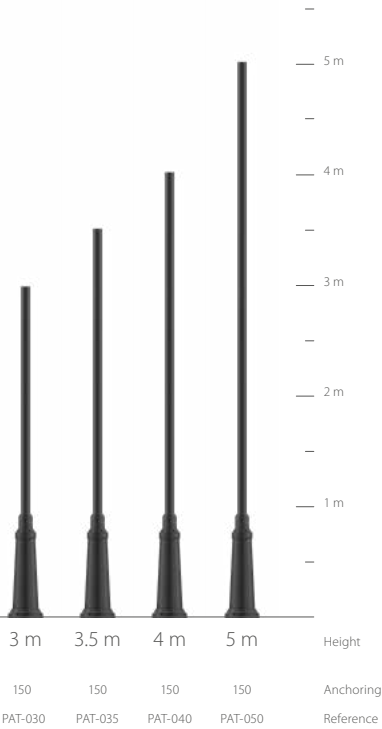
Standard colours



Anchoring

Type	150
Distance between bolts	150 x 150 mm
Bolt length	300 mm
Metrics	M14

(See detail on page 482)



Specifications

Coupling	50/60/75 mm
Optional base	Yes
Comprehensive warranty	10 years

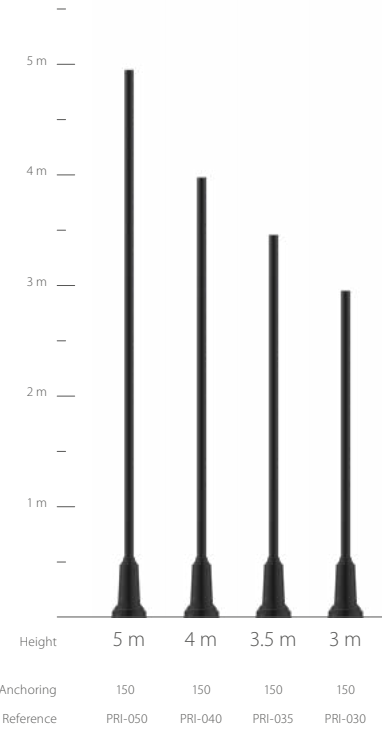
Standard colours



Anchoring

Type	150
Distance between bolts	150 x 150 mm
Bolt length	300 mm
Metrics	M14

(See detail on page 482)



Specifications

Coupling	50/60/75 mm
Optional base	Yes
Comprehensive warranty	10 years

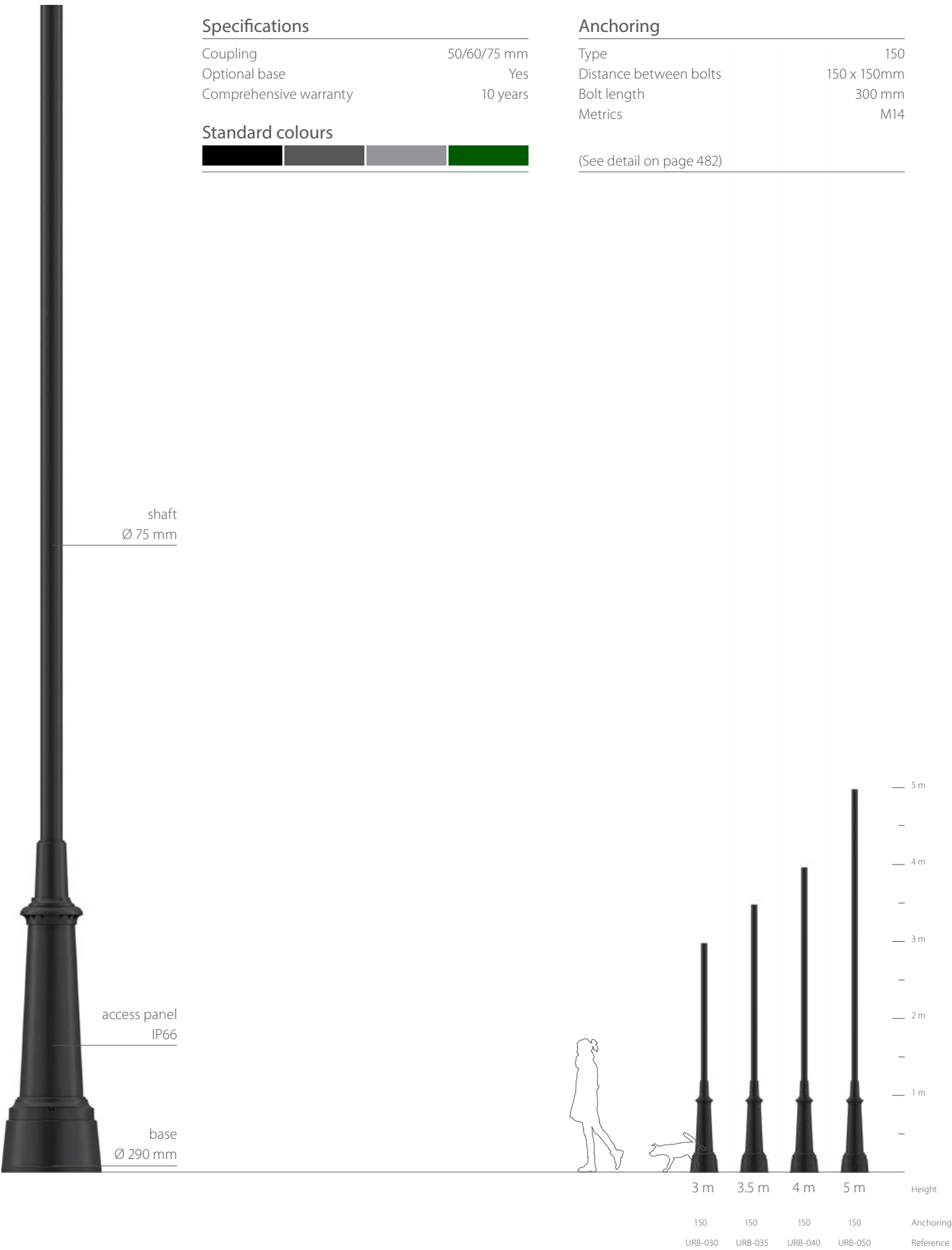
Standard colours



Anchoring

Type	150
Distance between bolts	150 x 150mm
Bolt length	300 mm
Metrics	M14

(See detail on page 482)

