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Factory · Branches · Exports

Designed and manufactured entirely by ATP in Spain

ATP General Catalogue

ATP

10 year warranty immune to corrosion street lighting

General Catalogue

Innovating since **1969**

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.

IP66+
Totally hermetic

IK10+
Beyond vandal proof

Class II+
Anti-electrocution

Exhibition Siglo XLTA made entirely from our exclusive high-impact tropicalized transparent thermopolymer T5.

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:

IP66+
Totally hermetic

IK10+
Beyond vandal proof

Class II+
Anti-electrocution

Staff

A workforce with more than 60% engineers

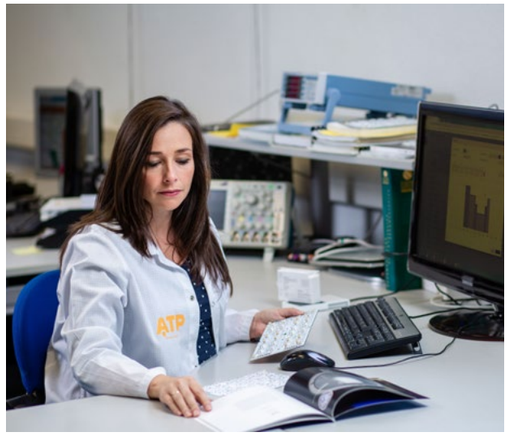
In a highly competitive global market, ATP stands out for a **team of professionals** with the **highest technical qualifications,** prepared to realize the demands of the firm founded on the four pillars that support it: **innovation, quality, service,** and **warranty.**

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 specialities, 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.

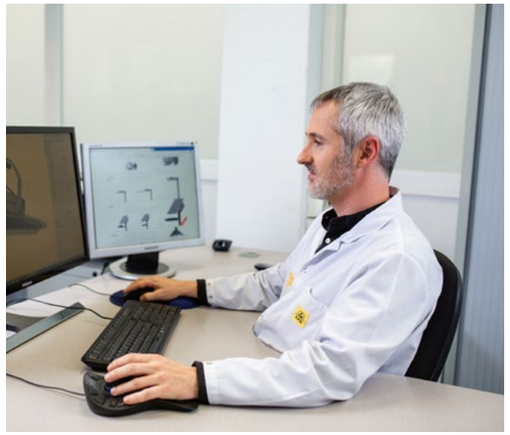
This spirit that permeates the team is the true **company culture** of ATP, thanks to which we are currently a **unique firm** with much to contribute to the outdoor lighting sector.

Guillermo Redrado, vice president of Operations.



Sandra Solán, director of R & D Department.

Sergio García, industrial Director.



Miguel Domeño, director of the Technical Office.

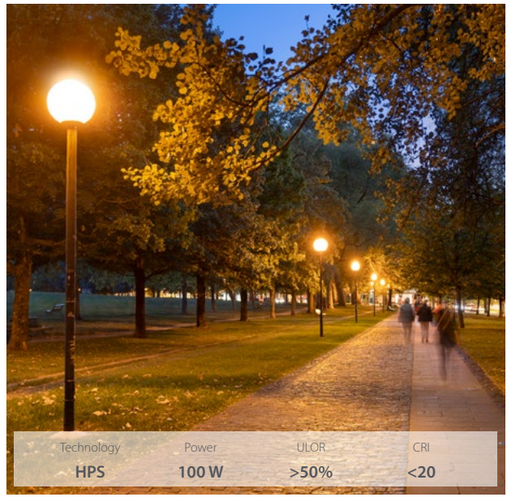
Competitiveness

A production system adapted to the global market

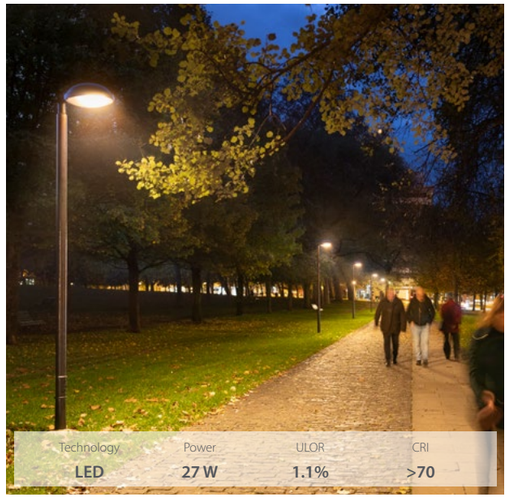
Through an **integrated procedure** from design to installation, at ATP we offer agile and fast service. The versatility of our production system, built on **state-of-the-art machinery,** allows us to adapt quickly to the needs of a changing market. Pioneers in the manufacture of premium outdoor lighting 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** with the continuous effort of a **highly integrated and qualified team** has enabled ATP luminaires to obtain recognition and an outstanding position in the global market, where we have satisfied customers in more than 80 countries. This achievement is demonstrated in the prestigious **international design awards** Red Dot, German Design Award, Design Plus, Muse Design Award, and NY Design Award obtained over the years for our luminaires.

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.

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

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

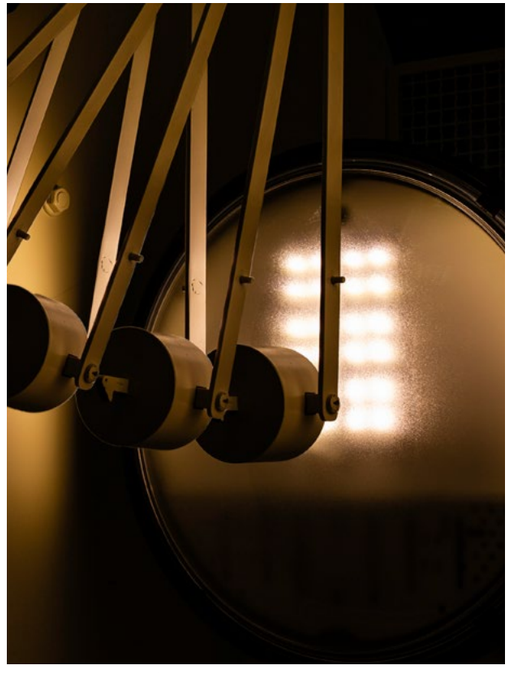
Vandalism is not a threat to ATP outdoor lighting. All our light points pass impact tests exceeding **50 joules,** more than double that established by international Standard IEC 62262 to obtain the maximum degree of resistance, **IK10** (20 joules). At this level of exceptional robustness of the housing, 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/m^3 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/m^2.

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 15º).
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.

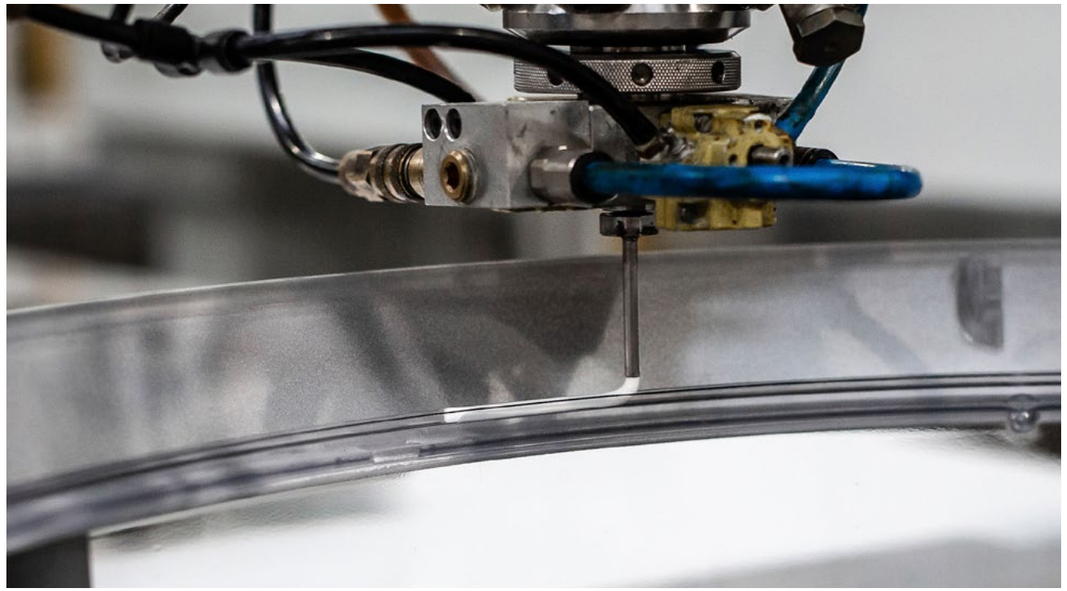
Siglo XLA LED with Comfort Diffuser® made with our S7 and T5 polymers.

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.**

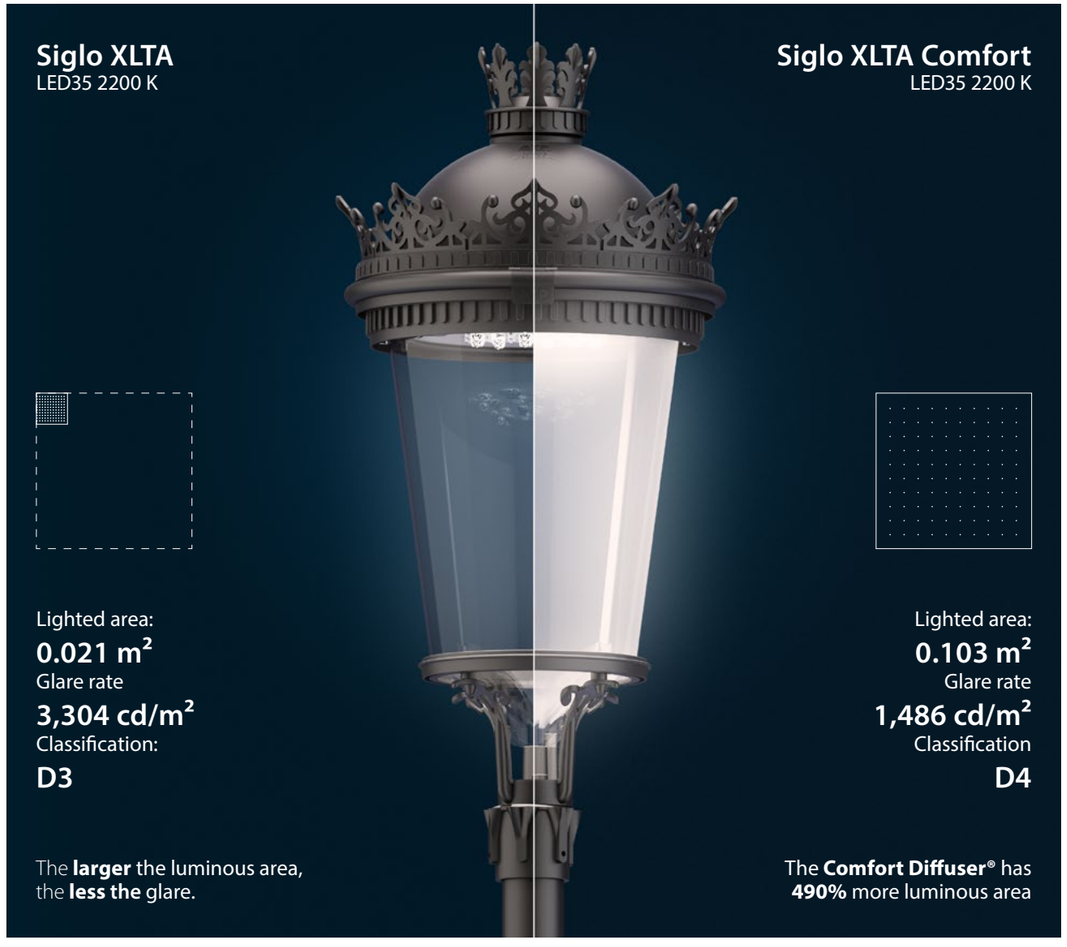
This non-conductive material is responsible for ensuring that direct contact with the lamp is one hundred percent safe. Additionally, its proven resistance to **vandalism** and **environmental agents** –rain, ice, nitrate, intense sun, environments with high pollution or toxicity– guarantees that the 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®

LED temperature

-21%

Useful life

+27%

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).

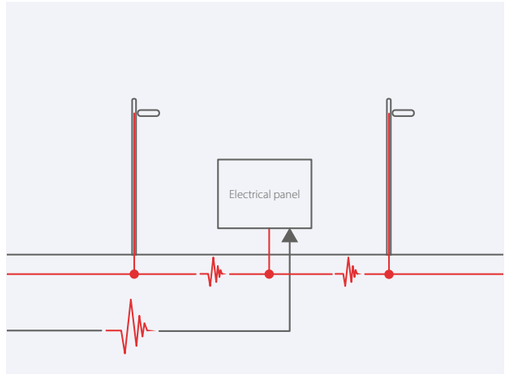
ATP Laminar Heatsink® in Metrópoli LBLC luminaire.

Immunity to overvoltages

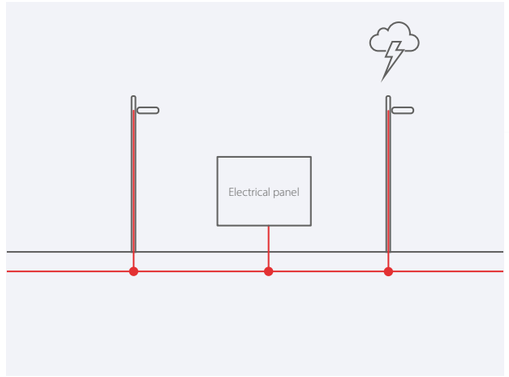
The most robust luminaires on the market

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.**

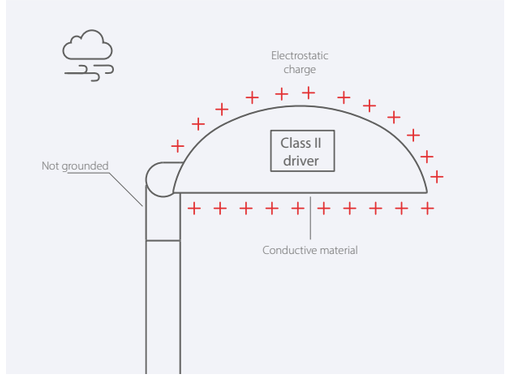


Disturbances due to operations in the electrical network.



Lightning surge.

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



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
- IP66+ Totally hermetic
- IK10+ 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 chamber, 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.**

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.

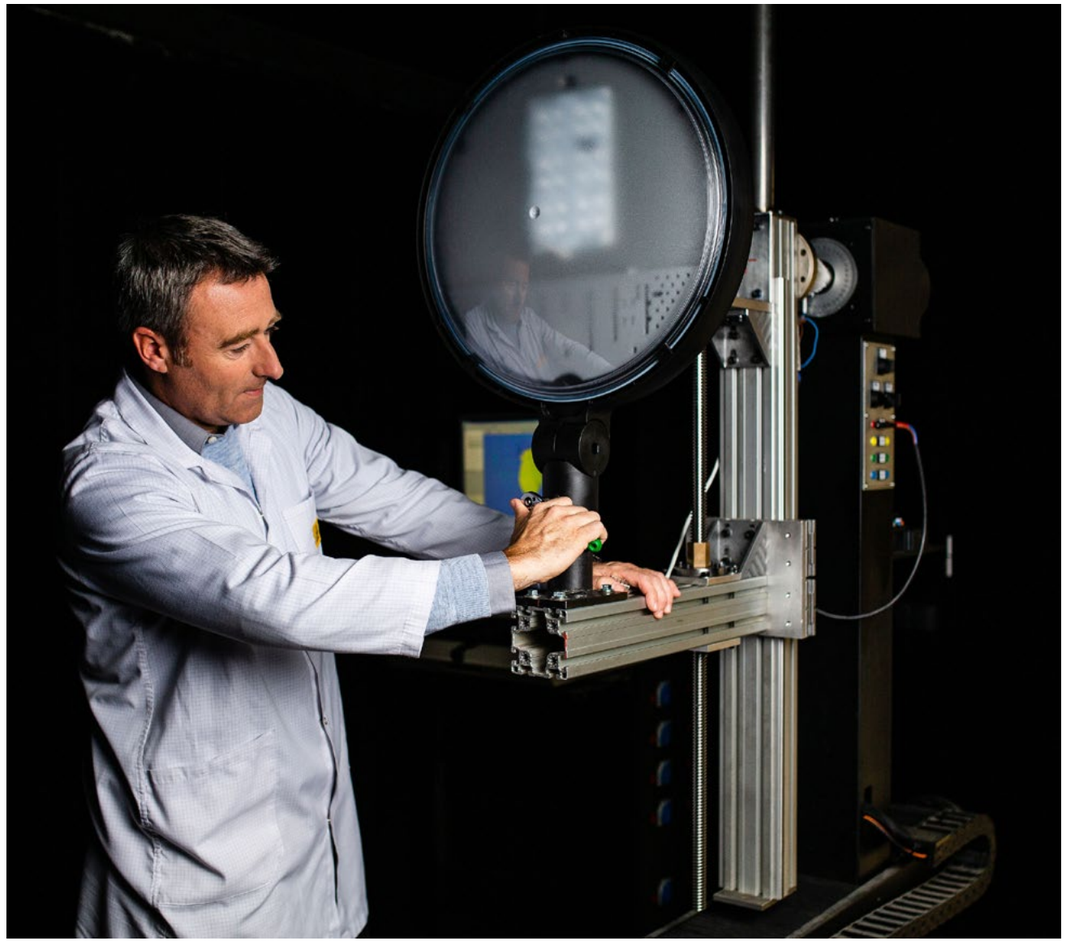
Recommended colour temperatures depend on the application: **2700 K, 2200 K** and **1800 K** for conventional uses that require a high colour rendering index (CRI) and **PC Amber** for especially sensitive places, such as observatories or natural parks. Taking these parameters into account, we are able 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.

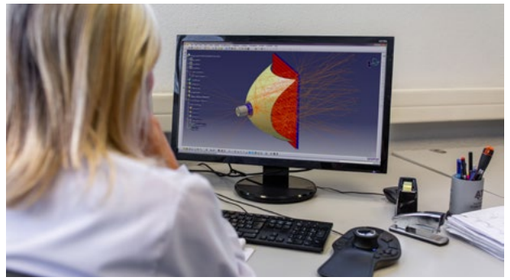
Services

Lighting studies and 3D rendering



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

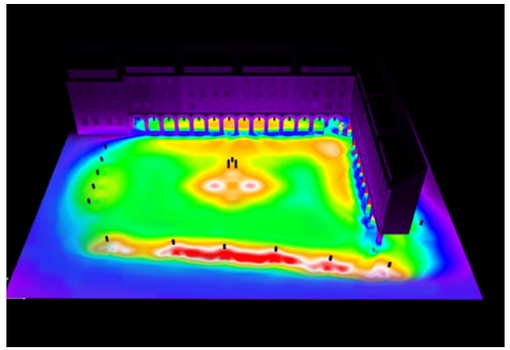
Our factory is equipped with its own **photometric laboratory** with a high precision **photogoniometer** to carry out all pertinent testing. These tests include measurements of flux, efficiency, colour temperature, colour rendering index, and photometric curves, among other parameters, with maximum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



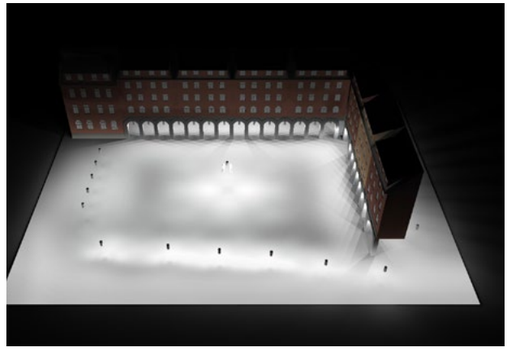
Optics simulation and design program interface at our headquarters.

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.