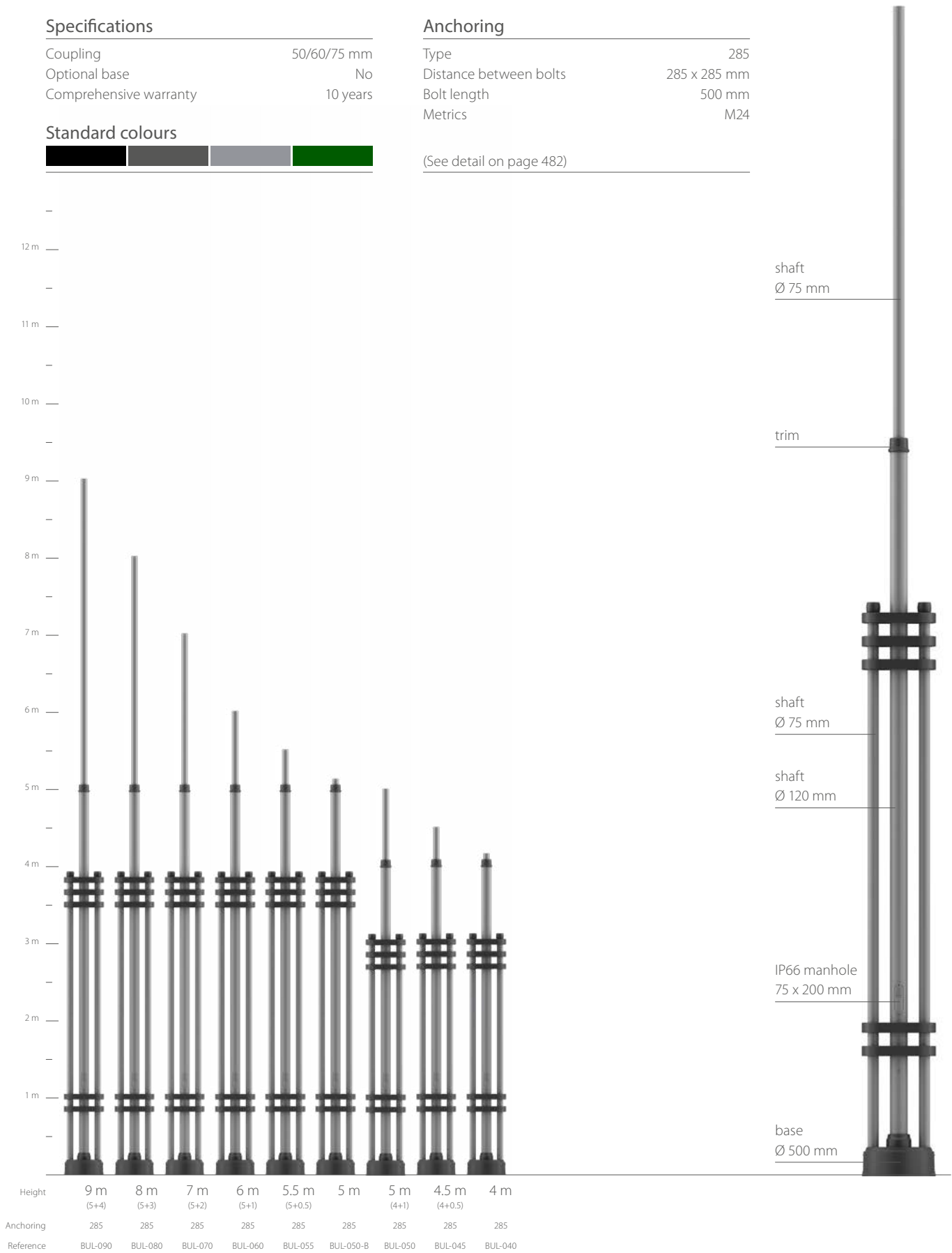
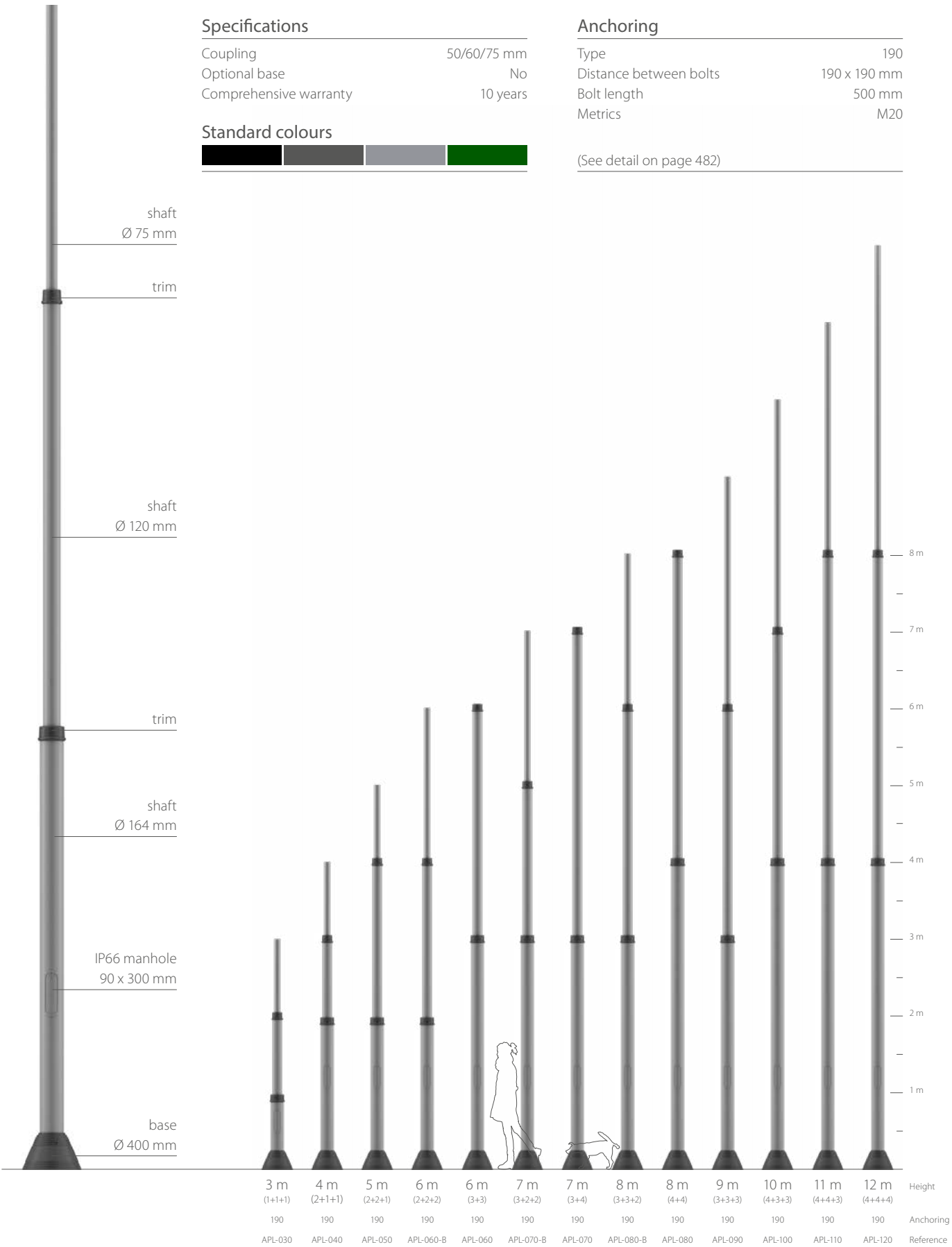


Luminaire: **Villa Royal XLA** (page 219) | Column: **Urbe** (page 464)

Luminaire: **Evolución LC** (page 280) | Arm: **MD-50** (page 414) | Column: **Matrix** (page 448)



VIAL





Specifications

Coupling	60 mm
Optional base	No
Comprehensive warranty	10 years

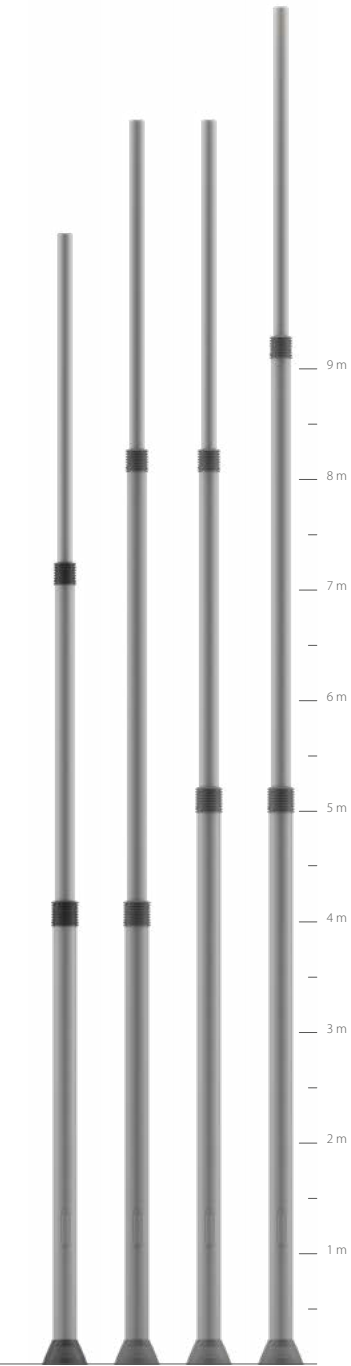
Standard colours



Anchoring

Type	190
Distance between bolts	190 x 190 mm
Bolt length	500 mm
Metrics	M20

(See detail on page 482)



10 m (4+3+3)	11 m (4+4+3)	11 m (5+3+3)	12 m (5+4+3)	Height
190	190	190	190	Anchoring
CLP-100	CLP-110	CLP-110-B	CLP-120	Reference

Specifications

Coupling	60 mm
Optional base	No
Comprehensive warranty	10 years

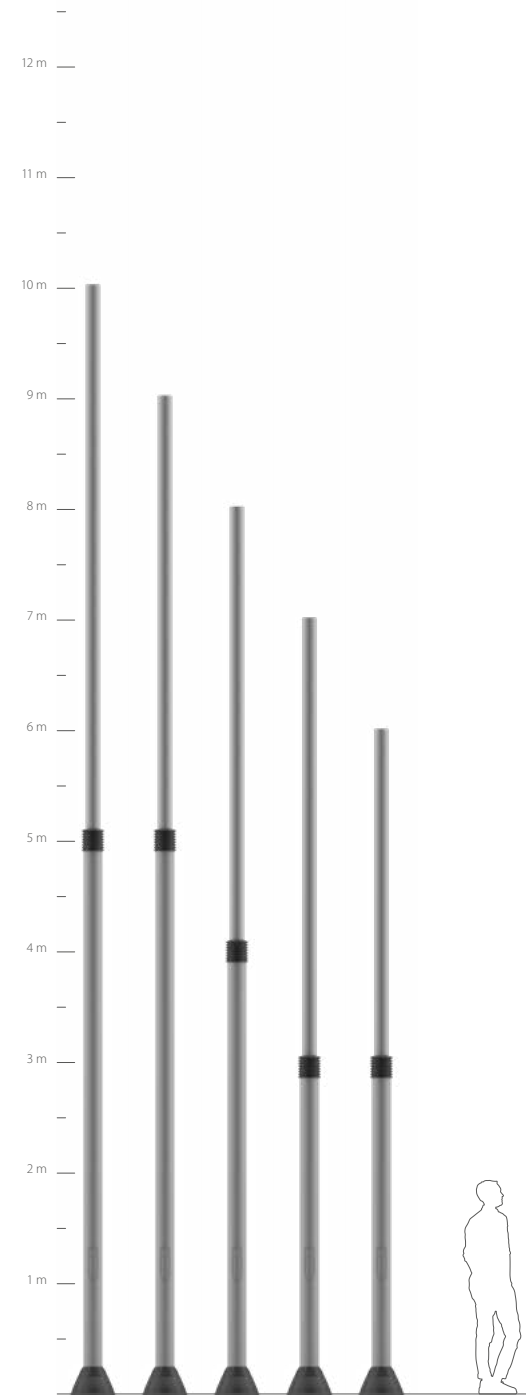
Standard colours



Anchoring

Type	190
Distance between bolts	190 x 190 mm
Bolt length	500 mm
Metrics	M20

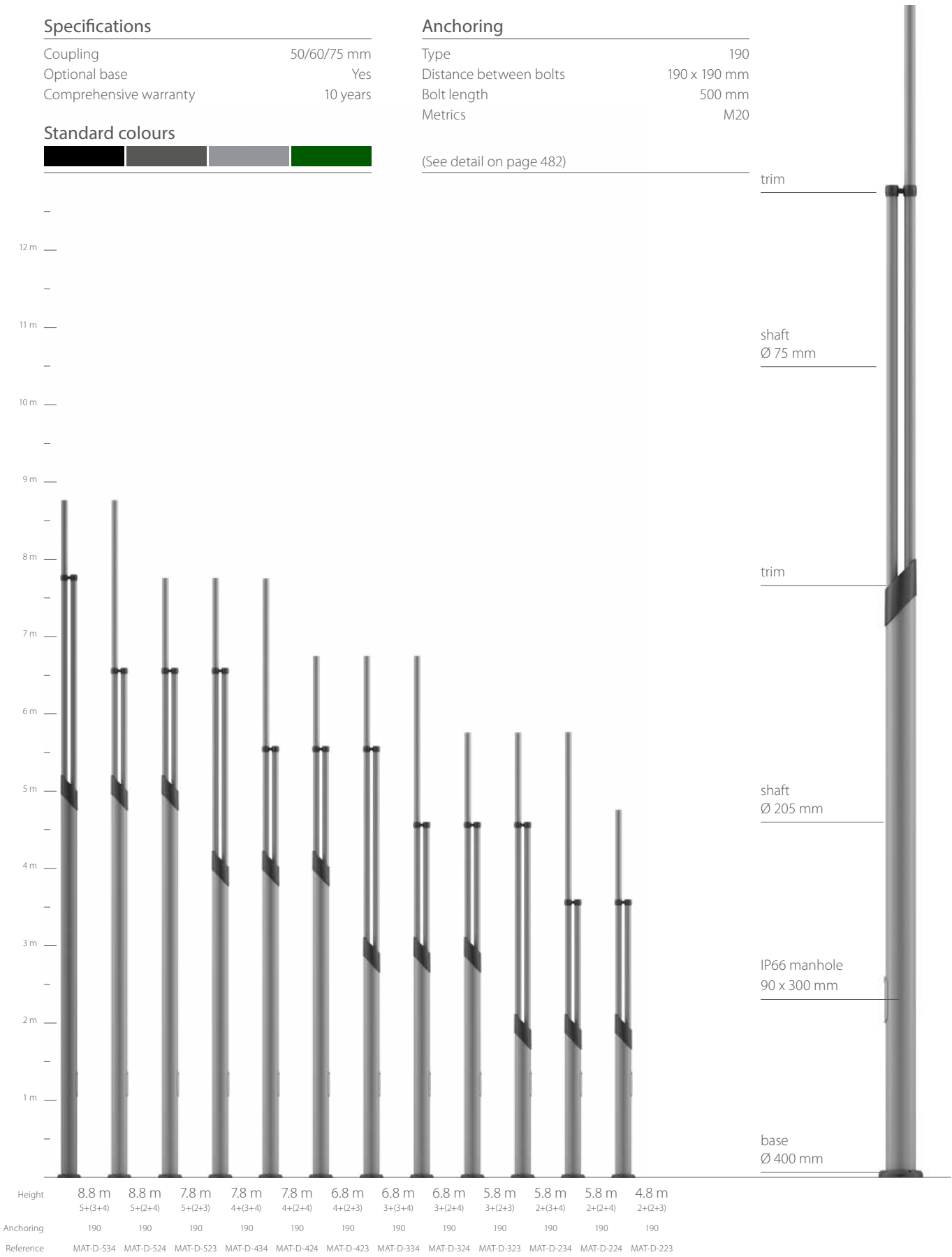
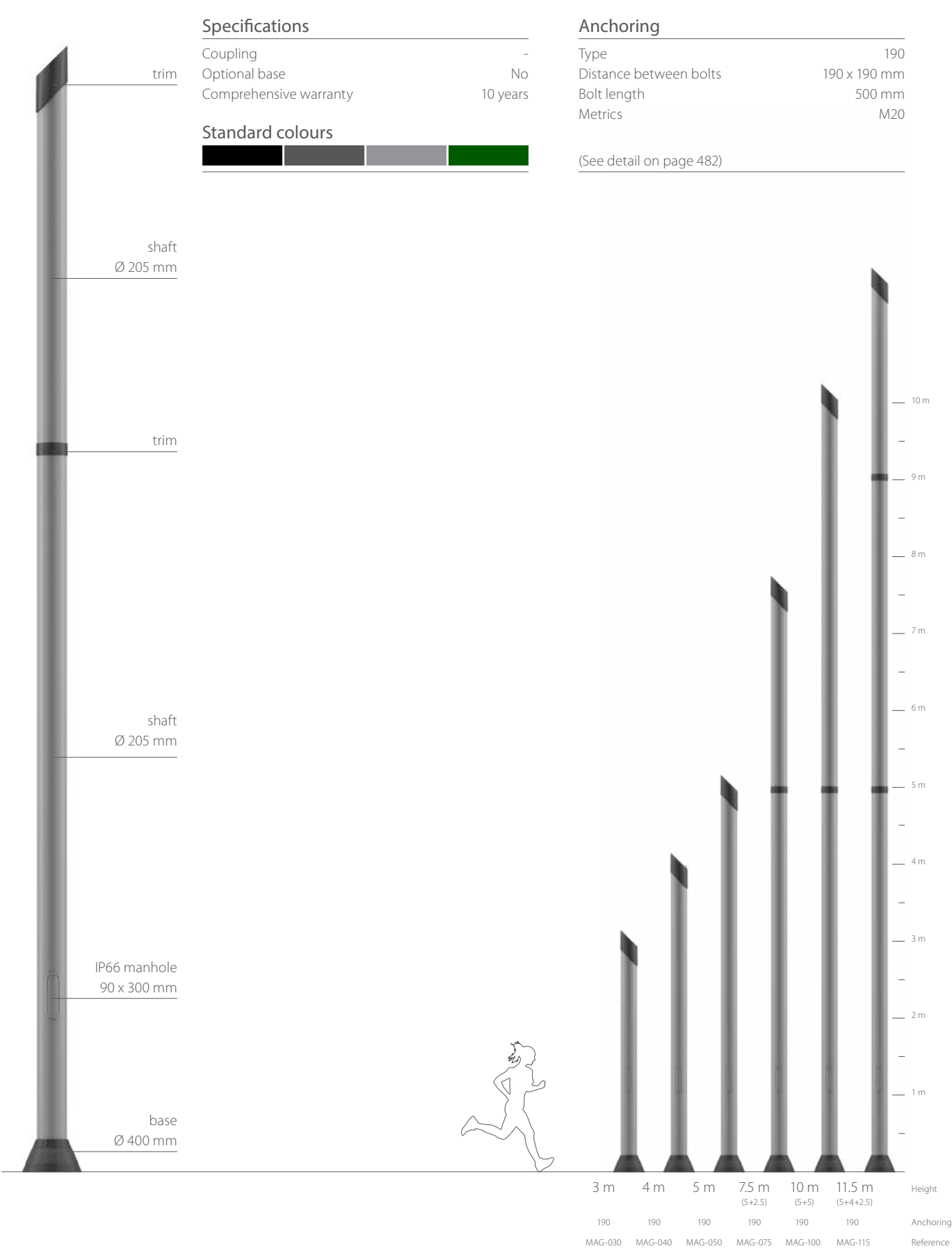
(See detail on page 482)