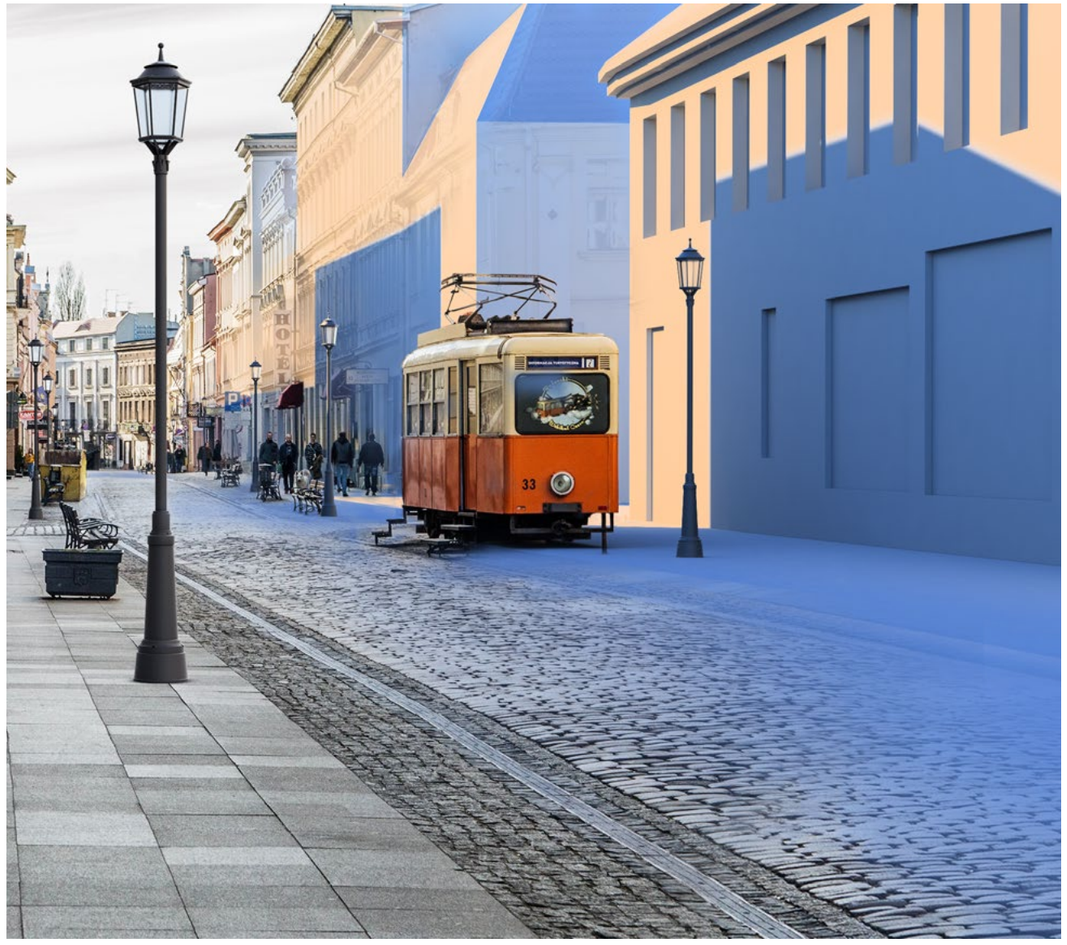
Virtual representation of illuminance in greyscale.

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

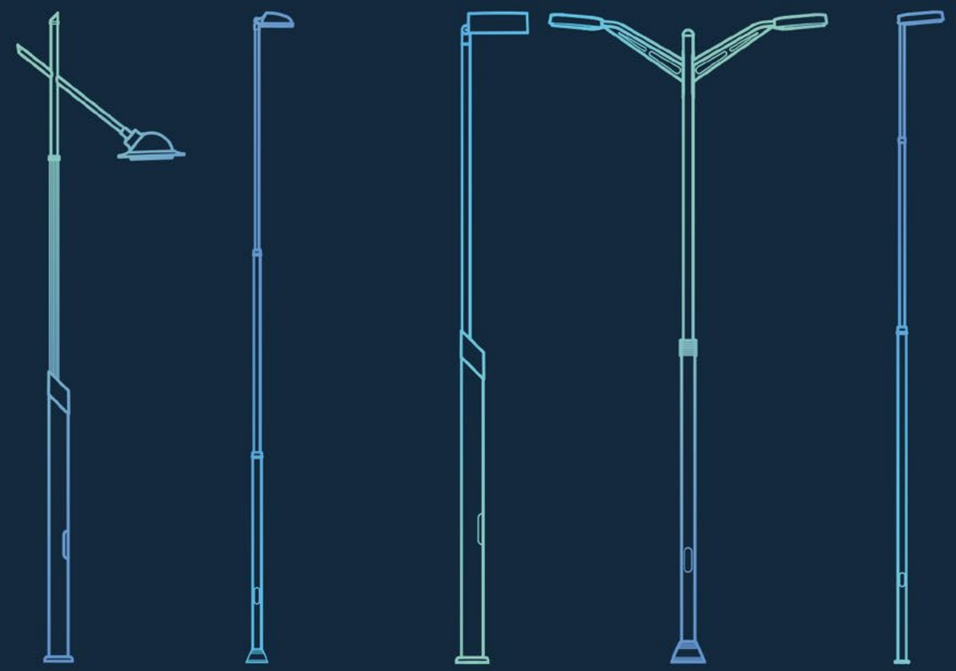
IK10+

Beyond vandal proof

Class II+ anti-electrocution

WARRANTY 10 YEAR

10 year warranty



ASSEMBLIES

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LOW ASSEMBLIES

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Assembly 2.2
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Assembly 3.1
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Assembly 3.2
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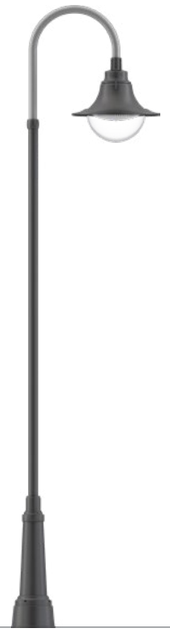

Assembly 4.5
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Assembly 4.6
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Assembly 4.7
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Assembly 4.8
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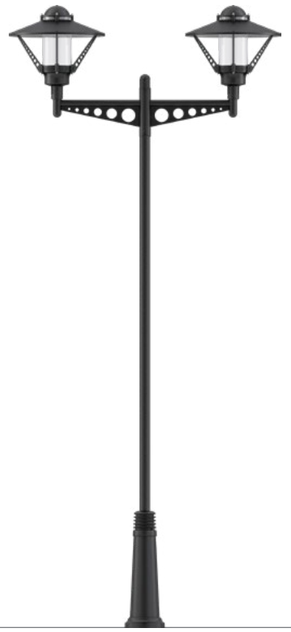

Assembly 4.9
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Assembly 4.10
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Assembly 4.11
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Assembly 4.12
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Assembly 4.25
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Assembly 4.27
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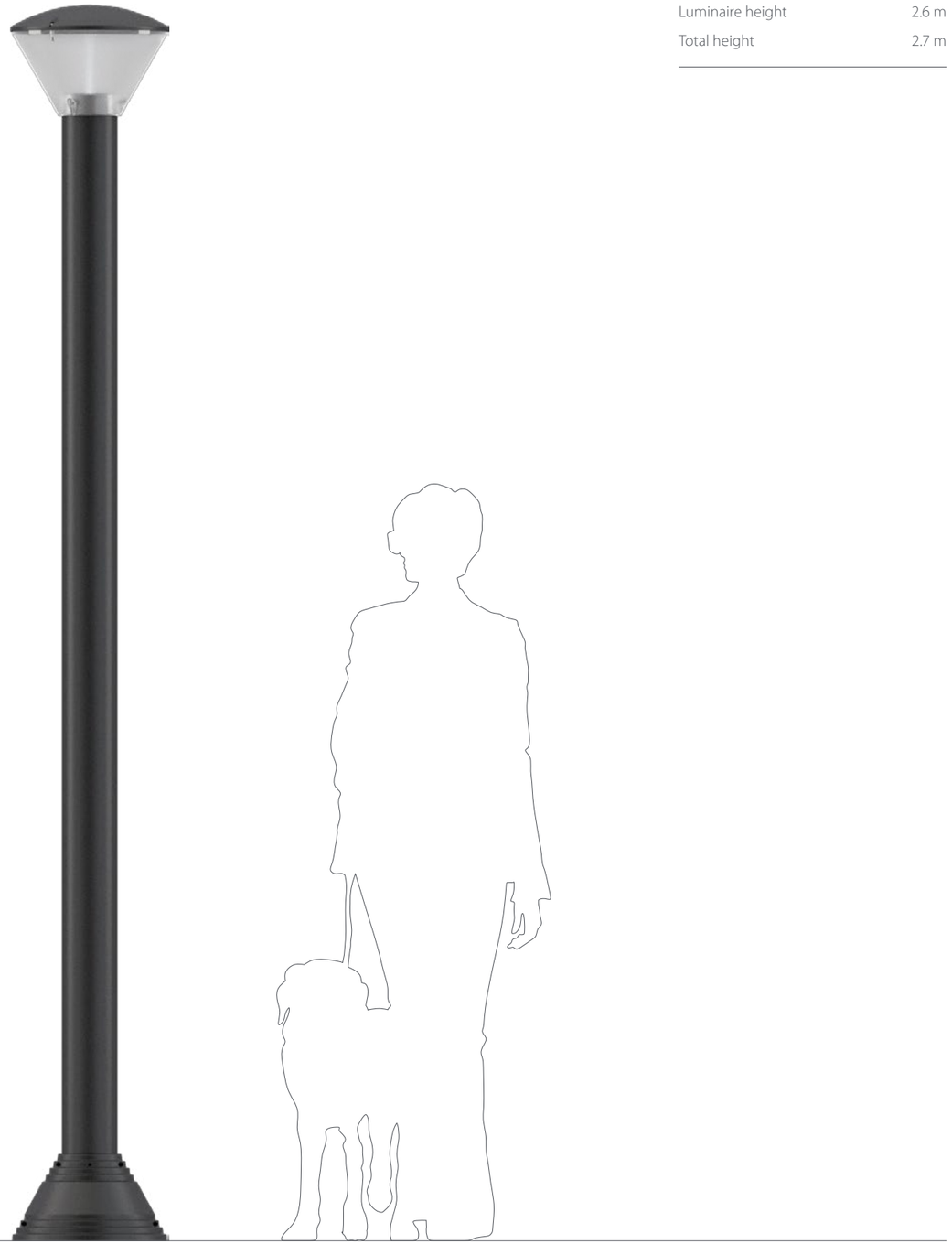
Assembly 2.1



Specifications

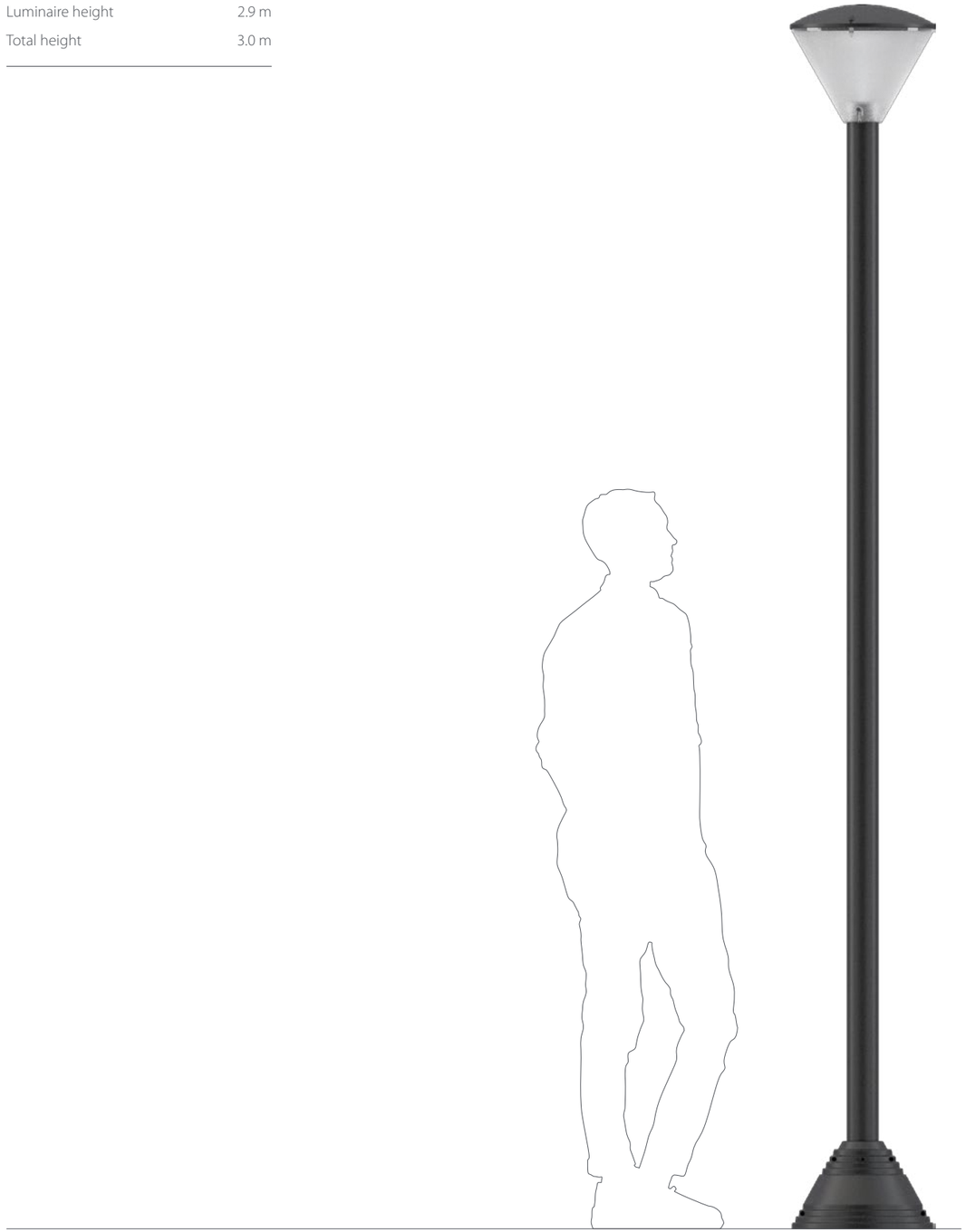
Luminaire height	2.6 m
Total height	2.7 m

* Column without access panel

Assembly 2.2

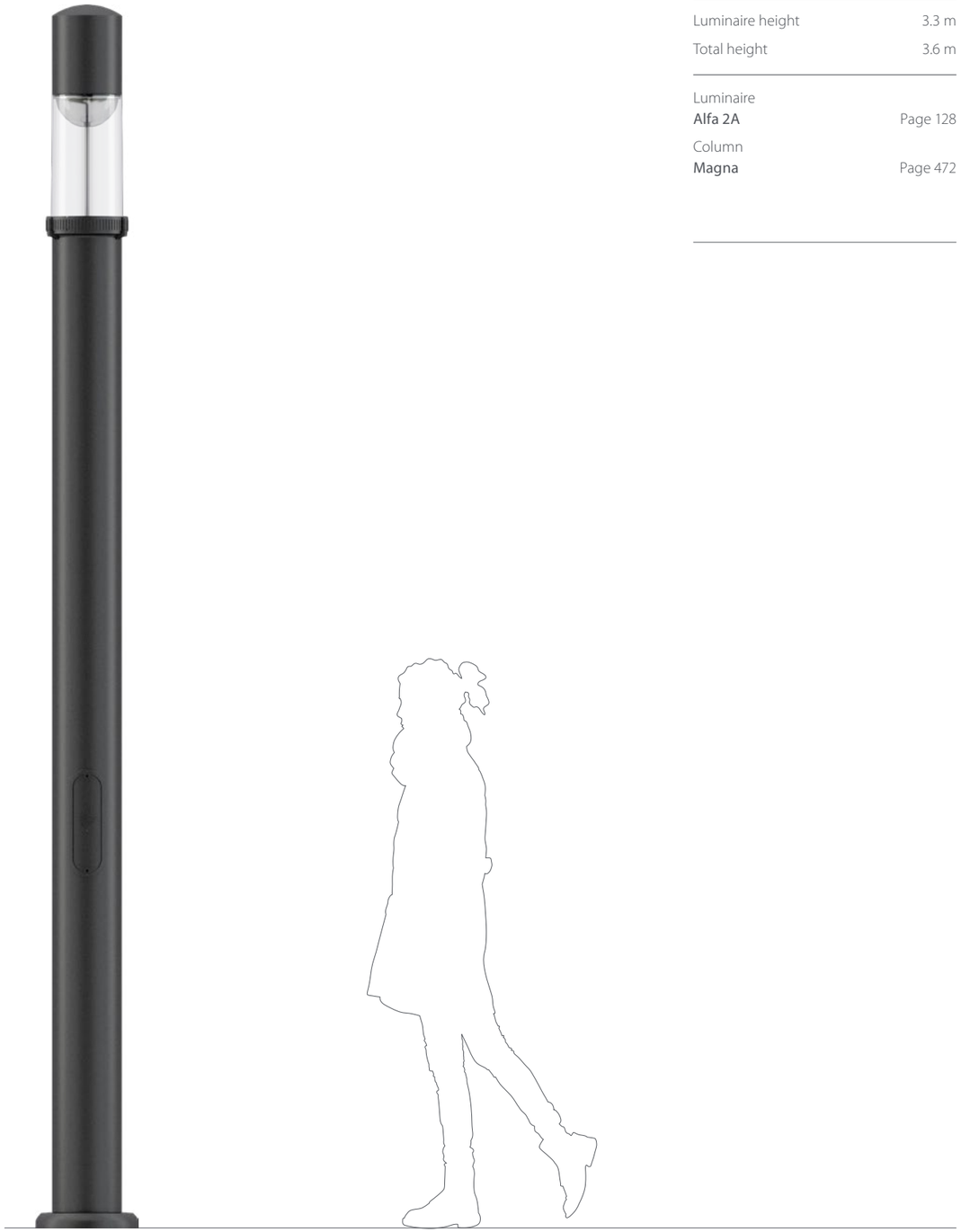
Specifications

Luminaire height	2.9 m
Total height	3.0 m



* Column without access panel

Assembly 3.1



Specifications

Luminaire height	3.3 m
Total height	3.6 m
Luminaire	
Alfa 2A	Page 128
Column	
Magna	Page 472

Assembly 3.2

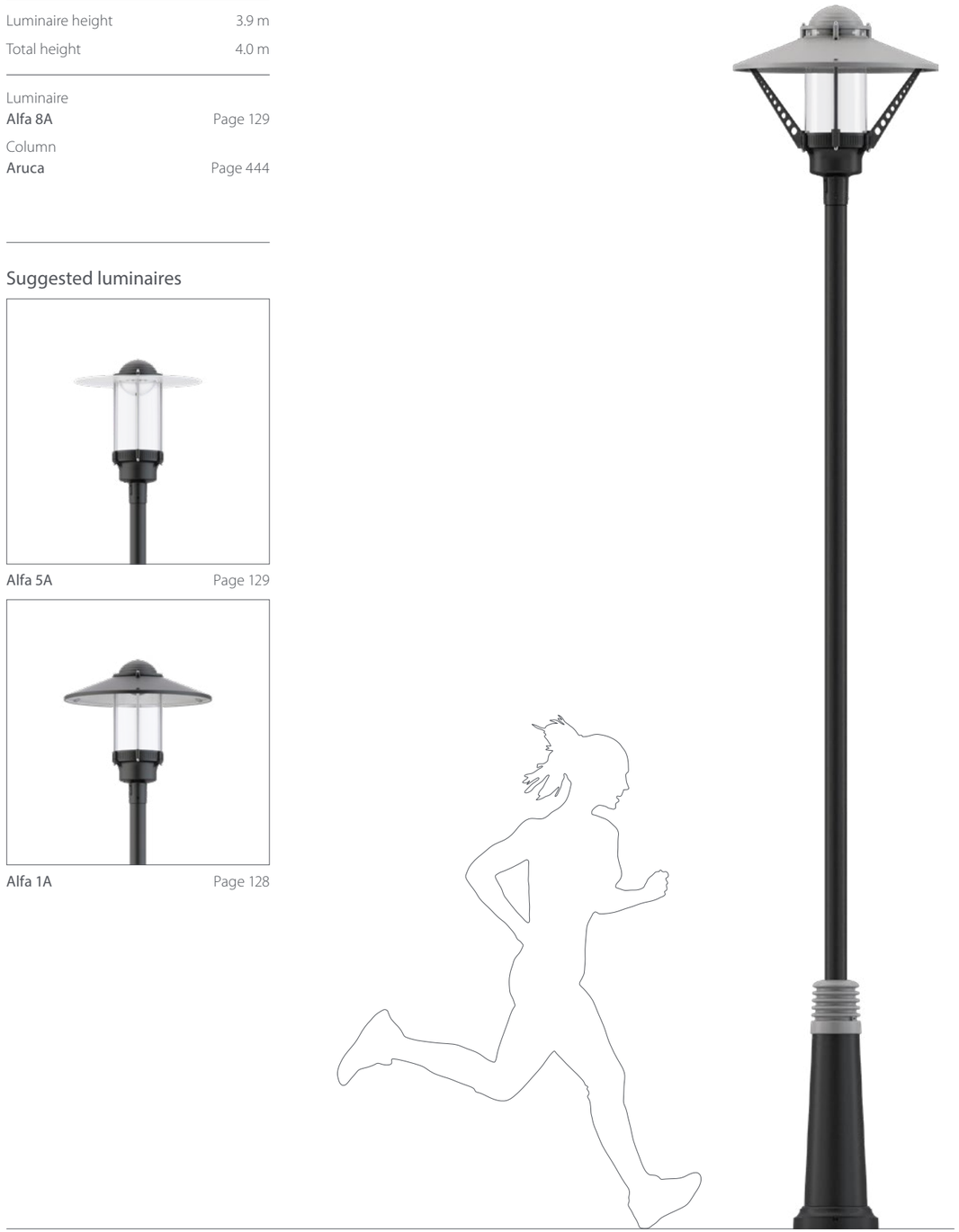
Specifications

Luminaire height	3.9 m
Total height	4.0 m
Luminaire	
Alfa 8A	Page 129
Column	
Aruca	Page 444

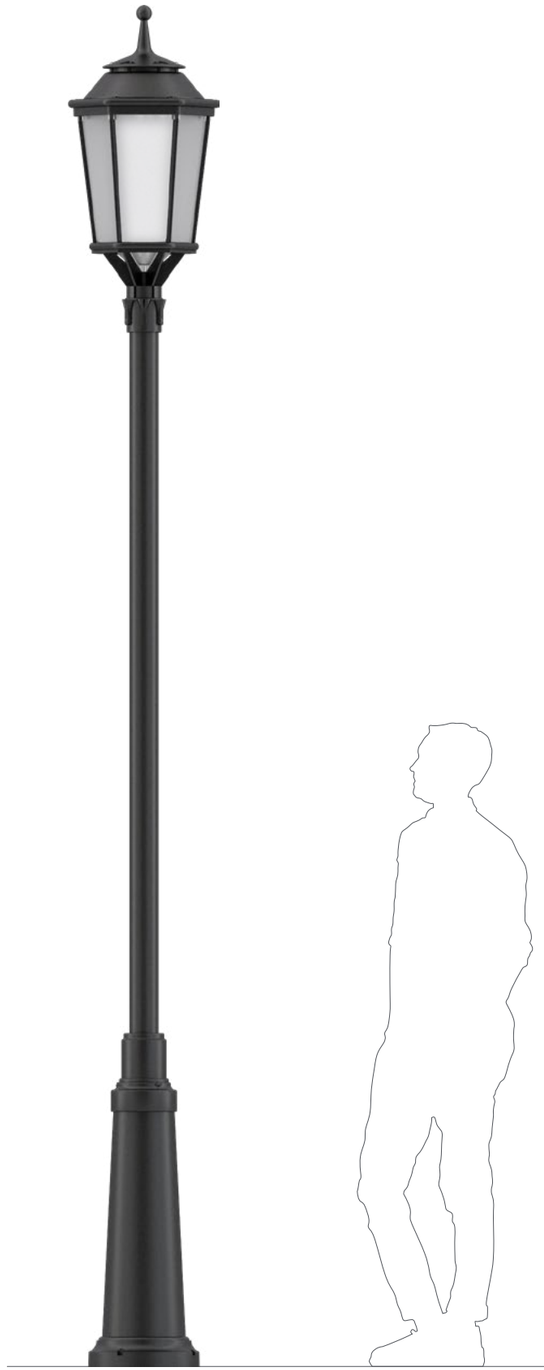
Suggested luminaires

Alfa 5A Page 129

Alfa 1A Page 128



Assembly 3.3



Specifications

Luminaire height	3.5 m
Total height	3.8 m

Luminaire	
Litoral A	Page 173
Column	
Nova	Page 399

Suggested luminaires

Palacio A Page 173

Real A Page 174

Cisne A Page 172

Assembly 3.4

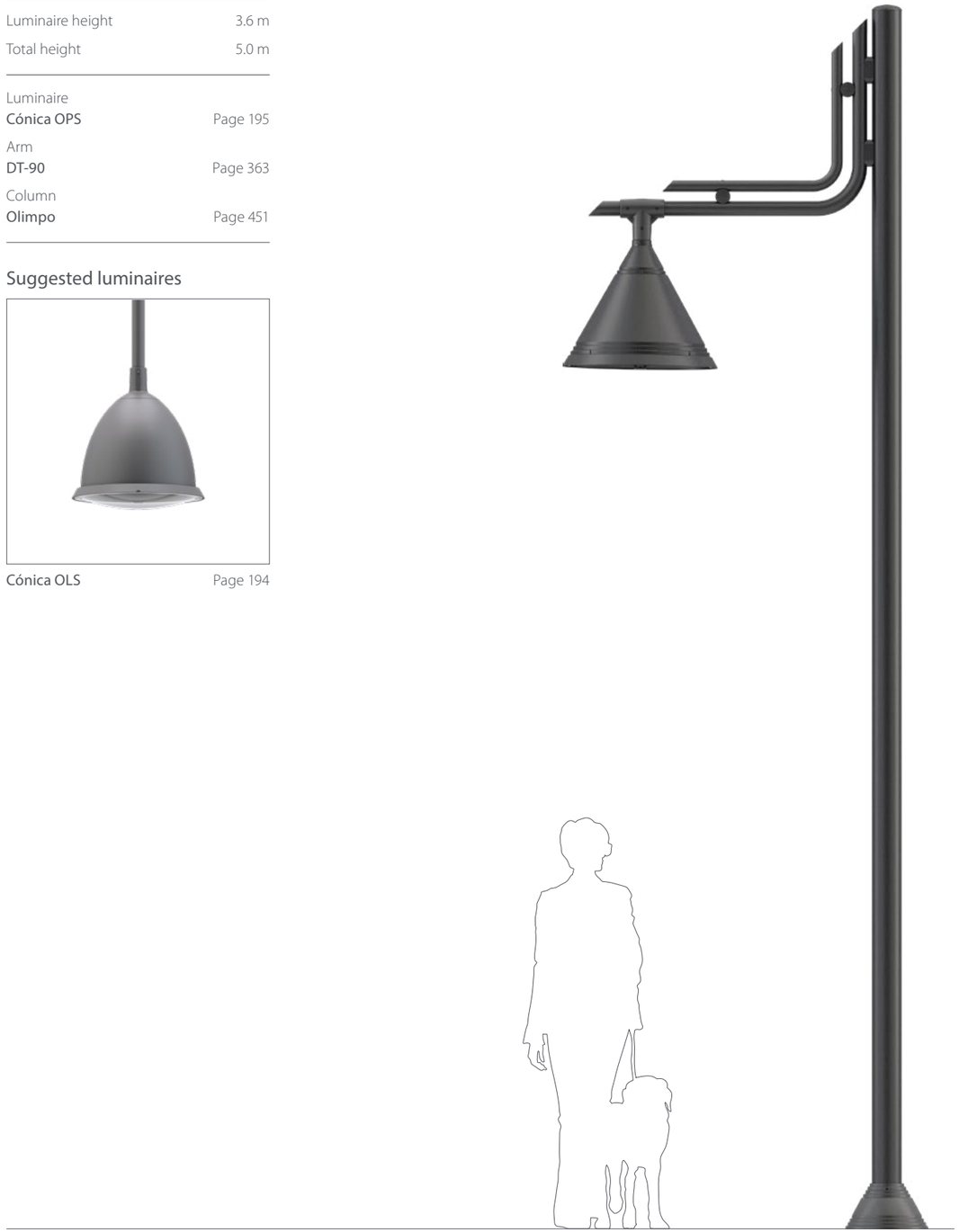
Specifications

Luminaire height	3.6 m
Total height	5.0 m

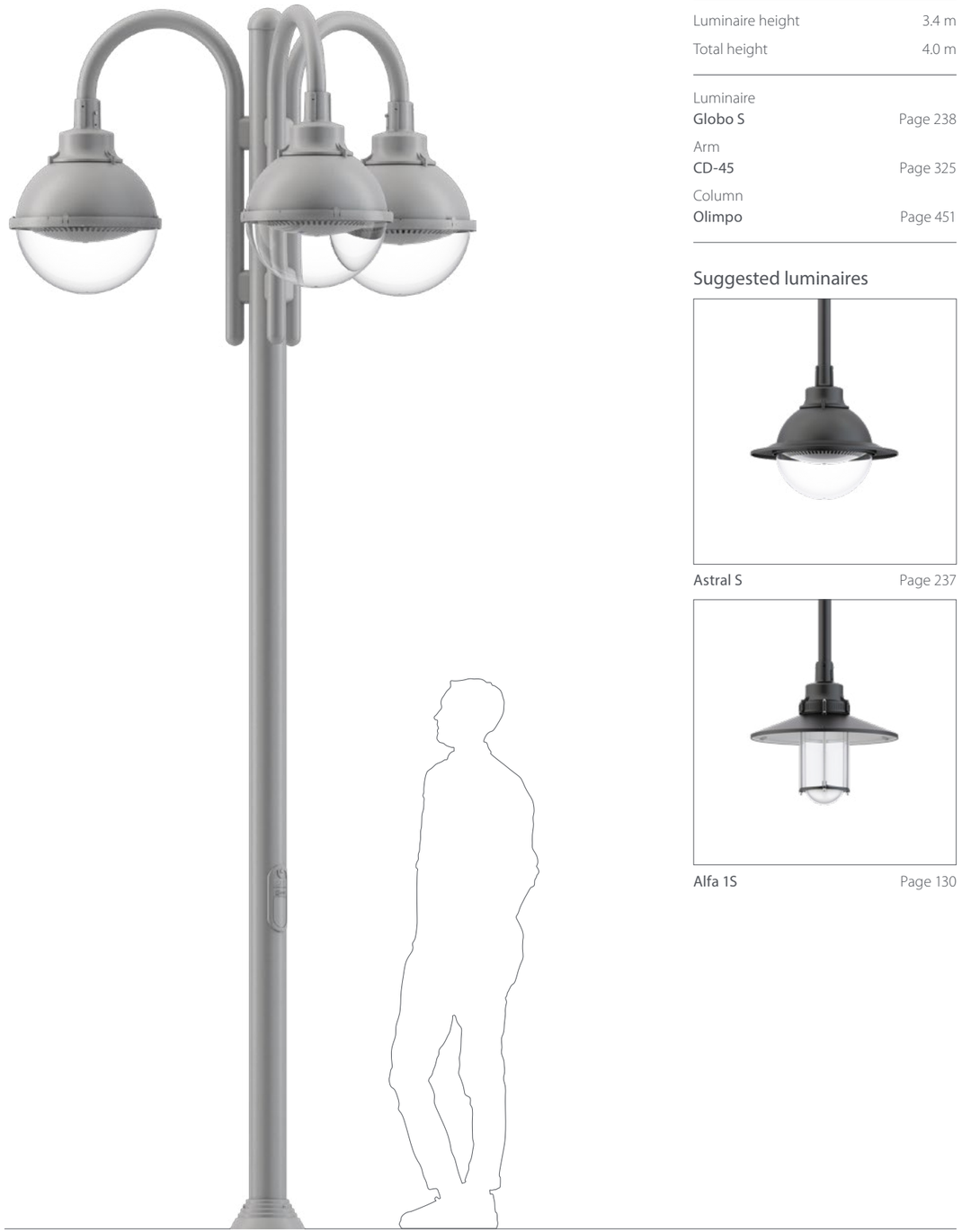
Luminaire	
Cónica OPS	Page 195
Arm	
DT-90	Page 363
Column	
Olimpo	Page 451

Suggested luminaires

Cónica OLS Page 194



Assembly 3.5



Specifications

Luminaire height	3.4 m
Total height	4.0 m

Luminaire **Globo S**	Page 238
Arm **CD-45**	Page 325
Column **Olimpo**	Page 451

Suggested luminaires

Astral S Page 237

Alfa 1S Page 130

Assembly 3.6

Specifications

Luminaire height	3.6 m
Total height	3.9 m

Luminaire **Villa XLA**	Page 158
Column **Urbe**	Page 464

Suggested luminaires

Plaza XLA Page 143

Assembly 3.7

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 221

Assembly 3.8

Specifications

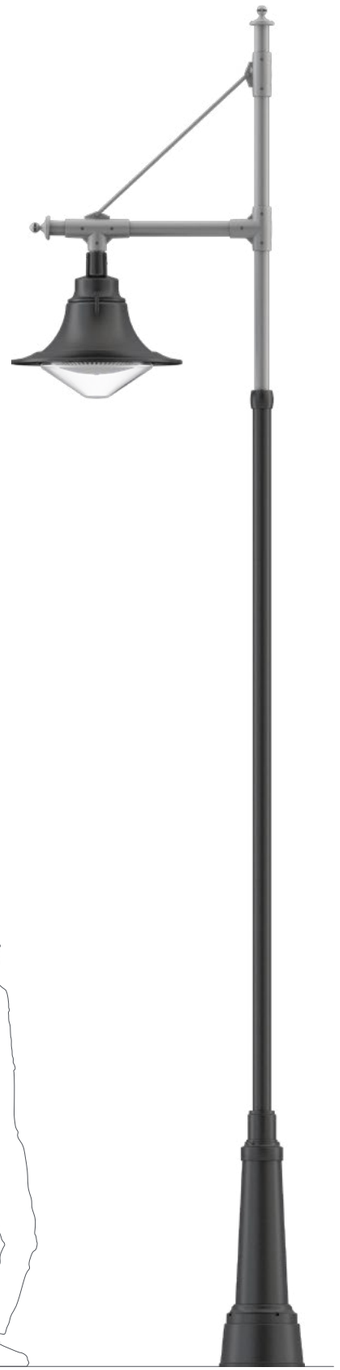
Luminaire height	4.0 m
Total height	5.4 m

Luminaire **Paseo S**	Page 239
Arm **BG-60**	Page 360
Column **Nova**	Page 399

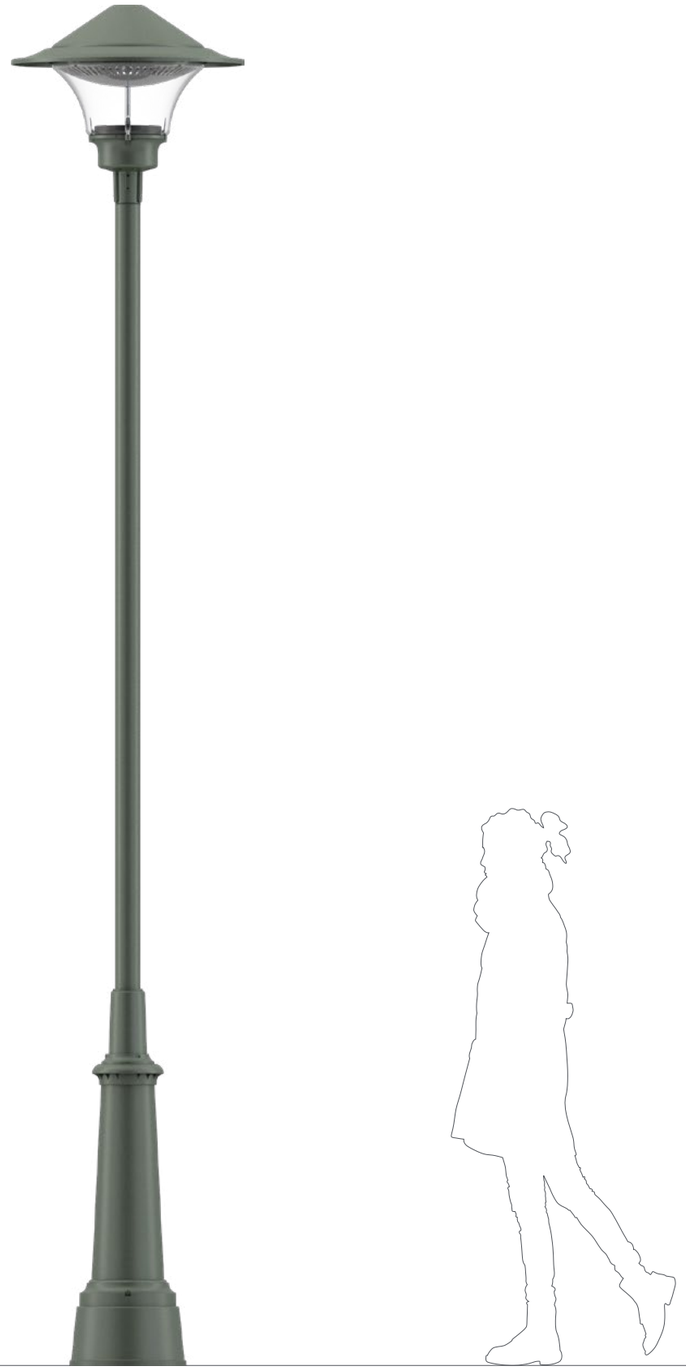
Suggested luminaires

Alameda S Page 236

Pescador S Page 240



Assembly 3.9



Specifications

Luminaire height	3.8 m
Total height	4.1 m

Luminaire	
Paseo A	Page 235
Column	
Urbe	Page 464

Suggested luminaires

Urania A Page 184

Alameda A Page 232

Europa A Page 233

Assembly 3.10

Specifications

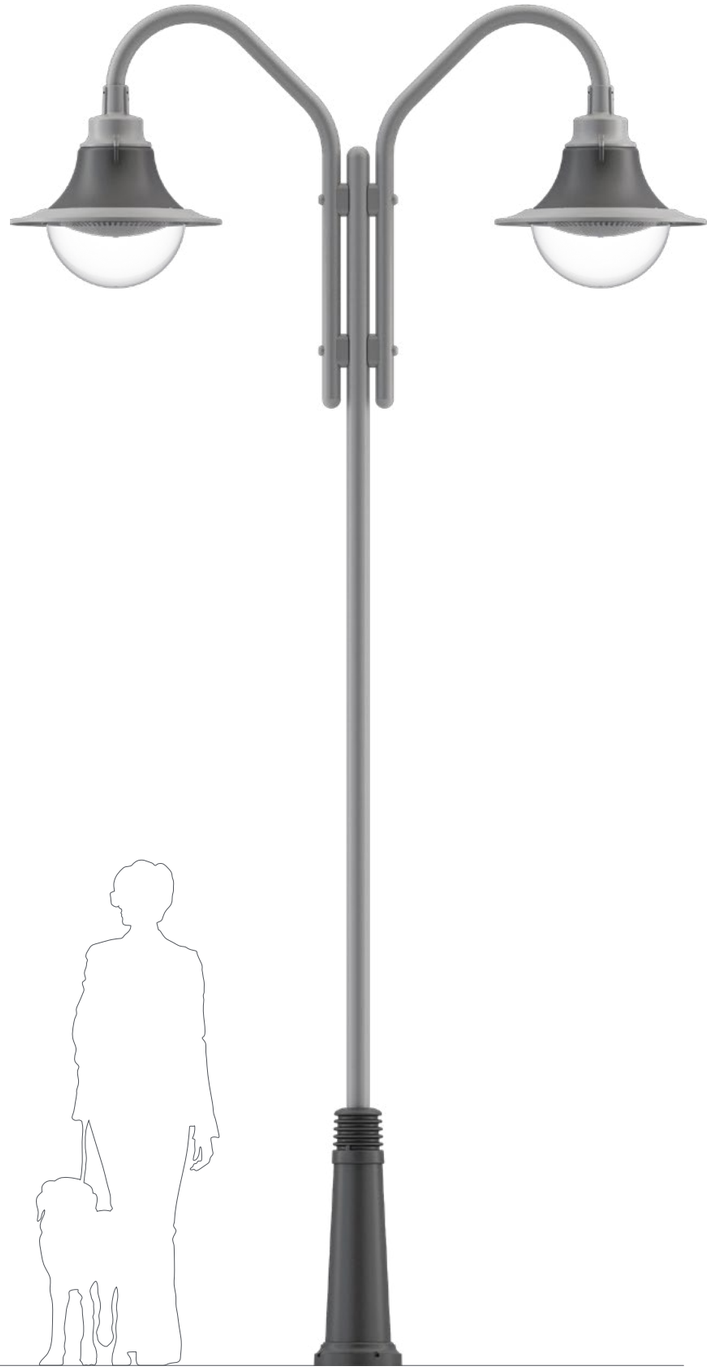
Luminaire height	3.9 m
Total height	4.5 m