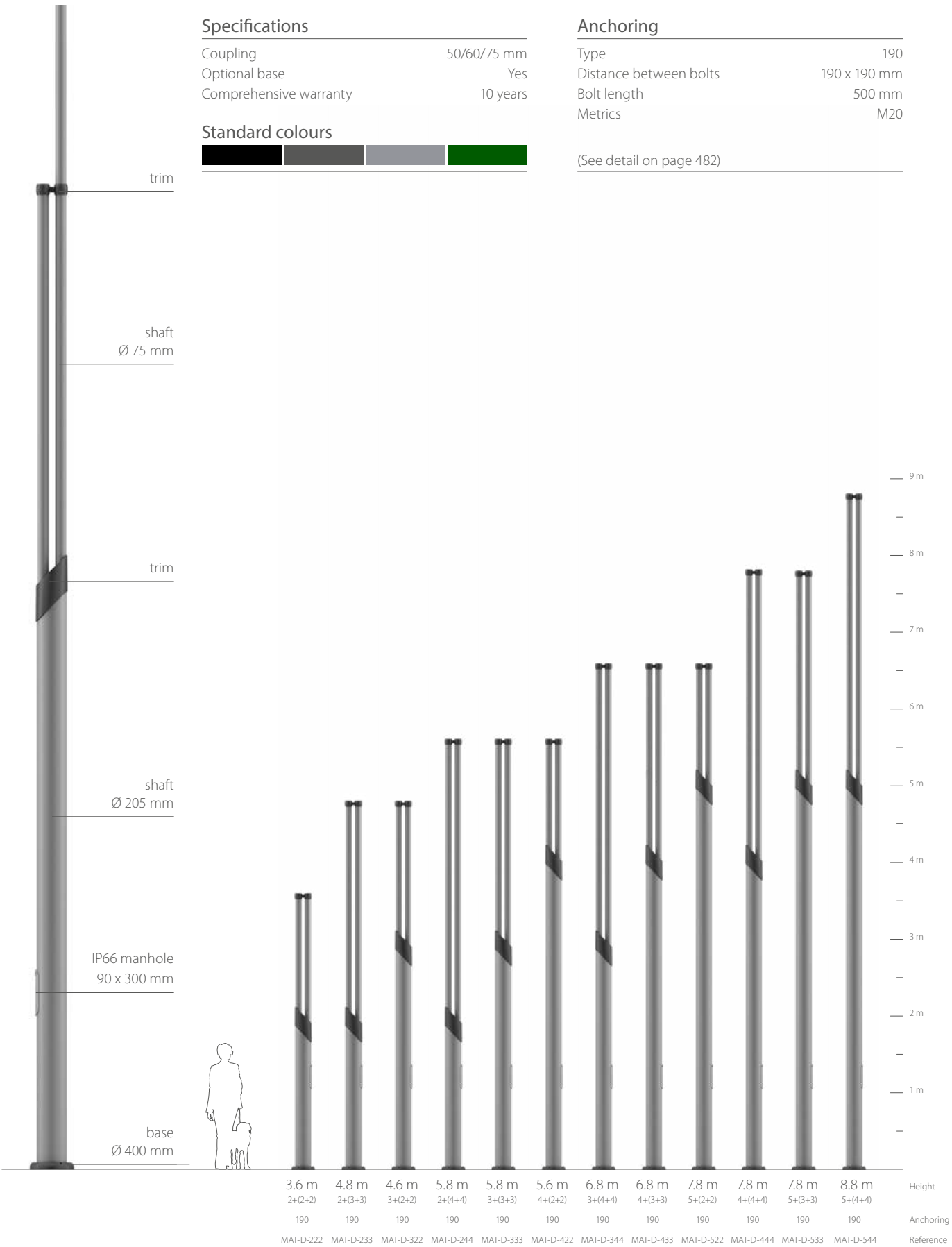


Height	10 m (5+5)	9 m (5+4)	8 m (4+4)	7 m (3+4)	6 m (3+3)
Anchoring	190	190	190	190	190
Reference	CLS-100	CLS-090	CLS-080	CLS-070	CLS-060



base Ø 300 mm	IP66 manhole 90 x 300 mm	shaft Ø 164 mm	trim	shaft Ø 120 mm
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Luminarie: **Evolución LC** (page 280) | Arm: **MT-50** (page 416) | Column: **Matrix Duo 2** (page 474)

Socket

Low voltage socket (250 V) integrated in the shaft. Available for smooth columns of 75 and 120 mm and fluted of 100 mm in diameter. Electrical characteristics of the outlet: 2P + TTL, current 16 A, voltage 250 V, frequency 50/60 Hz.



Illuminated conical top

Illuminated ornamental top for columns with a diameter of 75 mm, made of high-impact tropicalised thermo-polymer T5. Available in red, orange, yellow, green, blue, and white. Maximum power of 3 W. Fully hermetic IP66 +. Suitable for signalling functions.