Luminaire	
Pescador S	Page 240
Arm	
FK-75	Page 333
Column	
Aruca	Page 444

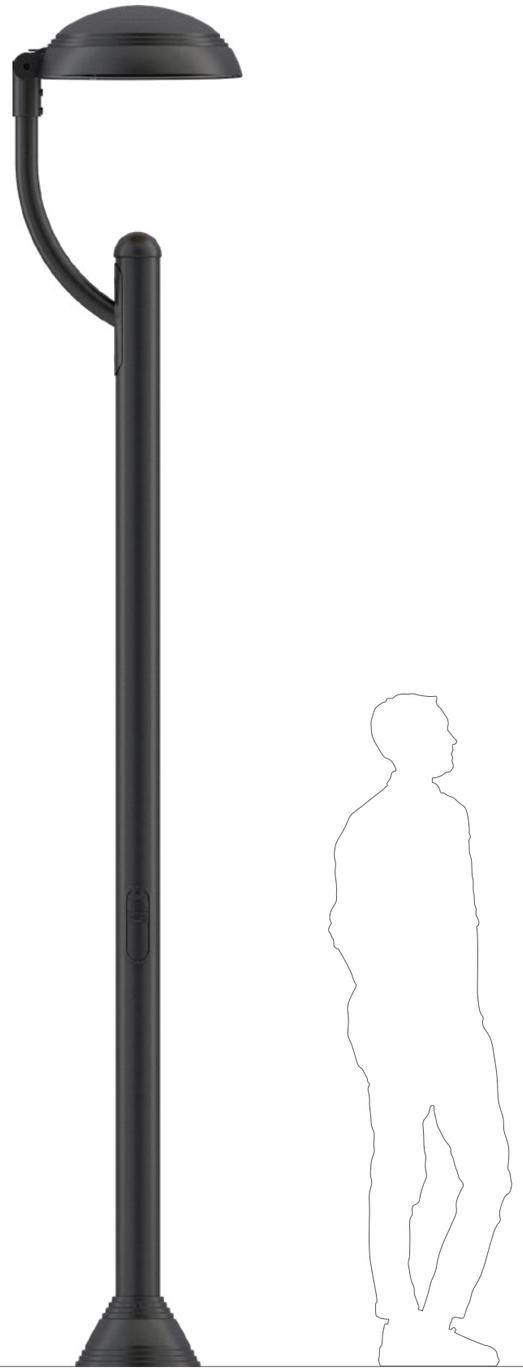
Suggested luminaires

Alameda S Page 236

Astral S Page 237



Assembly 3.11



Specifications

Luminaire height	3.5 m
Total height	3.6 m
Luminaire **Evolución P**	Page 220
Arm **BC-35**	Page 388
Column **Olimpo**	Page 451

Suggested luminaires

Metrópoli LBP Page 314

Croma P Page 204

Assembly 3.12

Specifications

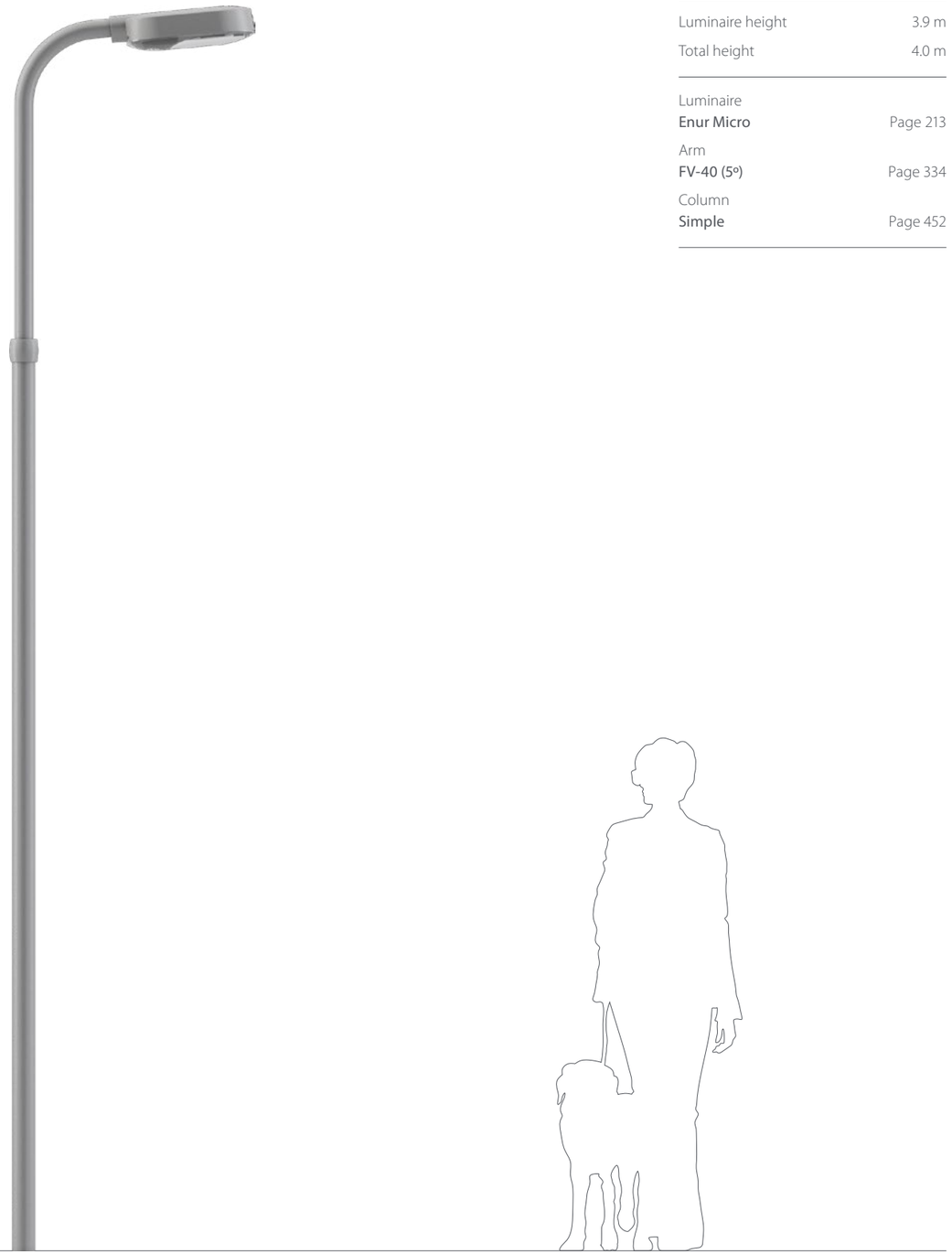
Luminaire height	3.4 m
Total height	3.7 m
Luminaire **Enur Micro**	Page 213
Arm **MT-10**	Page 355
Column **Simple**	Page 452

Suggested luminaires

Aire® 3 Series Page 178

* Column without access panel

Assembly 3.13



Specifications

Luminaire height	3.9 m
Total height	4.0 m
Luminaire	
Enur Micro	Page 213
Arm	
FV-40 (5º)	Page 334
Column	
Simple	Page 452

* Column without access panel

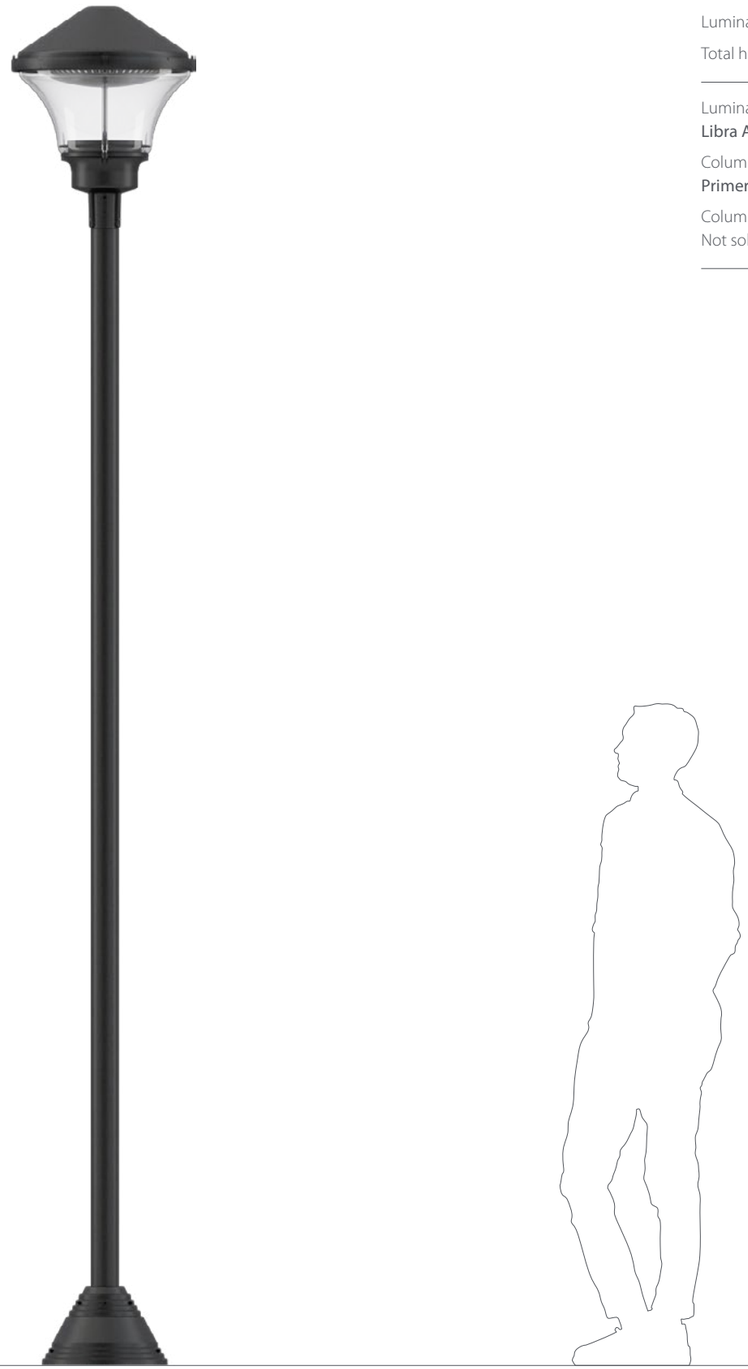
Assembly 3.14

Specifications

Luminaire height	3.7 m
Total height	4.0 m
Luminaire	
Enur Micro	Page 213
Arm	
MD-50	Page 354
Column	
Simple	Page 452

* Column without access panel

Assembly 3.15



Specifications

Luminaire height	3.5 m
Total height	3.7 m

Luminaire
Libra A Page 234

Column
Primera F 3 m

Column model exclusive to this assembly.
Not sold separately.

* Column without access panel.

Assembly 3.16

Specifications

Luminaire height	3.9 m
Total height	4.2 m

Luminaire
Litoral A Page 173

Column
Primera C 3 m

Column model exclusive to this assembly.
Not sold separately.

* Column without access panel.

Assembly 4.1

Specifications

Luminaire height	4.1 m
Total height	4.2 m

Luminaire	
Cónica TLA	Page 192
Column	
Coliseo	Page 447

Suggested luminaires

Venus TLA Page 300

Assembly 4.2

Specifications

Luminaire height	4.0 m
Total height	4.6 m

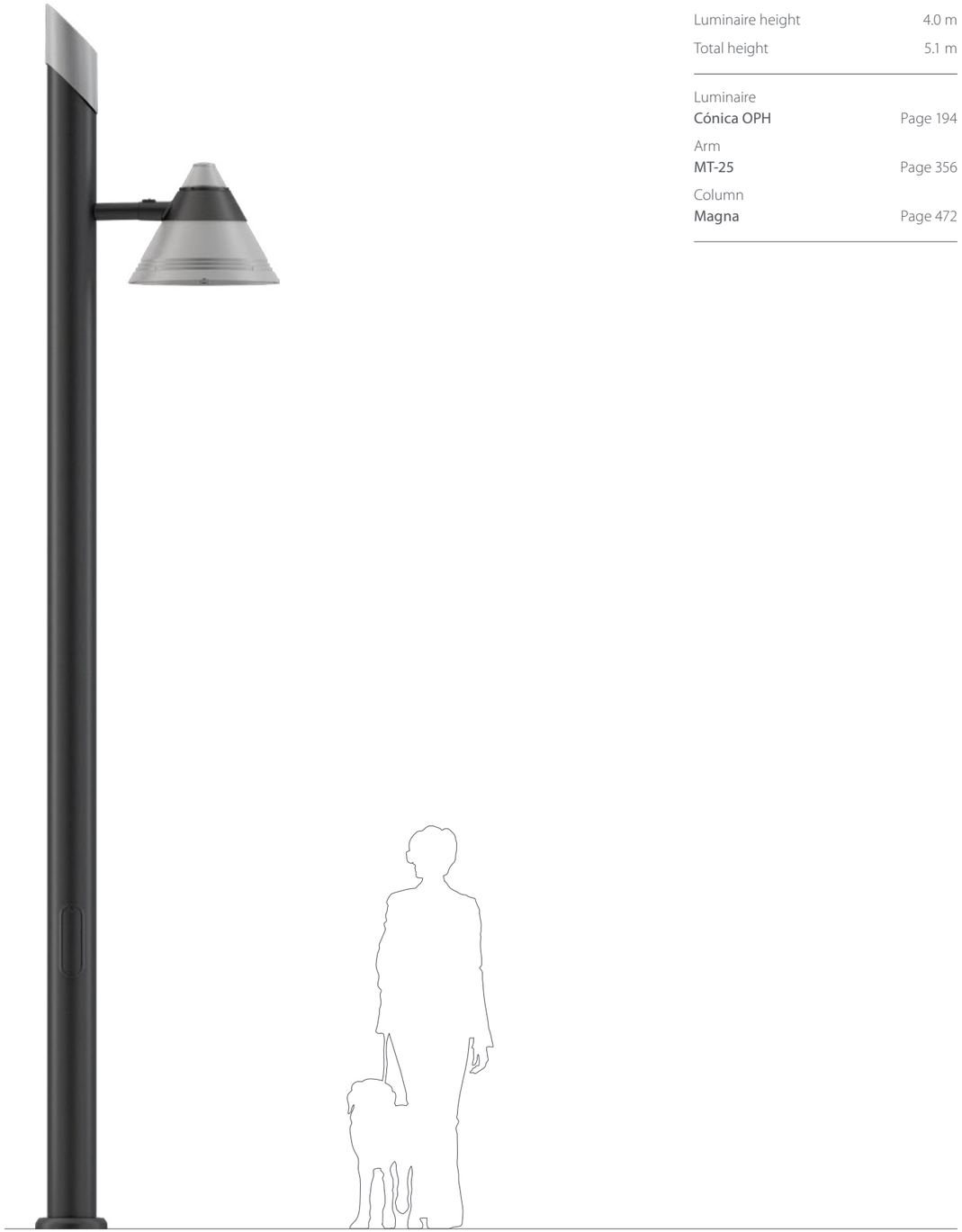
Luminaire	
Globo BLCI	Page 244
Arm	
CDI-40	Page 327
Column	
Coliseo	Page 447

Suggested luminaires

Astral LI Page 242

Globo I Page 243

Assembly 4.3



Specifications

Luminaire height	4.0 m
Total height	5.1 m
Luminaire	
Cónica OPH	Page 194
Arm	
MT-25	Page 356
Column	
Magna	Page 472

Assembly 4.4

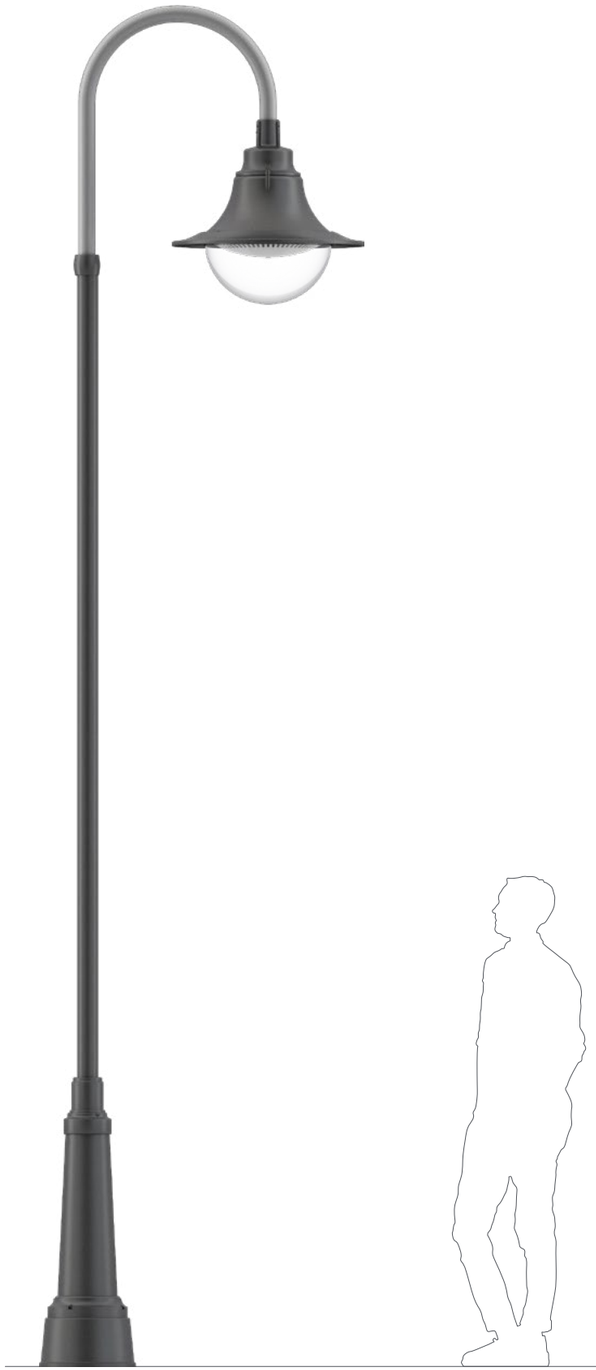
Specifications

Luminaire height	4.1 m
Total height	4.9 m
Luminaire	
Globo A	Page 234
Arm	
CD-60	Page 326
Column	
Avenida	Page 396

Suggested luminaires

Pescador A Page 235

Assembly 4.5



Specifications

Luminaire height	4.2 m
Total height	5.0 m

Luminaire **Pescador S**	Page 240
Arm **CD-60**	Page 326
Column **Nova**	Page 399