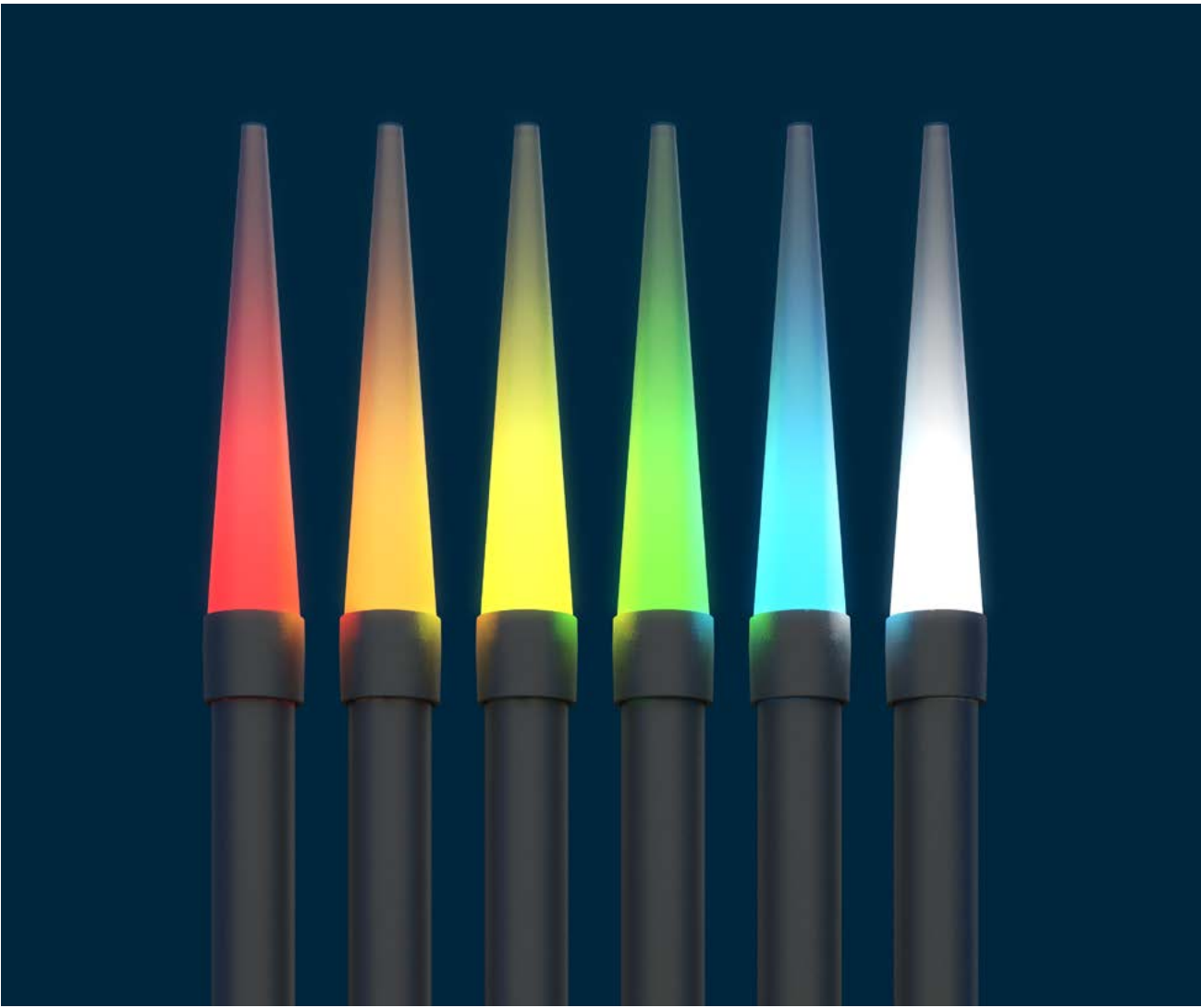
Banner

One metre stand to hang informational and advertising posters. Available in stand-alone or attached models.



Custom shield

ATP columns can be customised with tailored heraldic shields or inscriptions. The customer can choose from among more than 100 models available or send us their own template.



ATP offers new solutions to the public lighting market, both for their properties (durability, Class II anti-electrocution, immunity to corrosion, anti-adherence, quality, warranty) and for their designs.

Anti-adherence coating

Prevents the adherence of dust, dirt, and stickers and allows easy cleaning of graffiti and indelible markers with acetone, which does not alter any of the coating properties. Available upon request.

Class II insulation

Anti-electrocution. Dielectric strength of more than 22,000 V.

Synergy Tube®

Manufactured in 4 mm galvanised steel with an exterior coating of 2.5 mm reinforced technopolymer S7, subjected to 2000 hours in a UV chamber (ISO 4892-3) with no colour alteration. Exterior diameter of 75, 120, 164 and 205 mm in smooth finish and 100 mm in fluted finish.

Product certified by AENOR

Maintenance free, mass pigmented colour.
Resistance to UV rays and uric acid.
Materials immune to corrosion.
10-year warranty.

ATP columns made up of multiple sections may be manufactured by combining different finishes. When arms equal to or greater than 1.5 m are placed in column sections of 75 mm in diameter, the maximum length of the 75 mm section must be equal to or less than 2 metres (+10 cm), except when the arm is double. For exact column heights, and columns of five (5) or more metres, please consult.

Maintenance access

IP66, exceeding that indicated in the low voltage electrotechnical regulations. Equipped with housing for connections and fuses. Accessible by panel (see panel measurements for each column). Supplied with fuse box, except Simple model.

Ergonomic height

Access panel at a height of 120 cm to be able to carry out inspection and maintenance of the columns without the need to bend over.

Base

Synergy Tube® in galvanised steel, 4 mm thick, externally coated with 2.5 mm reinforced technopolymer S7 with mass pigmented colour.

Bases and trims

Manufactured in S7 reinforced engineering technopolymer with mass pigmented colour.



Luminaire: **Alfa 8A** (page 189) | Column: **Aruca** (page 444)

Standard colours and special colours

Our columns are available in four standard colours: black, dark grey, light grey, and green. We offer all RAL colours upon request. Consult options.

Black



Dark grey



Light grey



Green



150 anchor



Distance between bolts	150 x 150 mm
Recommended height	300 mm
Metrics	M14
Models	Aruca Avenida (3, 3'5 y 4 m) Colonial Nova Nova E Parque Patio Primera Simple Urbe

160 anchor



Distance between bolts	160 x160 mm
Recommended height	500 mm
Metrics	M20
Models	Atlas Avenida (4'3, 4'8, 5'3 y 6'3 m) Avenida Súper Coliseo Olimpo

190 anchor



Distance between bolts	190 x 190 mm
Recommended height	500 mm
Metrics	M20
Models	Apolo Atlas Plus Coliseo Plus Coliseo Súper Magna Matrix Matrix Duo 1 Matrix Duo 2 Matrix E Matriax I

285 anchor



Distance between bolts	285 x 285 mm
Recommended height	500 mm
Metrics	M24
Models	Bulevar

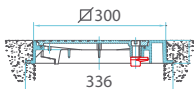
Manhole cover 300 x 300 mm



Specifications

IK degree of protection	IK10
IP degree of protection	IP66
Immune to corrosion	Yes
Class	Class A-15
Comprehensive warranty	10 years

Dimensions



Standard colours

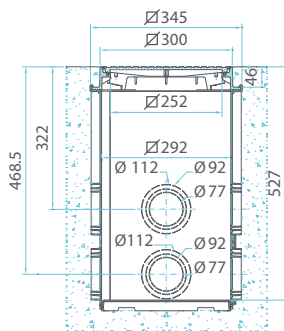


Additional colours upon request,
minimum 250 units.

Specifications

IK degree of protection	IK10
IP degree of protection	IP66
Immune to corrosion	Yes
Class	Class A-15
Comprehensive warranty	10 years

Dimensions



Standard colours



Additional colours upon request,
minimum 250 units.

Box 300 x 300 mm



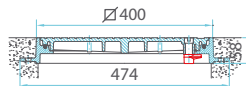
Manhole cover 400 x 400 mm



Specifications

IK degree of protection	IK10
IP degree of protection	IP66
Immune to corrosion	Yes
Class	Class A-15
Comprehensive warranty	10 years

Dimensions



Standard colours

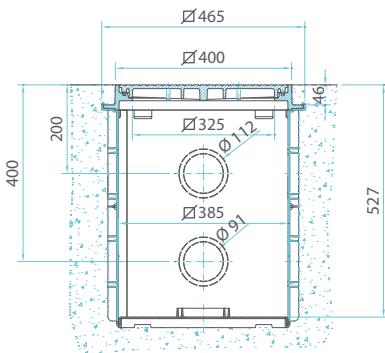


Additional colours upon request,
minimum 250 units.

Specifications

IK degree of protection	IK10
IP degree of protection	IP66
Immune to corrosion	Yes
Class	Class A-15
Comprehensive warranty	10 years

Dimensions



Standard colours



Additional colours upon request,
minimum 250 units.

Box 400 x 400 mm



Manhole covers and boxes

Special for sidewalks

Our manhole covers are classified as class A-15 (suitable for pedestrian traffic and green zones) in accordance with Standard UNE-EN 124 'Gully tops and manhole tops for vehicular and pedestrian areas'.

Materials

Covers and boxes made of reinforced engineering technopolymer S7, subjected to 2000 hours in a UV chamber (ISO 4892-3) showing no colour alteration.

Fully insulating

Insulated from electricity, sound, cold, heat, humidity, dust, and odours. They are not heated by the sun and produce no noise when trodden on.

Immune to corrosion

Made entirely of reinforced engineering technopolymer S7 resistant to saline and polluted atmospheric environments, as well as gases, fuels, and aggressive compounds. Free of metallic materials.

Resistant to uric acid

There is no weight variation or sign of alteration after 100 hours of immersion in a 10% uric acid solution.

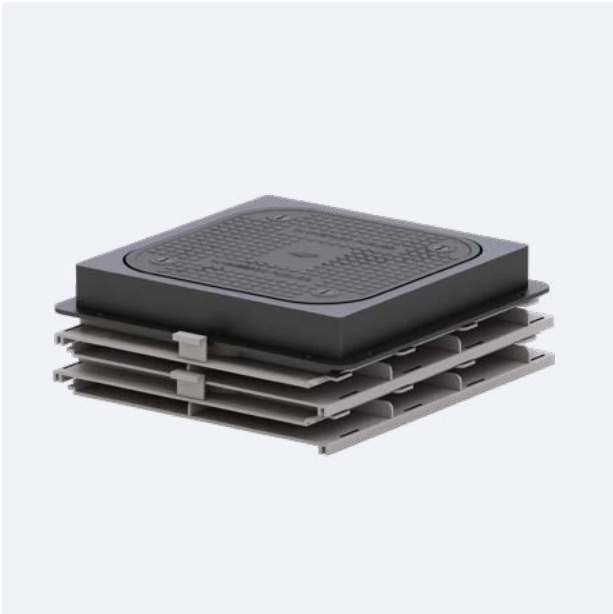
Anti-slip

Wear-resistant non-slip surface.

Assembly

Complete assembly requires no tools. It is possible to insert sides to increase the depth of the manhole box.

Manhole boxes are supplied with an accessory to embed them.



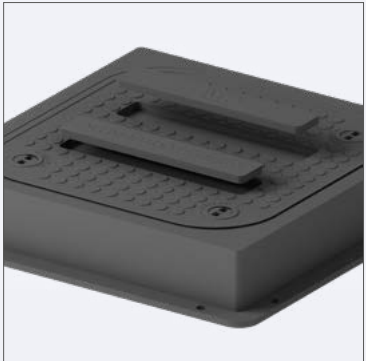
Less space when packaging. Lower transportation cost.



Complete assembly requires no tools.

Application of labels and badges

Manhole covers may be supplied with labels for lighting, sanitation, irrigation, electricity, gas or telephone, among others.



Attachment to the frame

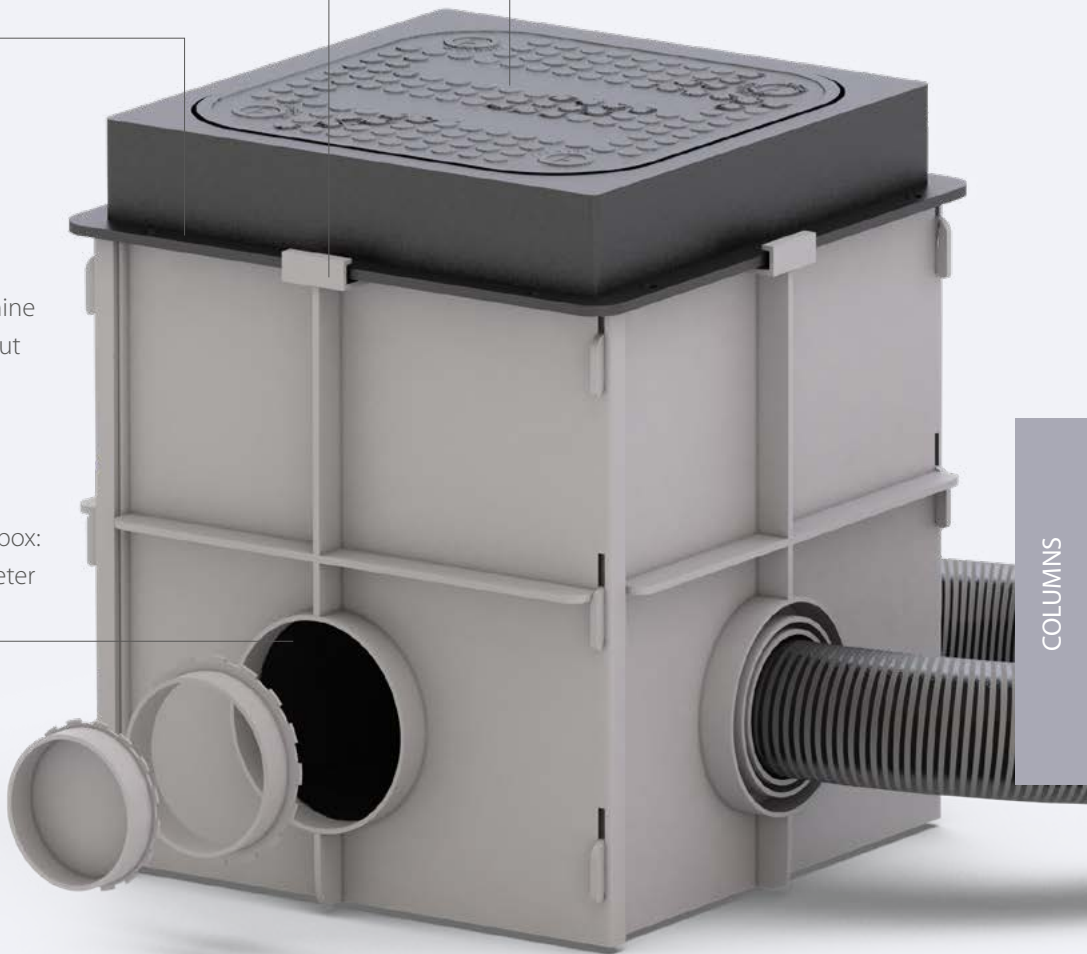
Four (4) latches with 180° opening and closing rotation, using a special key (included).

Hermetic seal

Manhole cover with two-component gasket integrated in the frame without joints or degradable adhesives.

Connection

- 400 x 400 mm manhole box: nine (9) 91/112 mm diameter die-cut openings.
- 300 x 300 mm short manhole box: four (4) 77/91/112 mm diameter die-cut openings.
- 300 x 300 mm long manhole box: eight (8) 77/91/112 mm diameter die-cut openings.





Immune to corrosion



Anti electrocution



10 year warranty



BOLLARD LIGHTS





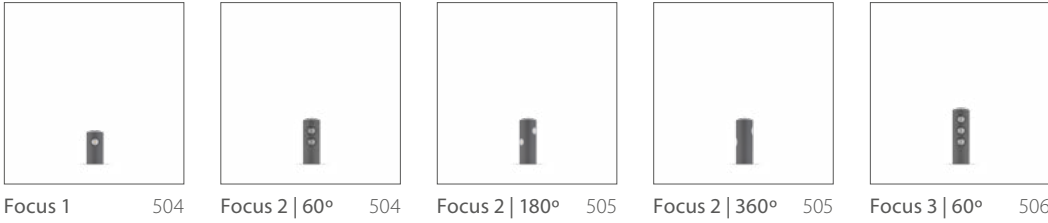
BOLLARD LIGHTS

Bollard lights: **Faro 90** (page 498)

Bollard lights



Focus



Bollard lights: **Focus 3 | 180°** (page 506)

Esférica



Width 275 mm
Height 350 mm

Specifications

IK degree of protection	IK10
IP degree of protection	IP66
Immune to corrosion	Yes
Insulation class	Class II
Comprehensive warranty	10 years
Voltage and frequency	230 V - 50 Hz
ULOR	15%
Light source	E-27

Anchoring system



Standard colours page 511



Specifications

IK degree of protection	IK10
IP degree of protection	IP66
Immune to corrosion	Yes
Insulation class	Class II
Comprehensive warranty	10 years
Voltage and frequency	230 V - 50 Hz
ULOR	15%
Light source	E-27

Anchoring system



Standard colours page 511



Alfil



Width 275 mm
Height 540 mm

Peón



Width 275 mm
Height 380 mm

Specifications

IK degree of protection	IK10
IP degree of protection	IP66
Immune to corrosion	Yes
Insulation class	Class II
Comprehensive warranty	10 years
Voltage and frequency	230 V - 50 Hz
ULOR	15%
Light source	E-27

Anchoring system



Standard colours page 511



Specifications

IK degree of protection	IK10
IP degree of protection	IP66
Immune to corrosion	Yes
Insulation class	Class II
Comprehensive warranty	10 years
Voltage and frequency	230 V - 50 Hz
ULOR	15%
Light source	E-27

Anchoring system



Standard colours page 511



Centro



Width 300 mm
Height 730 mm



Torre



Width 300 mm
Height 1000 mm

Specifications

IK degree of protection	IK10
IP degree of protection	IP66
Immune to corrosion	Yes
Insulation class	Class II
Comprehensive warranty	10 years
Voltage and frequency	230 V - 50 Hz
ULOR	15%
Light source	E-27

Anchoring system



Standard colours page 511



Specifications

IK degree of protection	IK10
IP degree of protection	IP66
Immune to corrosion	Yes
Insulation class	Class II
Comprehensive warranty	10 years
Voltage and frequency	230 V - 50 Hz
ULOR	15%
Light source	E-27