Suggested luminaires

Pescador LS Page 240

Alameda S Page 236

Paseo S Page 239

Assembly 4.6

Specifications

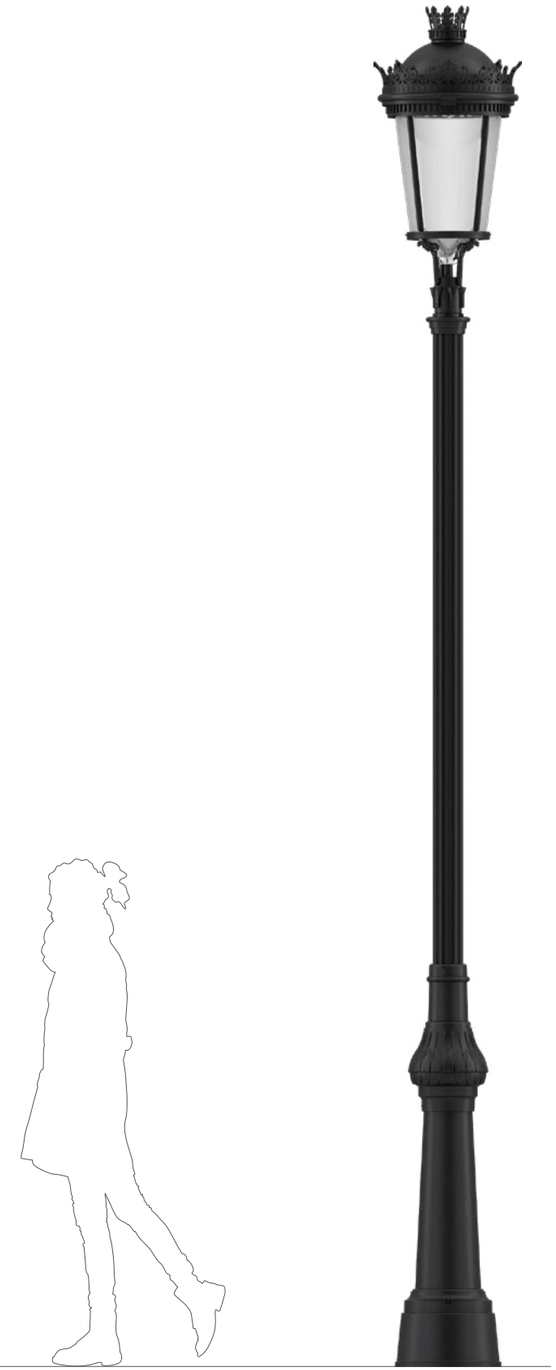
Luminaire height	4.2 m
Total height	4.5 m

Luminaire **Siglo XLA**	Page 145
Column **Avenida**	Page 396

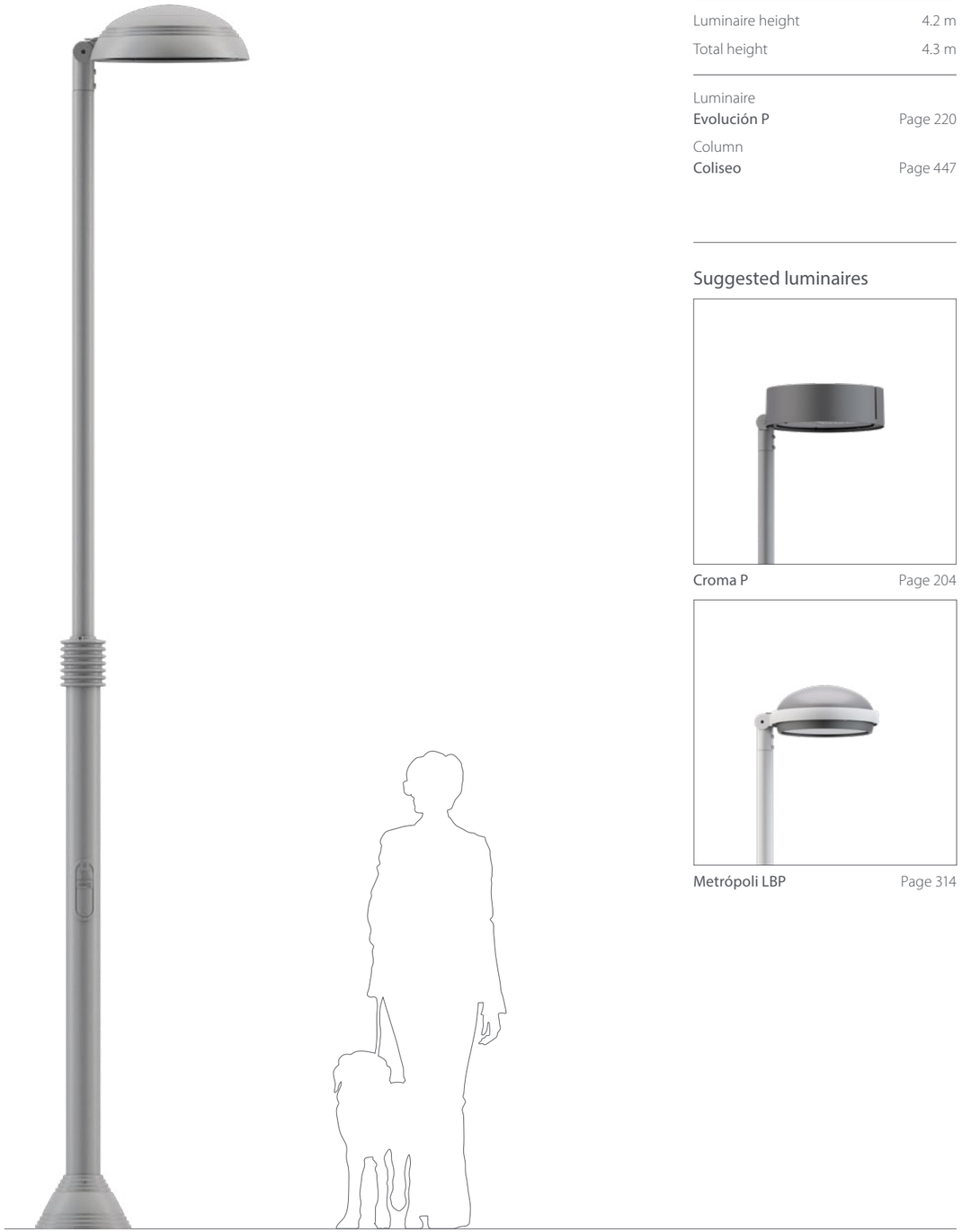
Suggested luminaires

Malaki XLA Page 142

Plaza XLA Page 143



Assembly 4.7



Specifications

Luminaire height	4.2 m
Total height	4.3 m

Luminaire **Evolución P**	Page 220
Column **Coliseo**	Page 447

Suggested luminaires

Croma P Page 204

Metrópoli LBP Page 314

Assembly 4.8

Specifications

Luminaire height	3.6 m
Total height	4.3 m

Luminaire **Metrópoli LBP**	Page 314
Arm **MT-10**	Page 355
Column **Coliseo**	Page 447

Assembly 4.9

Specifications

Luminaire height	4.2 m
Total height	4.3 m

Luminaire	
Alfa 8A	Page 129
Arm	
FA-60	Page 351
Column	
Coliseo	Page 447

Suggested luminaires

Alfa 1A Page 128

Alfa 5A Page 129

Assembly 4.10

Specifications

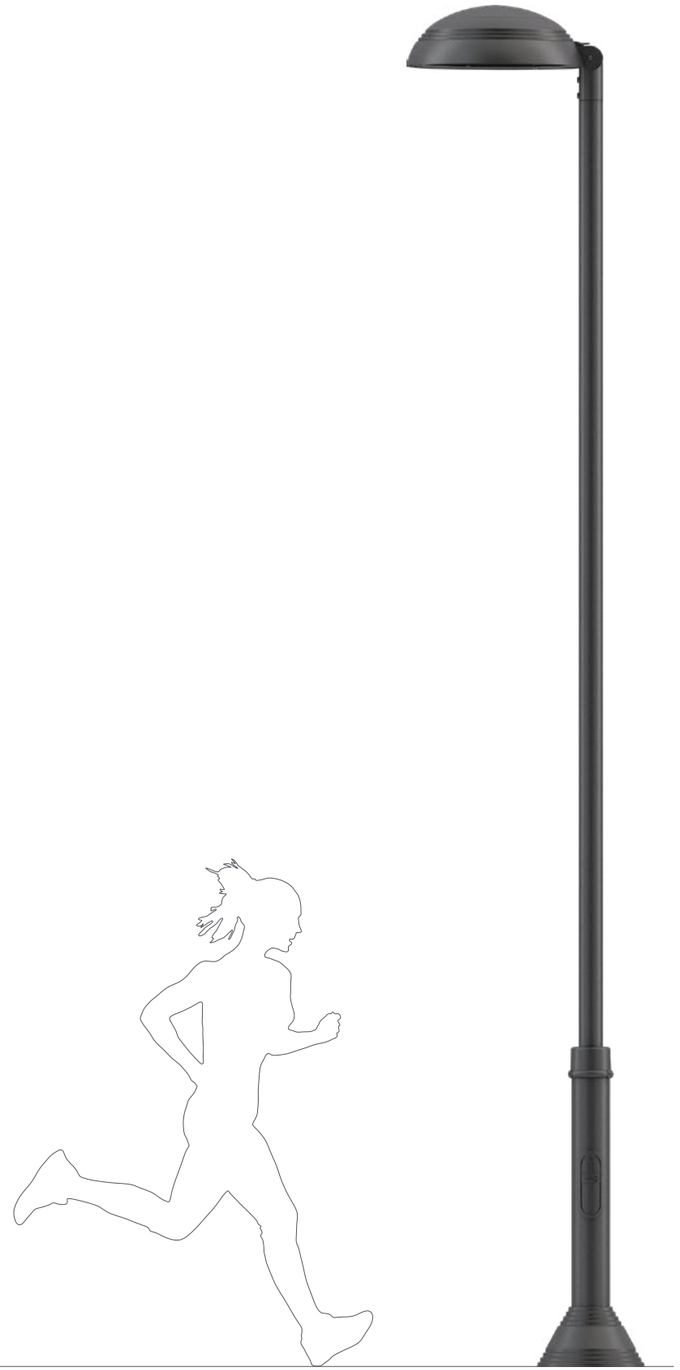
Luminaire height	4.0 m
Total height	4.2 m

Luminaire	
Evolución P	Page 220
Column	
Atlas	Page 446

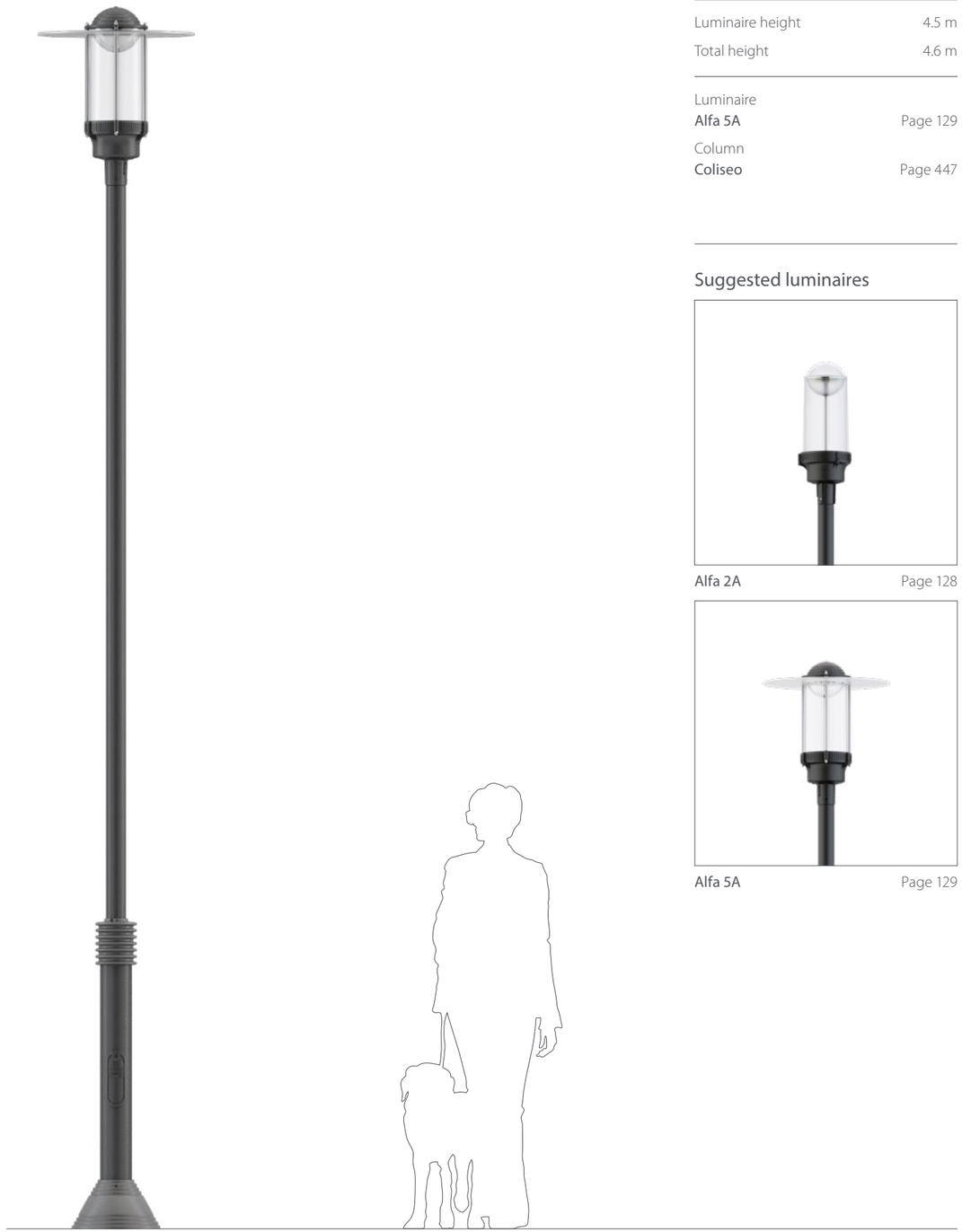
Suggested luminaires

Croma P Page 204

Evolución LC Page 220



Assembly 4.11



Specifications

Luminaire height	4.5 m
Total height	4.6 m

Luminaire
Alfa 5A Page 129

Column
Coliseo Page 447

Suggested luminaires

Alfa 2A Page 128

Alfa 5A Page 129

Assembly 4.12

Specifications

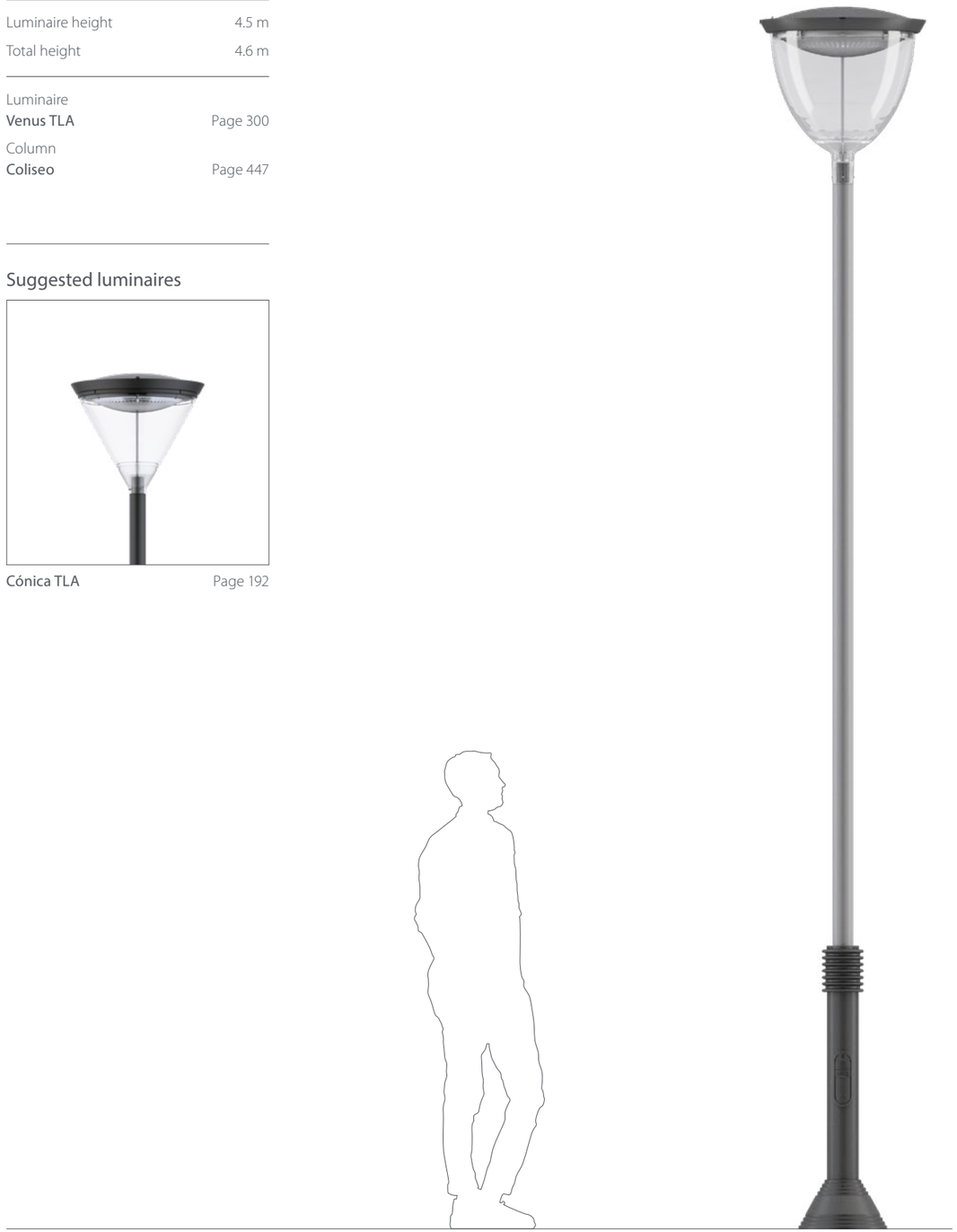
Luminaire height	4.5 m
Total height	4.6 m

Luminaire
Venus TLA Page 300

Column
Coliseo Page 447

Suggested luminaires

Cónica TLA Page 192



Assembly 4.13

Specifications

Luminaire height	4.4 m
Total height	4.5 m

Luminaire **Cónica TLA**	Page 192
Column **Atlas**	Page 446

Suggested luminaires

Venus 2TLA Page 300

Assembly 4.14

Specifications

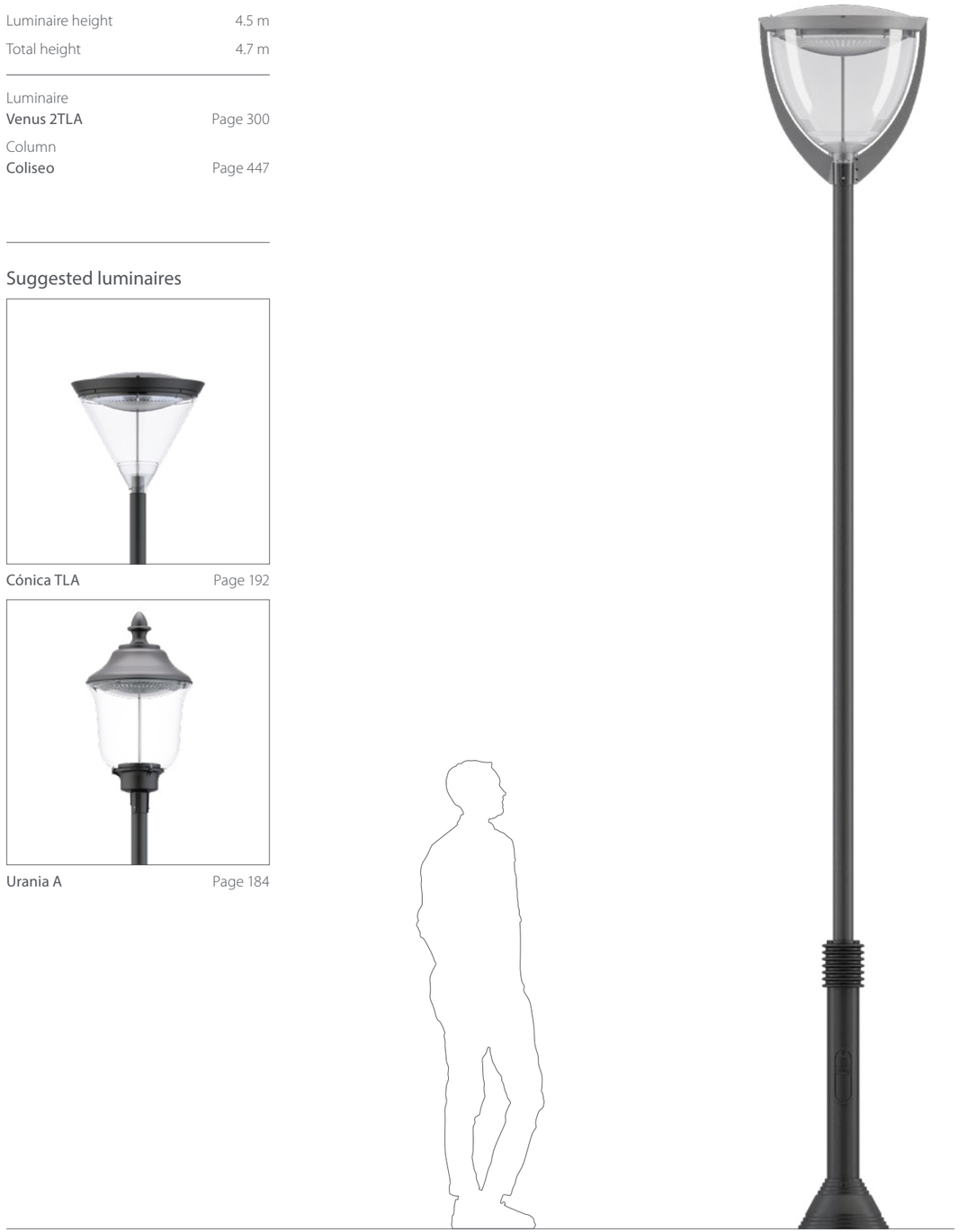
Luminaire height	4.5 m
Total height	4.7 m

Luminaire **Venus 2TLA**	Page 300
Column **Coliseo**	Page 447

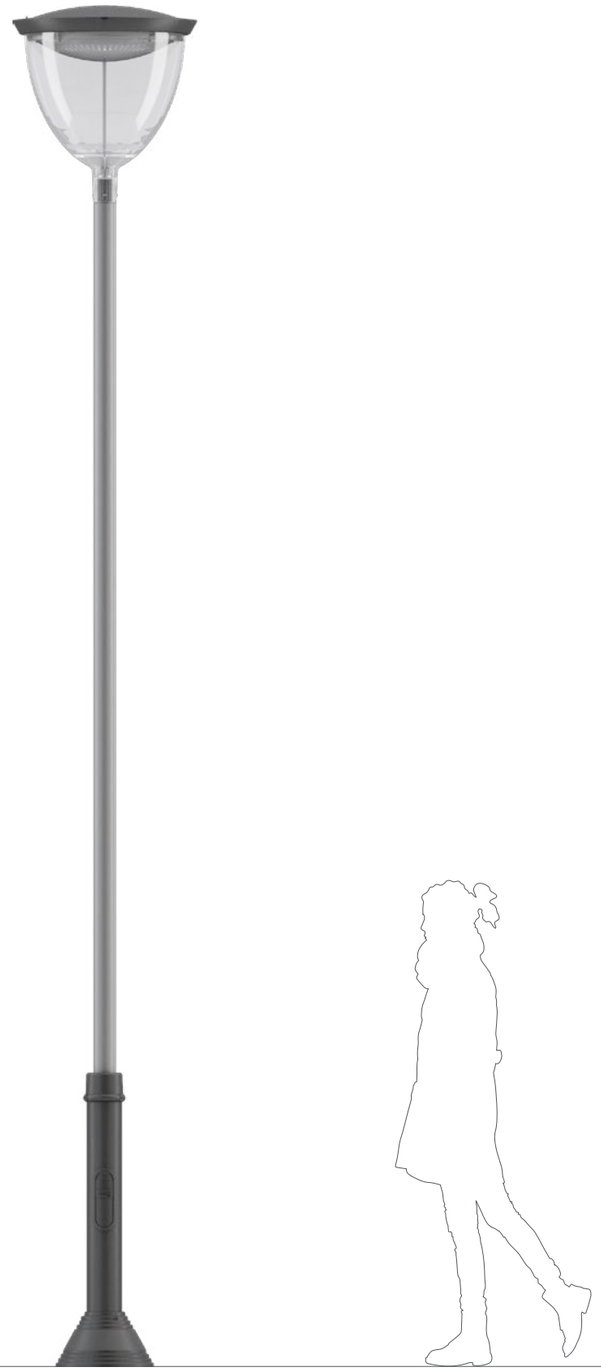
Suggested luminaires

Cónica TLA Page 192

Urania A Page 184



Assembly 4.15



Specifications

Luminaire height	4.6 m
Total height	4.7 m

Luminaire	
Venus TLA	Page 300
Column	
Atlas	Page 446

Suggested luminaires

Venus 2TLA Page 300

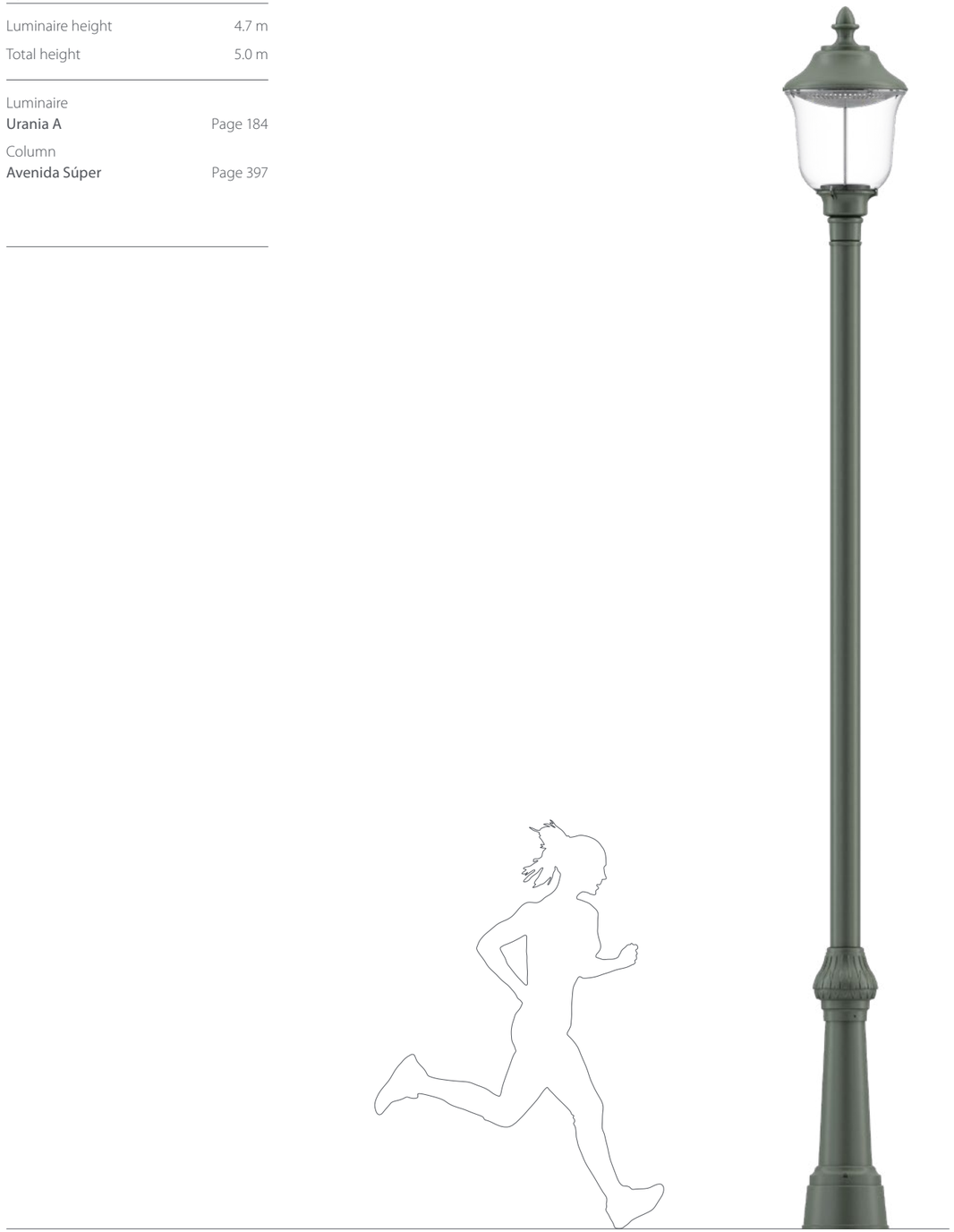
Cónica TLA Page 192

Assembly 4.16

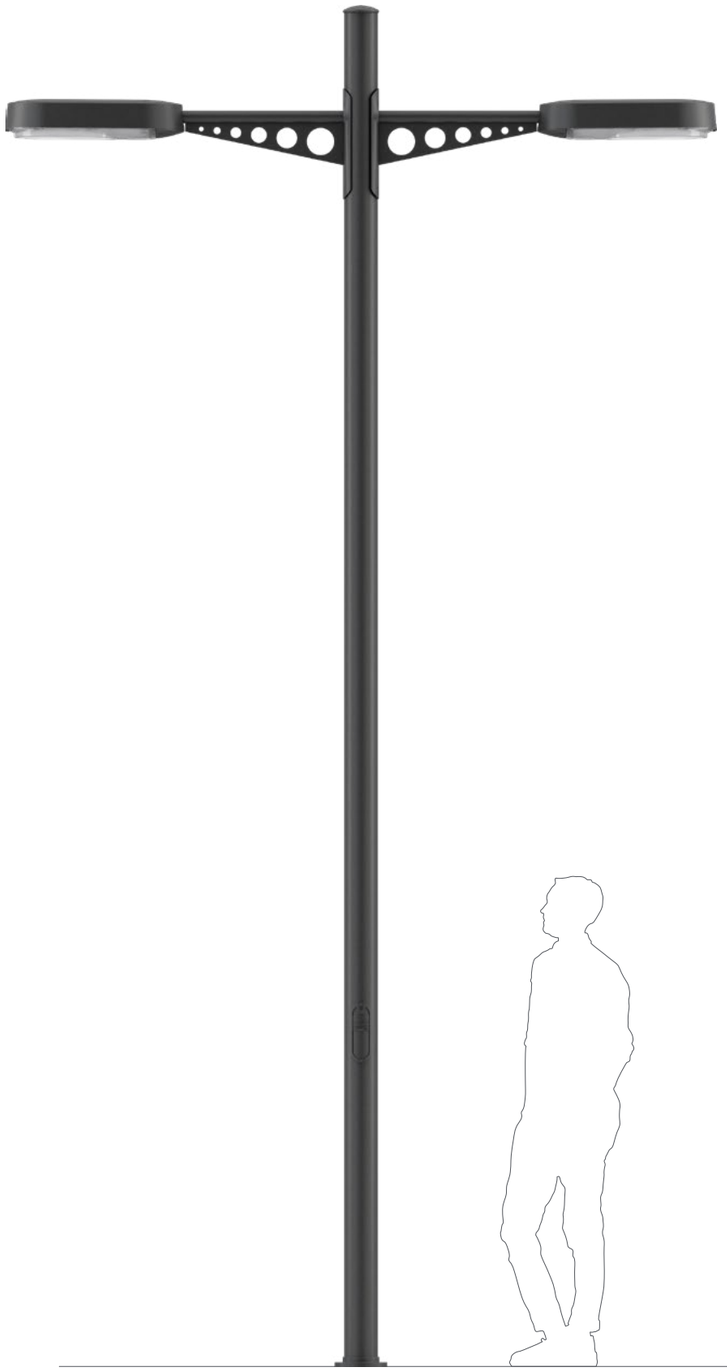
Specifications

Luminaire height	4.7 m
Total height	5.0 m

Luminaire	
Urania A	Page 184
Column	
Avenida Súper	Page 397



Assembly 4.17



Specifications

Luminaire height	4.7 m
Total height	5.0 m

Luminaire	
Enur P	Page 212
Arm	
FA-60	Page 351
Column	
Olimpo	Page 451

Suggested luminaires

Croma P Page 204

Cónica OLH Page 193

Orión Page 278

Assembly 4.18

Specifications

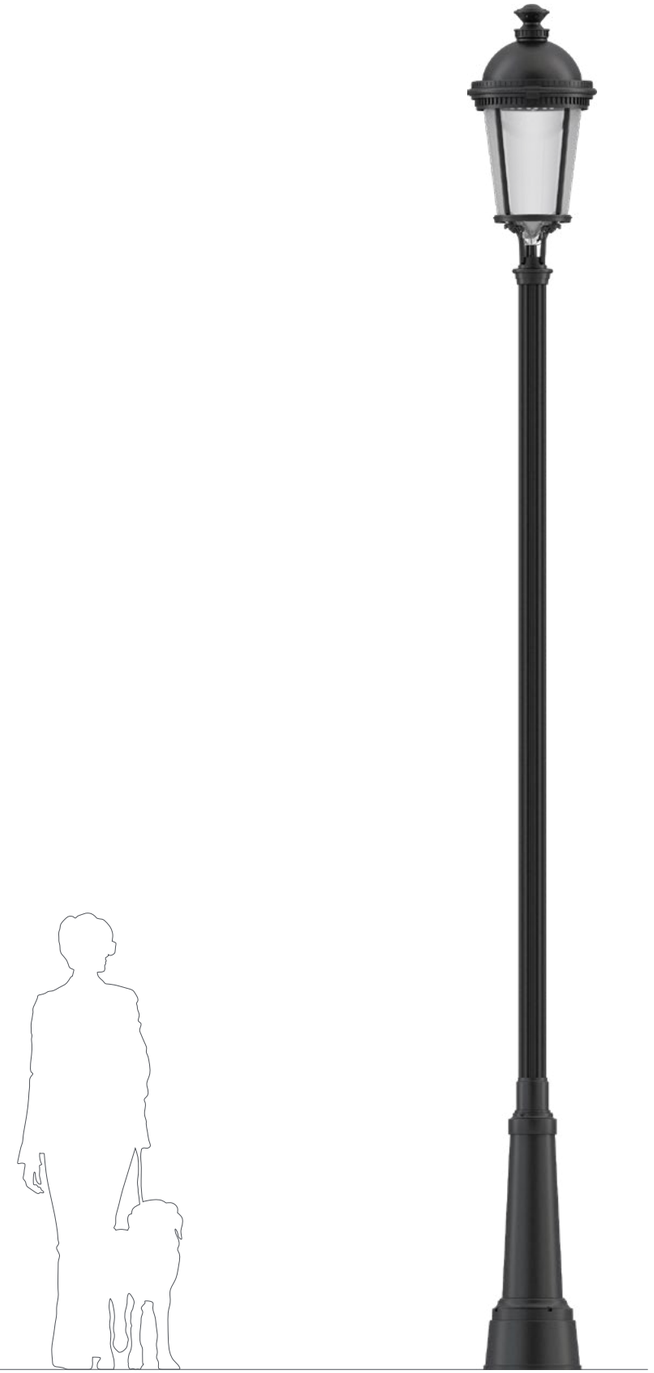
Luminaire height	4.7 m
Total height	5.0 m

Luminaire	
Plaza XLA	Page 143
Column	
Nova E	Page 400

Suggested luminaires

Malaki XLA Page 142

Siglo XLA Page 145



Assembly 4.19

Specifications

Luminaire height	4.7 m
Total height	6.8 m

Luminaire **Pescador S**	Page 240
Arm **BG-125**	Page 361
Column **Avenida**	Page 396

Suggested luminaires

Alameda S Page 236

Paseo S Page 239

Pescador S Page 240

Assembly 4.20

Specifications

Luminaire height	4.8 m
Total height	5.0 m

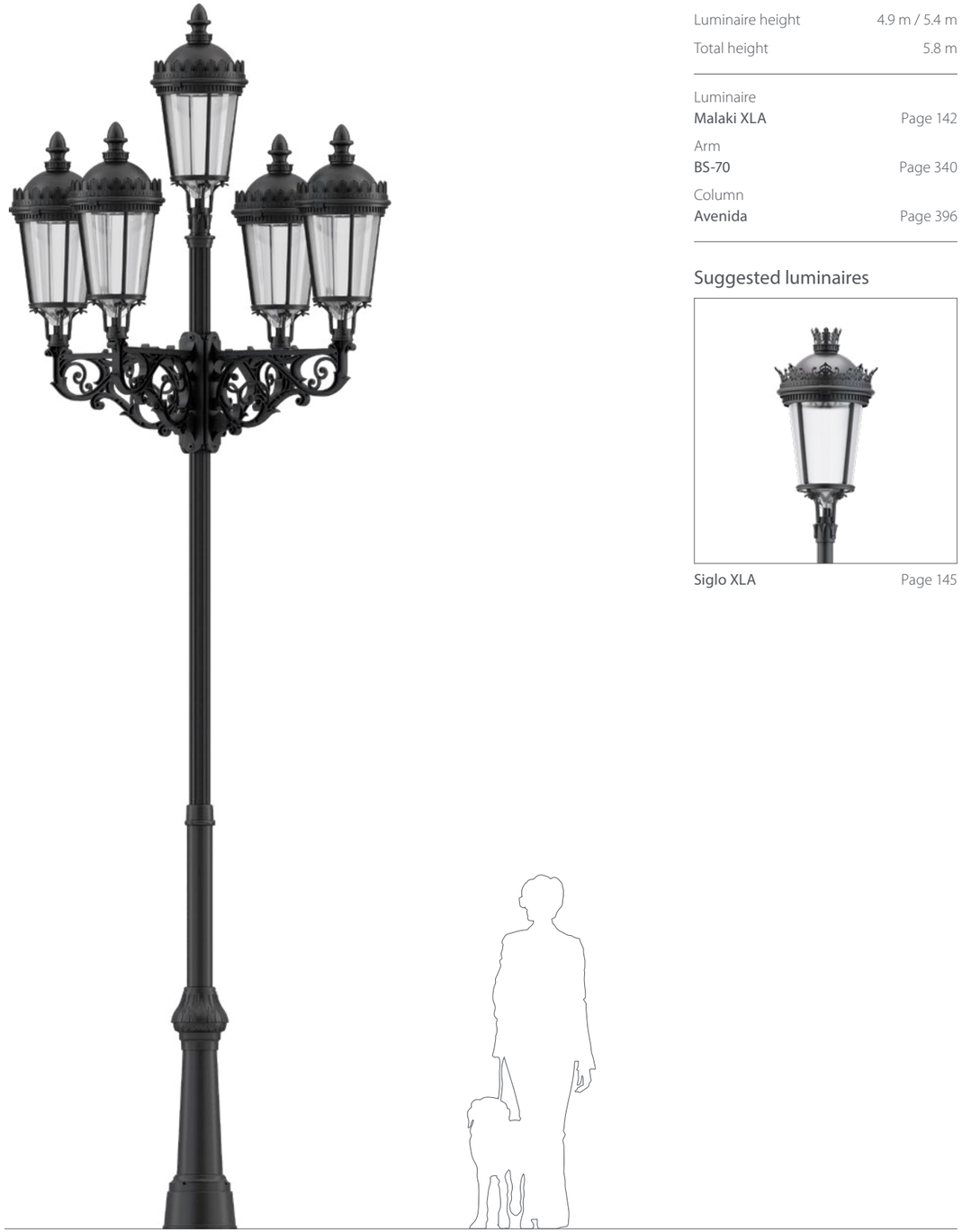
Luminaire **Metrópoli LBP**	Page 314
Arm **MT-10**	Page 355
Column **Olimpo**	Page 451

Suggested luminaires

Metrópoli LBLC Color Page 329

Metrópoli EBLC Color Page 331

Assembly 4.21



Specifications

Luminaire height	4.9 m / 5.4 m
Total height	5.8 m

Luminaire **Malaki XLA**	Page 142
Arm **BS-70**	Page 340
Column **Avenida**	Page 396