Anchoring system



Standard colours page 511



Clásica 95



Width 230 mm
Height 950 mm

Clásica 55



Width 230 mm
Height 550 mm

Specifications

IK degree of protection	IK10
IP degree of protection	IP66
Immune to corrosion	Yes
Insulation class	Class II
Comprehensive warranty	10 years
Voltage and frequency	230 V - 50 Hz
ULOR	15%
Light source	E-27

Anchoring system



Standard colours page 511



Specifications

IK degree of protection	IK10
IP degree of protection	IP66
Immune to corrosion	Yes
Insulation class	Class II
Comprehensive warranty	10 years
Voltage and frequency	230 V - 50 Hz
ULOR	15%
Light source	E-27

Anchoring system



Standard colours page 511



Faro 65



Width 290 mm
Height 650 mm



Faro 90



Width 290 mm
Height 900 mm

Specifications

IK degree of protection	IK10
IP degree of protection	IP66
Immune to corrosion	Yes
Insulation class	Class II
Comprehensive warranty	10 years
Voltage and frequency	230 V - 50 Hz
ULOR	15%
Light source	E-27

Anchoring system



Standard colours page 511



Specifications

IK degree of protection	IK10
IP degree of protection	IP66
Immune to corrosion	Yes
Insulation class	Class II
Comprehensive warranty	10 years
Voltage and frequency	230 V - 50 Hz
ULOR	15%
Light source	E-27

Anchoring system



Standard colours page 511



Diábolo 100



Width 345 mm
Height 1000 mm

Diábolo 75



Width 345 mm
Height 750 mm

Specifications

IK degree of protection	IK10
IP degree of protection	IP66
Immune to corrosion	Yes
Insulation class	Class II
Comprehensive warranty	10 years
Voltage and frequency	230 V - 50 Hz
ULOR	15%
Light source	E-27

Anchoring system



Standard colours page 511



Specifications

IK degree of protection	IK10
IP degree of protection	IP66
Immune to corrosion	Yes
Insulation class	Class II
Comprehensive warranty	10 years
Voltage and frequency	230 V - 50 Hz
ULOR	15%
Light source	E-27

Anchoring system



Standard colours page 511



Delta



Width 345 mm
Height 980 mm



Custom shield

ATP bollard lights can be customised with tailored heraldic shields or inscriptions. The customer can choose from among more than 100 models available or send us their own template.

Available for Centro, Clásica, Delta, Faro, and Torre models.



Dusk sensor

Accessory that responds to light intensity changes in the environment by turning on or turning off the luminaire.

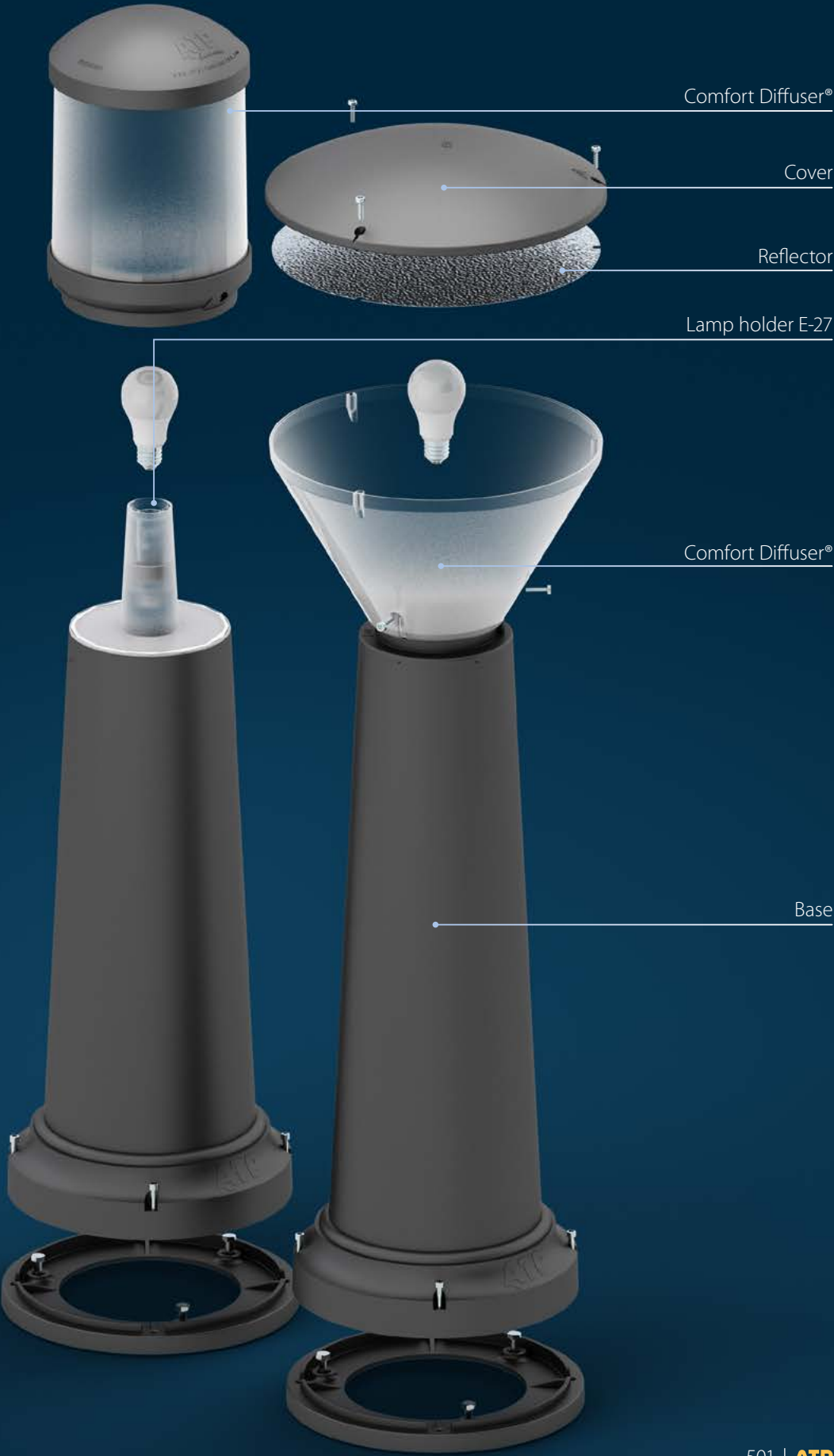
Available in Clásica and Faro models.



Socket

Low voltage socket (250 V) integrated in the shaft. Electrical characteristics of the outlet: 2P + TTL, current 16 A, voltage 250 V, frequency 50/60 Hz.

Available in Clásica and Faro models.



Bollard lights: **Focus 1** (page 504)



FOCUS

Focus 1



Width 120 mm
Height 240 mm

Specifications

IK degree of protection	IK10
IP degree of protection	IP66
Immune to corrosion	Yes
Insulation class	Class II
Comprehensive warranty	10 years
Voltage and frequency	230 V - 50 Hz
Light source	GU-10

Anchoring system



Standard colours page 511



Specifications

IK degree of protection	IK10
IP degree of protection	IP66
Immune to corrosion	Yes
Insulation class	Class II
Comprehensive warranty	10 years
Voltage and frequency	230 V - 50 Hz
Light source	GU-10

Anchoring system



Standard colours page 511



Focus 2 | 180°



Width 120 mm
Height 320 mm

Focus 2 | 60°



Width 120 mm
Height 320 mm

Specifications

IK degree of protection	IK10
IP degree of protection	IP66
Immune to corrosion	Yes
Insulation class	Class II
Comprehensive warranty	10 years
Voltage and frequency	230 V - 50 Hz
Light source	GU-10

Anchoring system



Standard colours page 511



Specifications

IK degree of protection	IK10
IP degree of protection	IP66
Immune to corrosion	Yes
Insulation class	Class II
Comprehensive warranty	10 years
Voltage and frequency	230 V - 50 Hz
Light source	GU-10

Anchoring system



Standard colours page 511



Focus 2 | 360°



Width 120 mm
Height 320 mm



Focus 3 | 60°



Width 120 mm
Height 400 mm

Specifications

IK degree of protection	IK10
IP degree of protection	IP66
Immune to corrosion	Yes
Insulation class	Class II
Comprehensive warranty	10 years
Voltage and frequency	230 V - 50 Hz
Light source	GU-10