Suggested luminaires

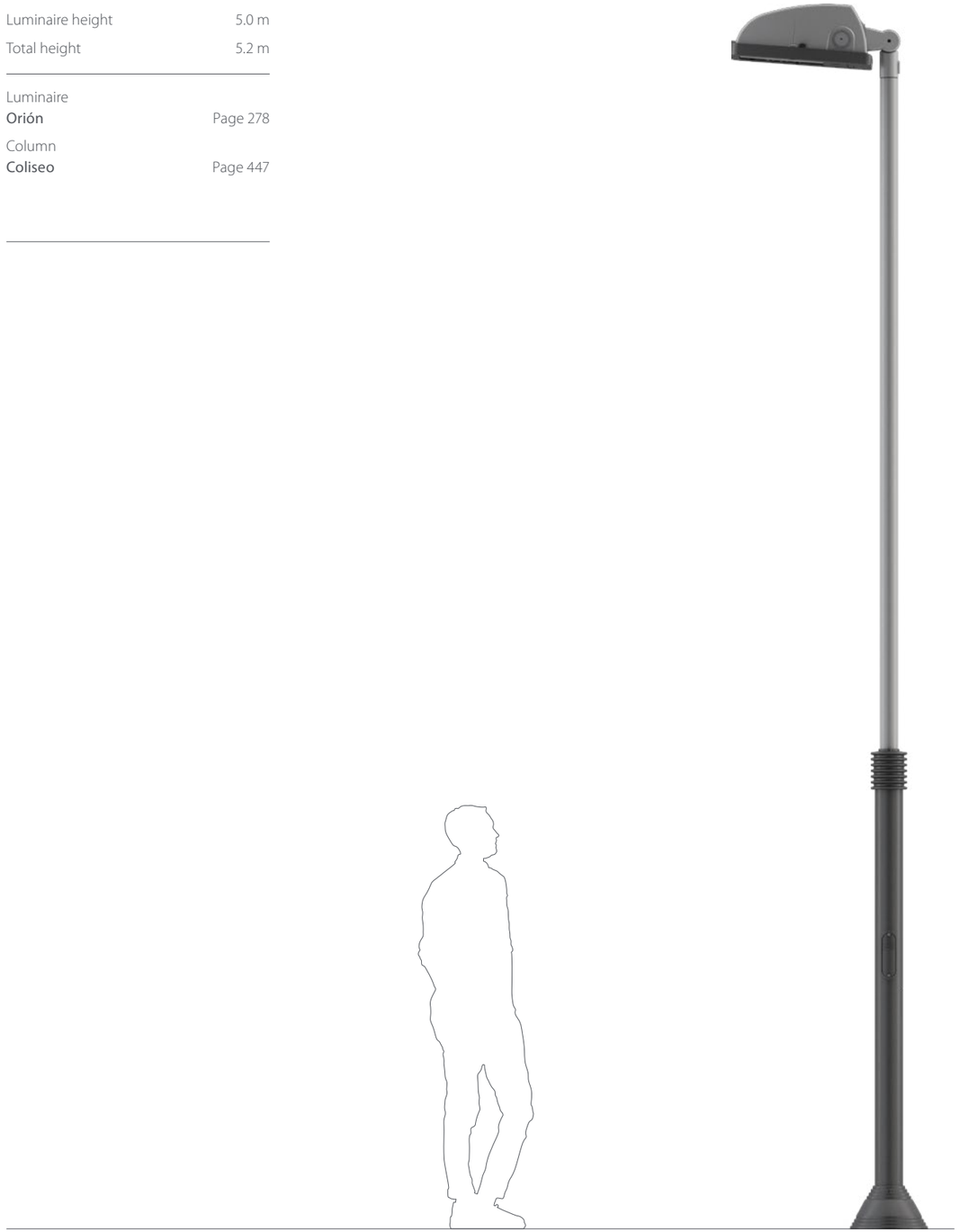
Siglo XLA Page 145

Assembly 4.22

Specifications

Luminaire height	5.0 m
Total height	5.2 m

Luminaire **Orión**	Page 278
Column **Coliseo**	Page 447



Assembly 4.23

Specifications

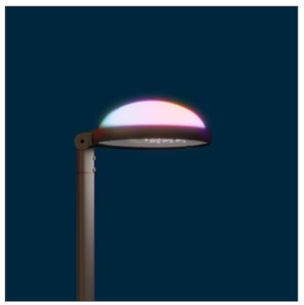
Luminaire height	5.0 m
Total height	5.2 m

Luminaire	
Croma P	Page 204
Column	
Matrix I	Page 450

Suggested luminaires

Evolución P Page 220

Evolución LC Page 220



Metrópoli LP Color Page 328

Assembly 4.24

Specifications

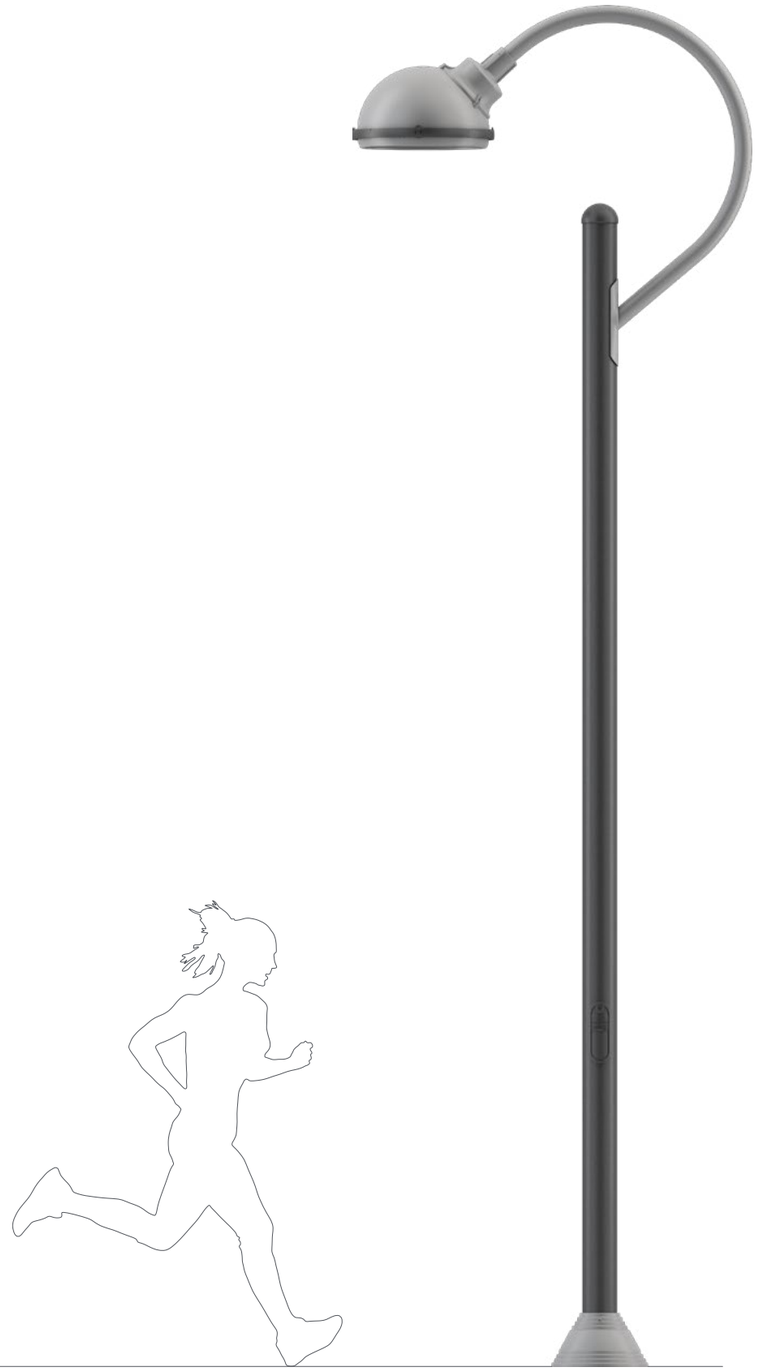
Luminaire height	4.4 m
Total height	4.9 m

Luminaire	
Globo I	Page 243
Arm	
BCI-40	Page 389
Column	
Olimpo	Page 451

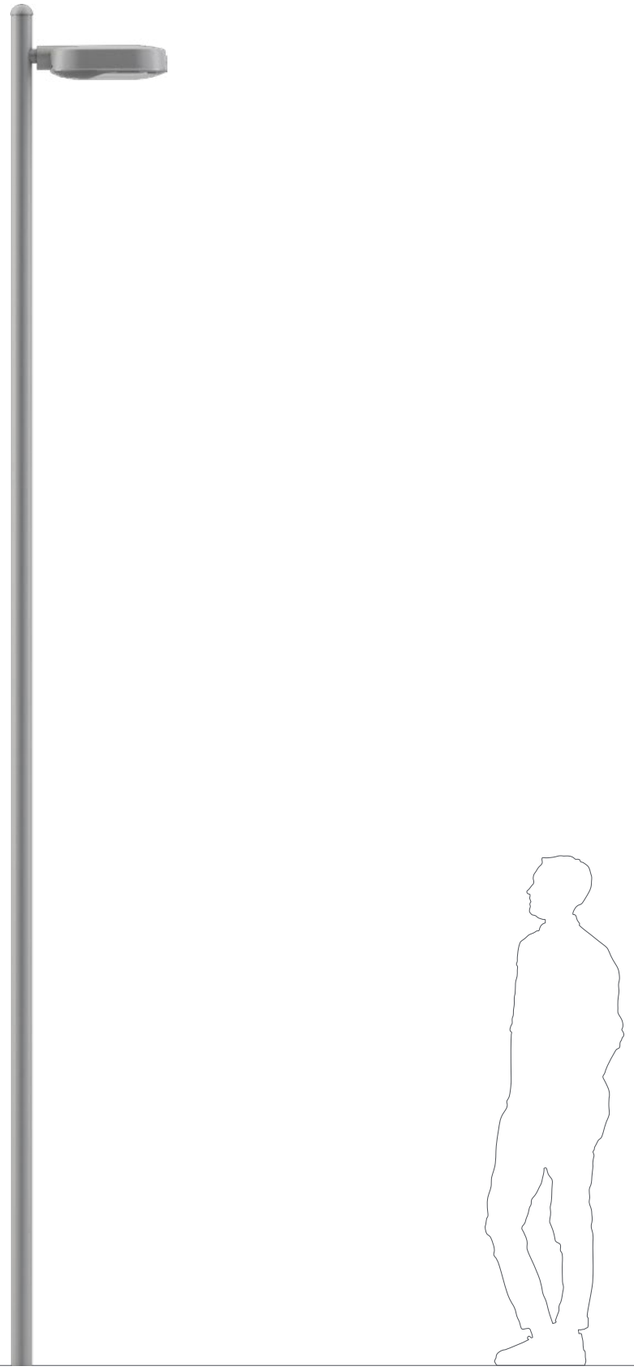
Suggested luminaires

Alameda I Page 241

Astral BLCI Page 242



Assembly 4.25



Specifications

Luminaire height	4.6 m
Total height	4.8 m
Luminaire	
Enur Micro	Page 213
Arm	
MT-10	Page 355
Column	
Simple	Page 452

* Column without access panel

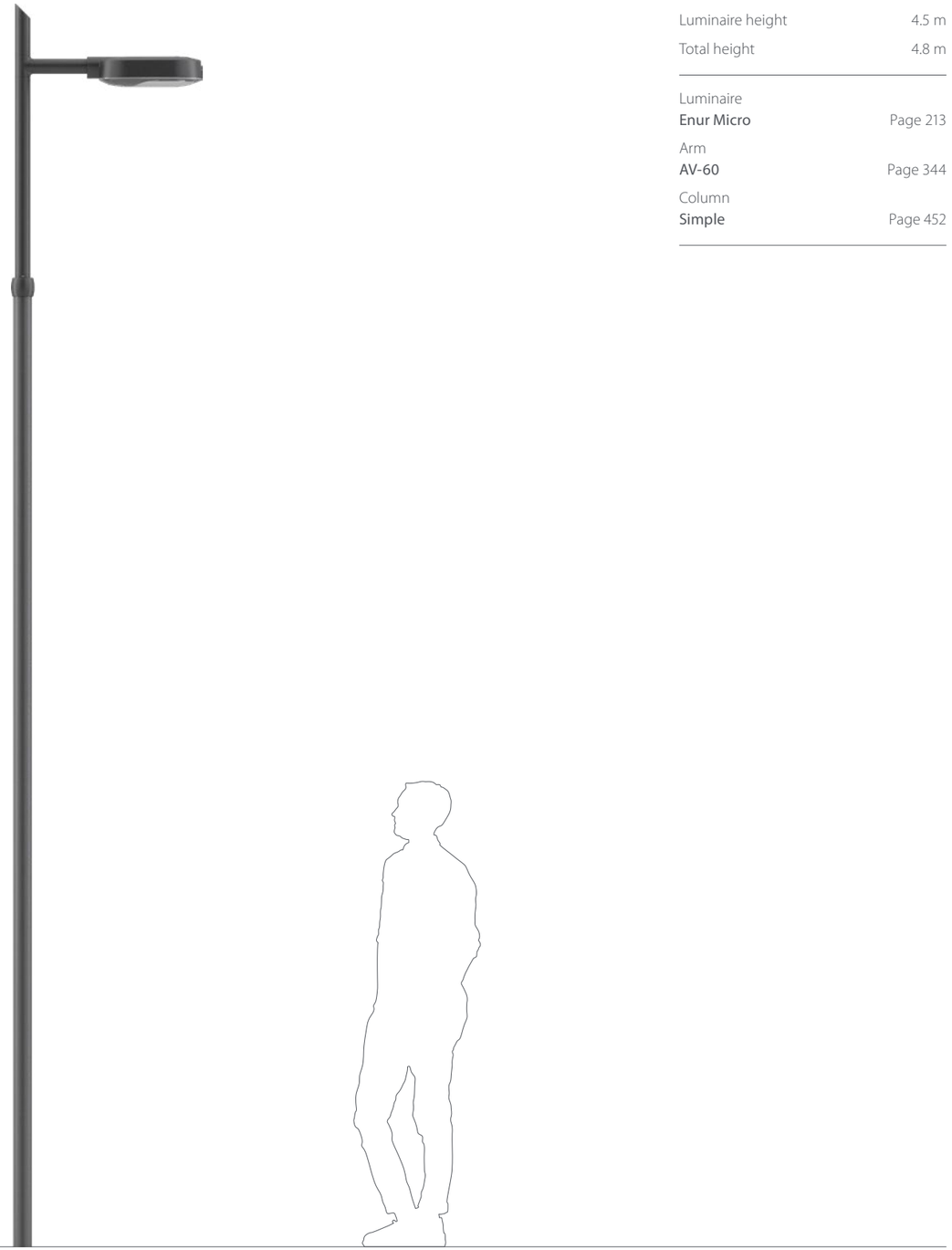
Assembly 4.26

Specifications

Luminaire height	4.7 m
Total height	4.8 m
Luminaire	
Enur Micro	Page 213
Arm	
FV-40 (5º)	Page 334
Column	
Simple	Page 452

* Column without access panel

Assembly 4.27



Specifications

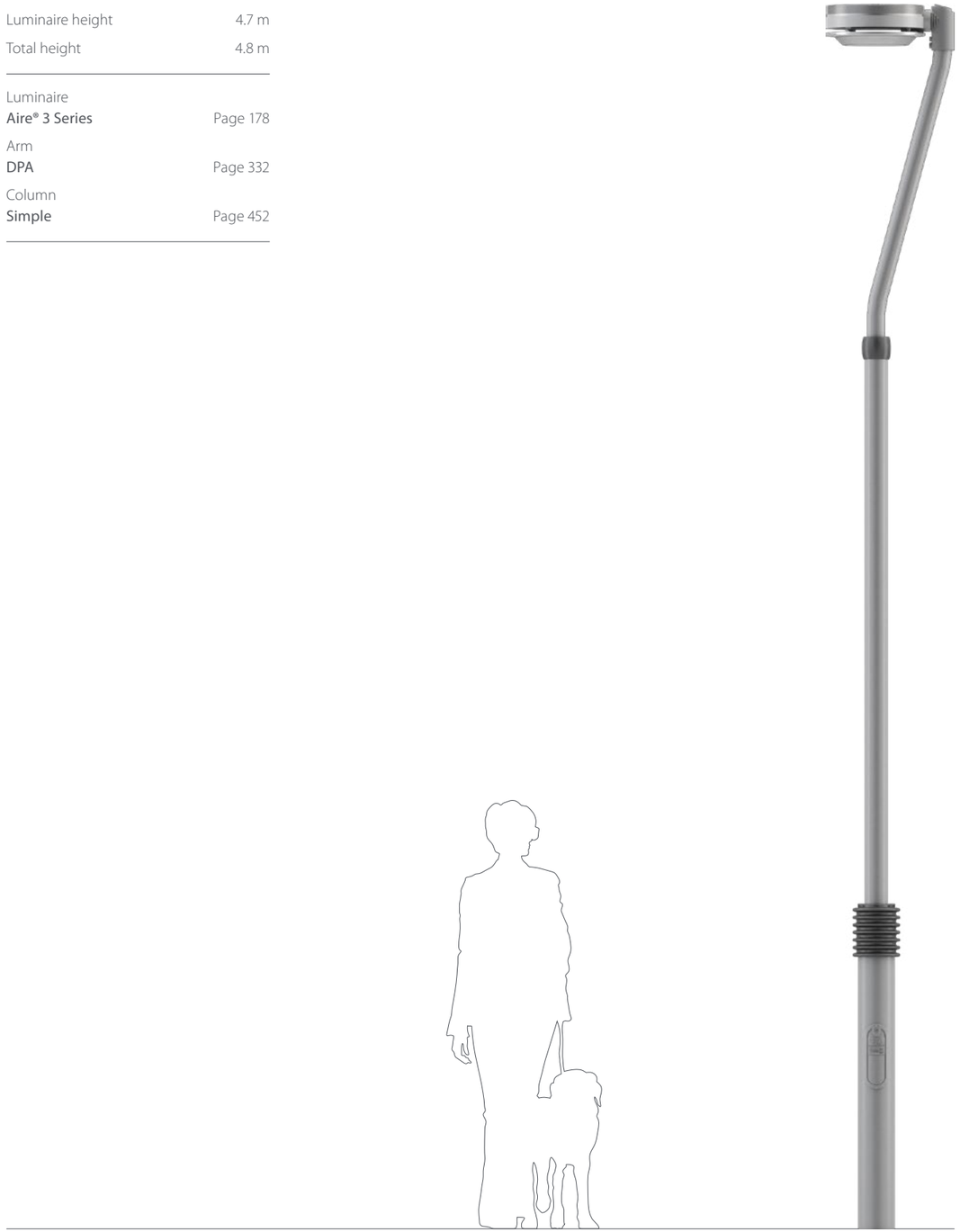
Luminaire height	4.5 m
Total height	4.8 m
Luminaire	
Enur Micro	Page 213
Arm	
AV-60	Page 344
Column	
Simple	Page 452

* Column without access panel

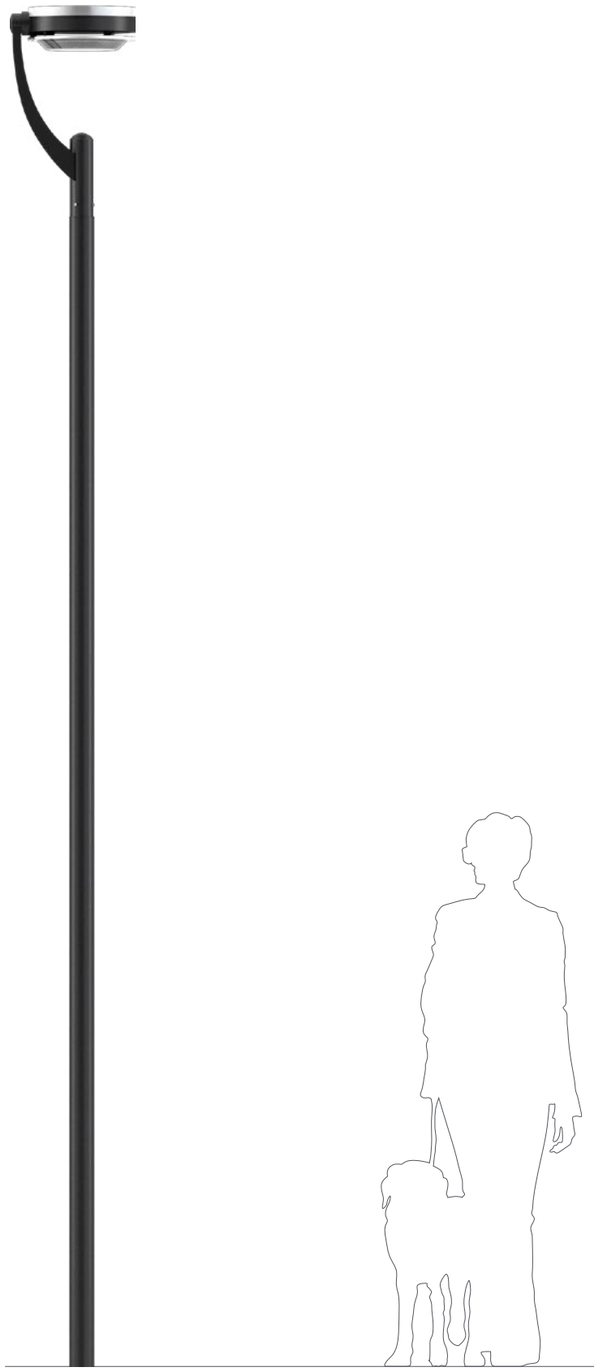
Assembly 4.28

Specifications

Luminaire height	4.7 m
Total height	4.8 m
Luminaire	
Aire® 3 Series	Page 178
Arm	
DPA	Page 332
Column	
Simple	Page 452