Anchoring system



Standard colours page 511



Specifications

IK degree of protection	IK10
IP degree of protection	IP66
Immune to corrosion	Yes
Insulation class	Class II
Comprehensive warranty	10 years
Voltage and frequency	230 V - 50 Hz
Light source	GU-10

Anchoring system



Standard colours page 511



Focus 3 | 360°



Width 120 mm
Height 400 mm

Focus 3 | 180°



Width 120 mm
Height 400 mm

Specifications

IK degree of protection	IK10
IP degree of protection	IP66
Immune to corrosion	Yes
Insulation class	Class II
Comprehensive warranty	10 years
Voltage and frequency	230 V - 50 Hz
Light source	GU-10

Anchoring system



Standard colours page 511



Specifications

IK degree of protection	IK10
IP degree of protection	IP66
Immune to corrosion	Yes
Insulation class	Class II
Comprehensive warranty	10 years
Voltage and frequency	230 V - 50 Hz
Light source	GU-10

Anchoring system



Standard colours page 511



Focus H



Width 150 mm
Height 120 mm

Focus I | 60°



Width 120 mm
Height 800 mm

Specifications

IK degree of protection	IK10
IP degree of protection	IP66
Immune to corrosion	Yes
Insulation class	Class II
Comprehensive warranty	10 years
Voltage and frequency	230 V - 50 Hz
Light source	GU-10

Anchoring system



Standard colours



page 511

Focus I | 180°



Width 120 mm
Height 800 mm

Specifications

IK degree of protection	IK10
IP degree of protection	IP66
Immune to corrosion	Yes
Insulation class	Class II
Comprehensive warranty	10 years
Voltage and frequency	230 V - 50 Hz
Light source	GU-10

Anchoring system



Standard colours



page 511



Lamp LED GU-10 4.5 W

High-impact tropicalized transparent thermopolymer T5



Anti-theft hardware



Attachment screw to the stainless steel anchoring

Anchoring by means of plate, screws, and metal dowels

Bollard lights: **Peón** (page 494)

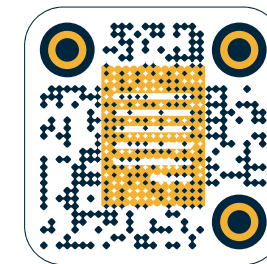


 Standard colours and special colours

Our bollards are available in four standard colours: black, dark grey, light grey, and green. We offer all RAL colours upon request. Consult options.



Sales terms and conditions



To obtain our updated sales terms and conditions, please
visit our website or scan the QR code:

Warranty terms and conditions

All the products included in this general catalogue are covered by a 10-year warranty against any manufacturing defect, except in the following cases:

1. Any product that, at the client's request, is supplied by ATP without any of the components built in by default (e.g., IP68 connector). Products supplied in this way shall be guaranteed for two years (2) only.

2. Any component from other manufacturers built into ATP Lighting products at the client's request, such as remote management nodes. These components shall be covered by the warranty offered by the corresponding supplying manufacturers.

Warranty scope for ATP products

1. The warranty involves repair or replacement of defective materials by ATP.

2. ATP shall replace or repair exclusively the defective materials and shall not cover any other additional expenses or costs, such as transport, assembly, disassembly, etc.

Warranty exclusions for ATP products

1. Any product that has been handled improperly or by unqualified personnel or without ATP's written authorisation is excluded from any warranty. Furthermore, any luminaires that have had the IP68 connector removed, or products that have not been wired, installed and/or powered in accordance with the electrical ratings, operating ran-

ges and environmental conditions reflected in ATP's technical specifications and application guidelines, as well as following IEC standards or any other documentation issued or provided by ATP and supplied with the product, shall not be covered by warranty.

2. Damage or malfunctions resulting from power supply conditions, such as voltage spikes outside the ranges supported by ATP, overvoltage, undervoltage and voltage waves outside the limits specified for the product and those defined by the relevant supplier, or contrary to acceptable power supply standards, are not covered by the warranty.

3. Products that have suffered damages or impacts due to accidents during transport or installation, resulting in malfunctioning, are also excluded from the warranty.

In all cases, ATP's liability for any claim made under this warranty shall not exceed the amount of the total payment made by the client for the products affected. Furthermore, the client shall not be entitled to claim payment deferral, price reduction or termination of the supply contract, if any.

No employee, agent or distributor is authorised to alter, modify or extend the warranty terms and conditions on behalf of ATP.

In any case, within the warranty period, no part or product may be disposed of before ATP gives its written authorisation. Likewise, the parts or products which are the subject of a claim shall become the property of ATP as soon as they

are replaced. The warranty period for a replaced or repaired part or product shall be the remaining warranty period for the product or part that is the subject of the claim.

Alumbrado Técnico Público, S.A. reserves the right to make any changes to the construction of its products without prior notice.

WARRANTY TERMS AND CONDITIONS ATP LED LUMINAIRES

All ATP LED street lighting luminaires are covered by a 10-YEAR warranty offered by ATP according to the terms and conditions included in this catalogue. This warranty shall include the replacement or repair of defective materials, but shall not cover any other additional expenses or costs, such as transport, assembly, disassembly, etc.

Regarding the components of its LED optics (LED module, power supply unit or driver and flux regulator), this 10-YEAR warranty covers (for equipment supplied from 1 February 2015) any manufacturing defect, assuming a maximum luminaire use of 4100 hours per year and a maximum ambient operating temperature of 35 °C. This warranty covers EXCLUSIVELY repair or replacement of the defective component, but under no circumstances does it cover any other additional expenses such as transport, assembly, disassembly, etc.

Within the warranty period and assuming a maximum luminaire use of 4100 hours per year and an average ambient operating temperature of 25°C, ATP guarantees

a flux of at least L80B10 over the 10 YEARS for all its LED luminaire models.

Electronic equipment and LED modules whose failure is due to a continuous mains overvoltage (exposure for more than one minute to a mains voltage greater than 264 VAC) are excluded from any warranty. Furthermore, any product that has been handled improperly or by unqualified persons or without ATP's written authorisation, if applicable, is excluded from any warranty.

Products that have suffered damage or impacts due to accidents during transport or installation, resulting in malfunctioning, are also excluded from the warranty.

WARRANTY TERMS AND CONDITIONS ATP KitLED®

All the components of ATP's LED UPGRADE KIT (LED module, power supply unit or driver and flux regulator) are covered by a 10-YEAR warranty against any manufacturing defect. This warranty assumes 4100 hours of use per year.

This warranty covers EXCLUSIVELY repair or replacement of the defective component, but under no circumstances does it cover any other additional expenses such as transport, assembly, disassembly, etc.

Any product that has been handled improperly or by unqualified persons or without ATP's written authorisation, if applicable, is excluded from any warranty.

Products that have suffered damage or impacts due to accidents during transport or installation, resulting in malfunctioning, are also excluded from the warranty.

WARRANTY TERMS AND CONDITIONS SOLAR ASSEMBLIES

ATP Lighting's autonomous solar assemblies offer the warranty detailed below:

- Luminaire: 10 years for any manufacturing defect (according to the terms and conditions included in this general catalogue).
- Driver: five years (5).
- Battery: One year (1) under normal operating conditions. It is not considered to be defective unless its performance is below 60% of the estimated total within the warranty period. The estimated useful life for operation in non-extreme climatic conditions is at least 7 years.
- Photovoltaic panel: 10 years for operational suitability (mechanical or wiring defects) and 25 years performance guarantee (after the first 25 years, the effective power of the panel shall be at least 80% of the nominal power).

As for the warranty of the components, it covers EXCLUSIVELY repair or replacement of the defective component, but under no circumstances does it cover any other additional expenses such as transport, assembly, disassembly, etc.

Any product that has been handled improperly or by unqualified persons or without ATP's written authorisation, if applicable, is excluded from any warranty.

Products that have suffered damage or impacts due to accidents during transport or installation, resulting in malfunctioning, are also excluded from the warranty.

Under no circumstances shall repair or replacement of the defective component extend the warranty on that or any other component.

WARRANTY CONDITIONS – BOLLARD

The lamps installed in ATP bollards, both in models with E-27 sockets and in GU-10 sockets from the Focus family, come with a 2-year warranty, in accordance with the conditions established by the suppliers of these components. This warranty covers any manufacturing or operational defects that may occur during this period, provided that the product has been used in accordance with the technical specifications and installation recommendations.