Assembly 4.29



Specifications

Luminaire height	4.0 m
Total height	4.1 m
Luminaire **Aire® 3 Series**	Page 178
Arm **A-1**	Page 324
Column **Simple**	Page 452

* Column without access panel

Assembly 4.29 (pág. 96)

Assembly 10.1 (page 146)

HIGH ASSEMBLIES

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108

Assembly 5.2
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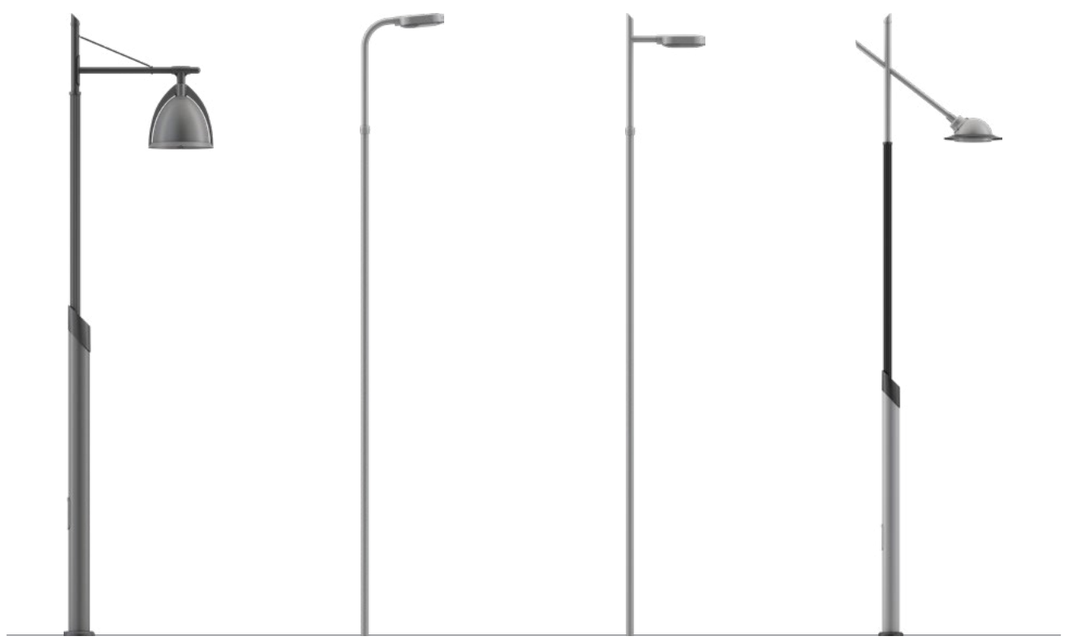
Assembly 5.3
110

Assembly 5.4
111



Assembly 5.5
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Assembly 5.6
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Assembly 5.7
114

Assembly 6.1
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Assembly 6.2
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Assembly 6.3
117

Assembly 6.4
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Assembly 6.5
119

Assembly 6.6
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Assembly 6.7
121

Assembly 7.1
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Assembly 7.2
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Assembly 7.3
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Assembly 7.4
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Assembly 7.5
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Assembly 7.6
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Assembly 7.10
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Assembly 7.11
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Assembly 8.1
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Assembly 8.2
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Assembly 8.3
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Assembly 8.4
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Assembly 8.5
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Assembly 9.1
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Assembly 9.2
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Assembly 9.3
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Assembly 9.4
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Conjunto 9.5
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Assembly 10.1
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Assembly 10.2
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Assembly 10.3
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Assembly 11.1
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Assembly 11.2
150

Assembly 12.1
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Assembly 12.2
152

Assembly 12.3
153

Assembly 12.4
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Assembly 12.5
155

Assembly 12.6
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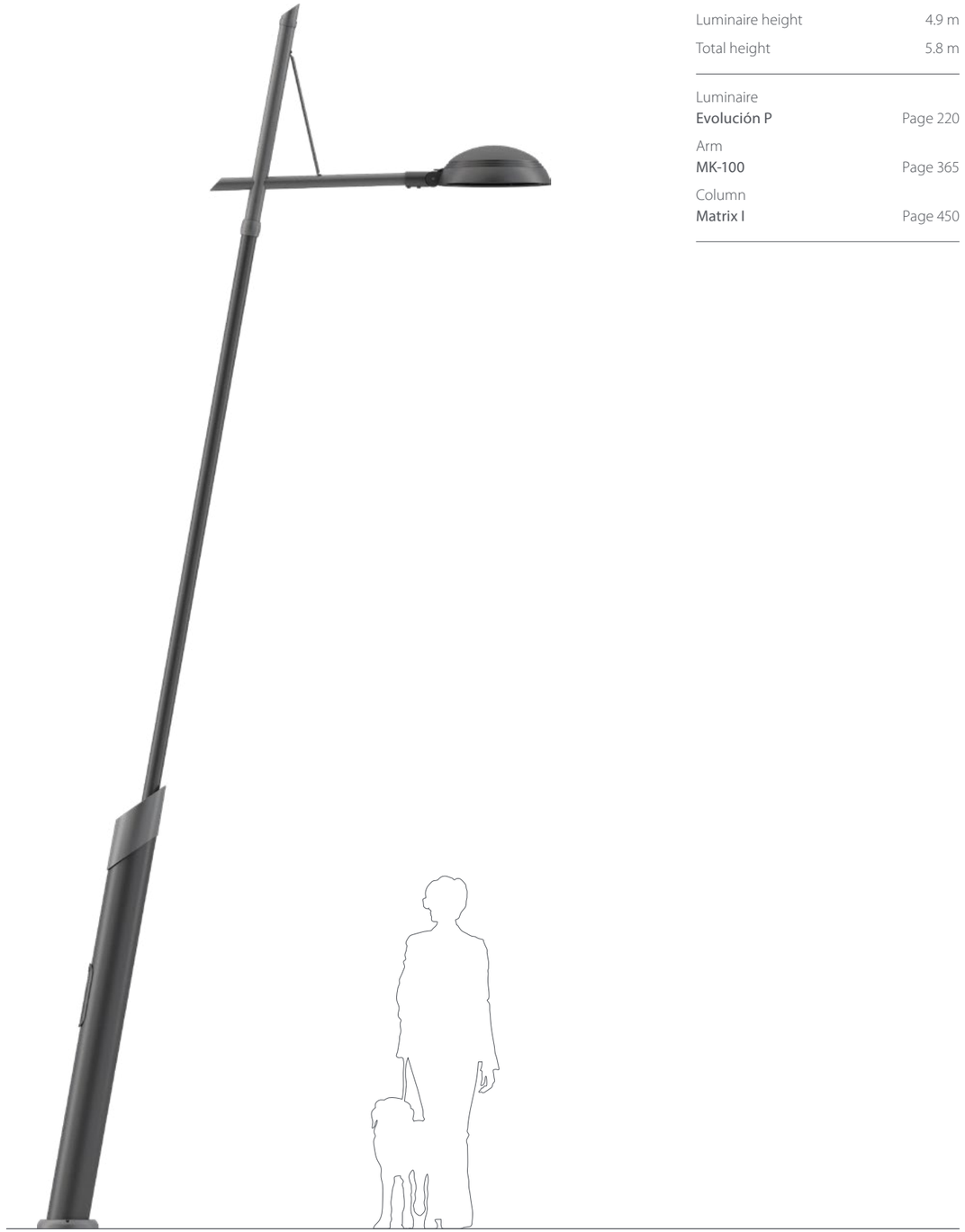
Assembly 7.9 (page 130)

Assembly 5.1



Specifications

Luminaire height	4.9 m
Total height	5.8 m
Luminaire	
Evolución P	Page 220
Arm	
MK-100	Page 365
Column	
Matrix I	Page 450

Assembly 5.2

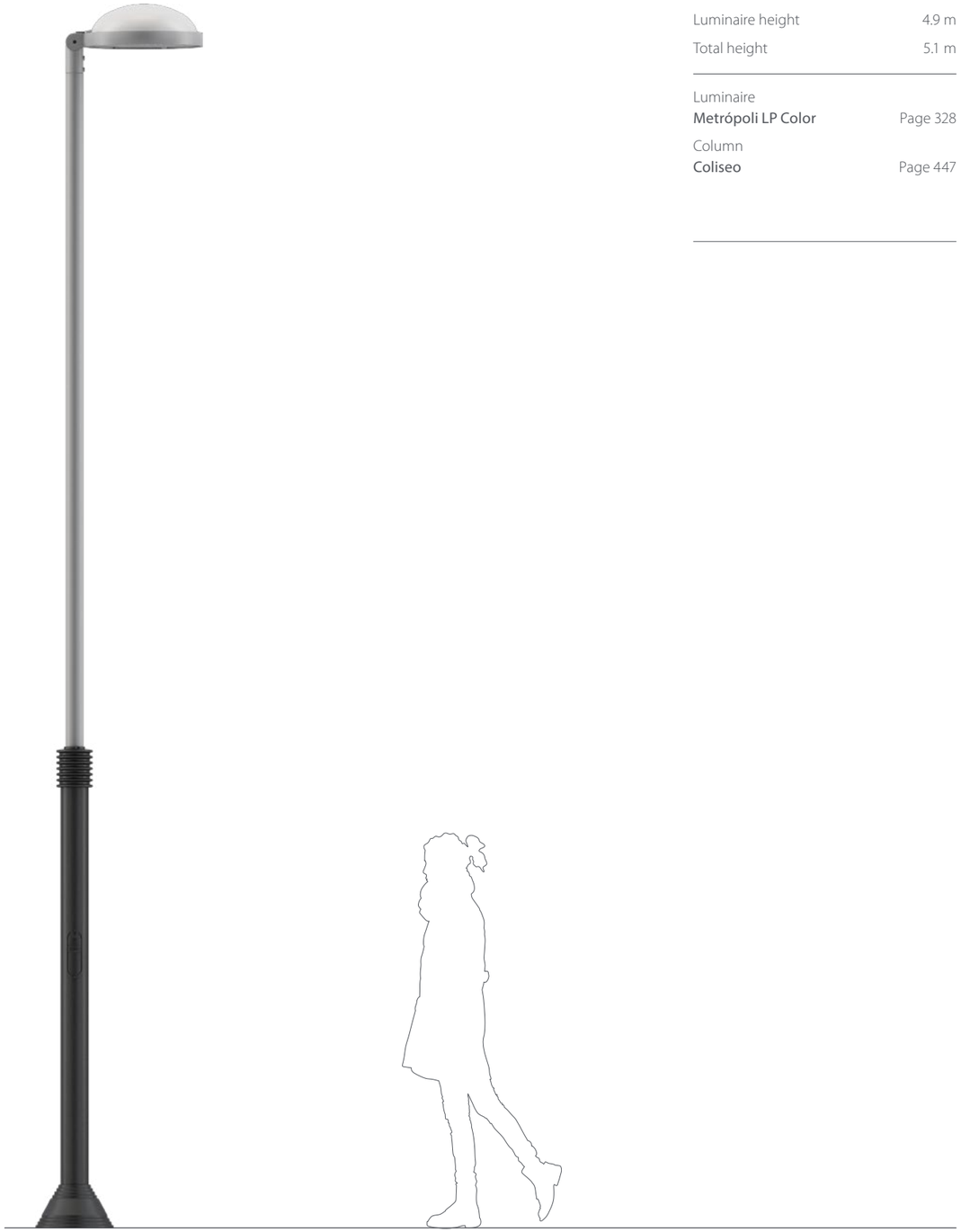
Specifications

Luminaire height	5.2 m
Total height	5.6 m
Luminaire	
Urania A	Page 184
Arm	
DC-100	Page 329
Column	
Avenida	Page 396

Suggested luminaires

Venus TLA Page 300

Assembly 5.3



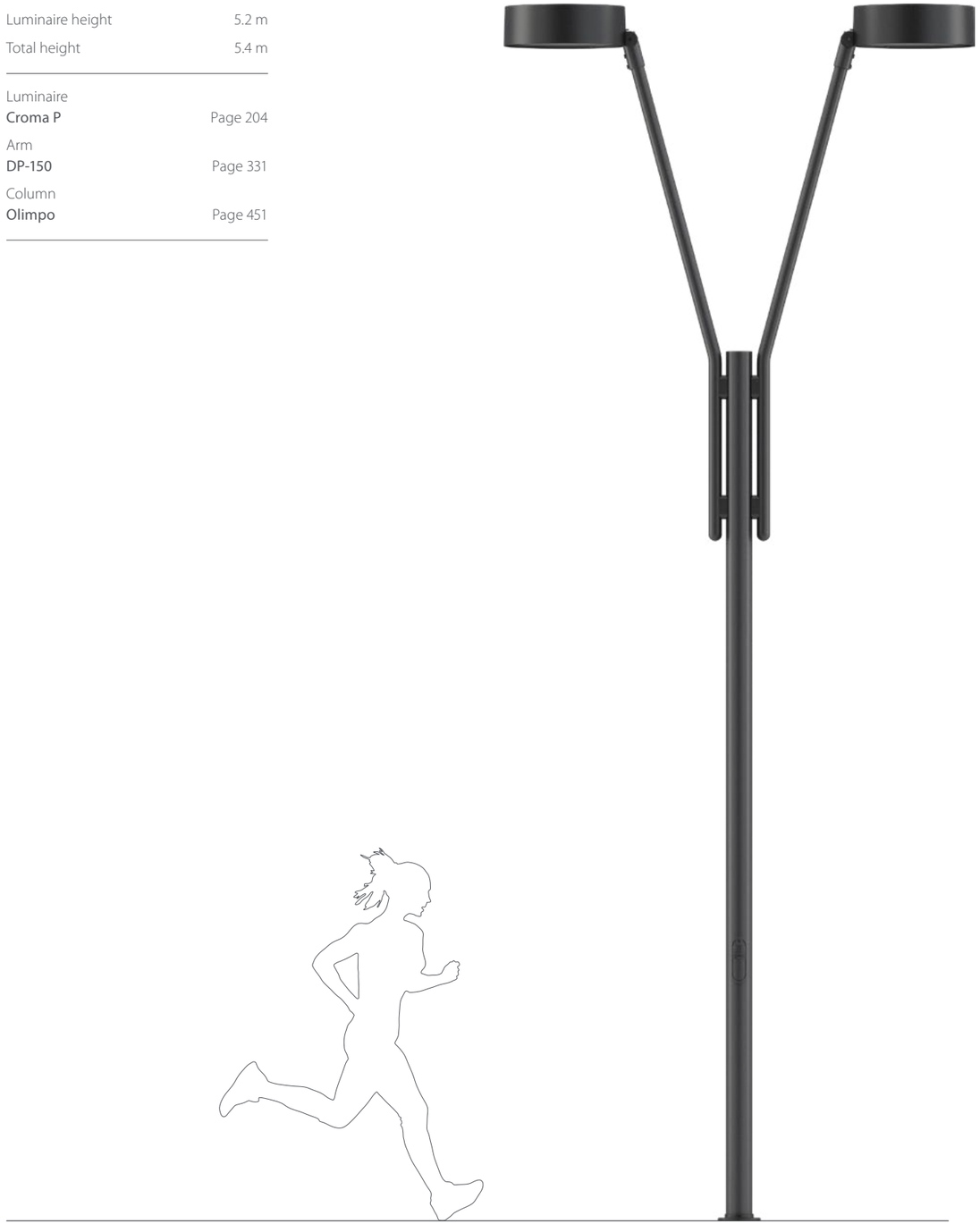
Specifications

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

Assembly 5.4

Specifications

Luminaire height	5.2 m
Total height	5.4 m
Luminaire	
Croma P	Page 204
Arm	
DP-150	Page 331
Column	
Olimpo	Page 451



Assembly 5.5

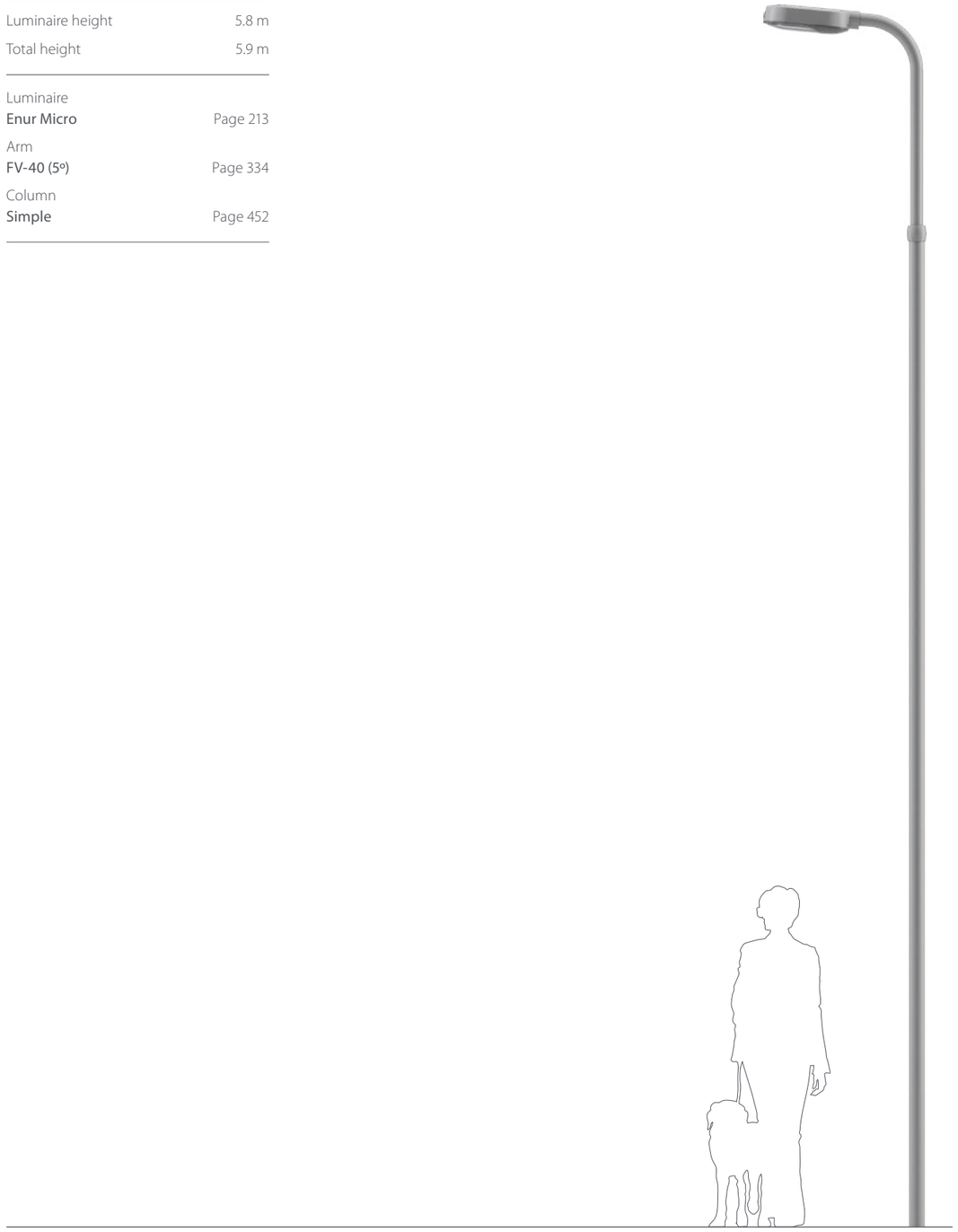
Specifications

Luminaire height	5.7 m
Total height	7.2 m
Luminaire **Venus 2OPS**	Page 303
Arm **MO-115**	Page 366
Column **Matrix E**	Page 449

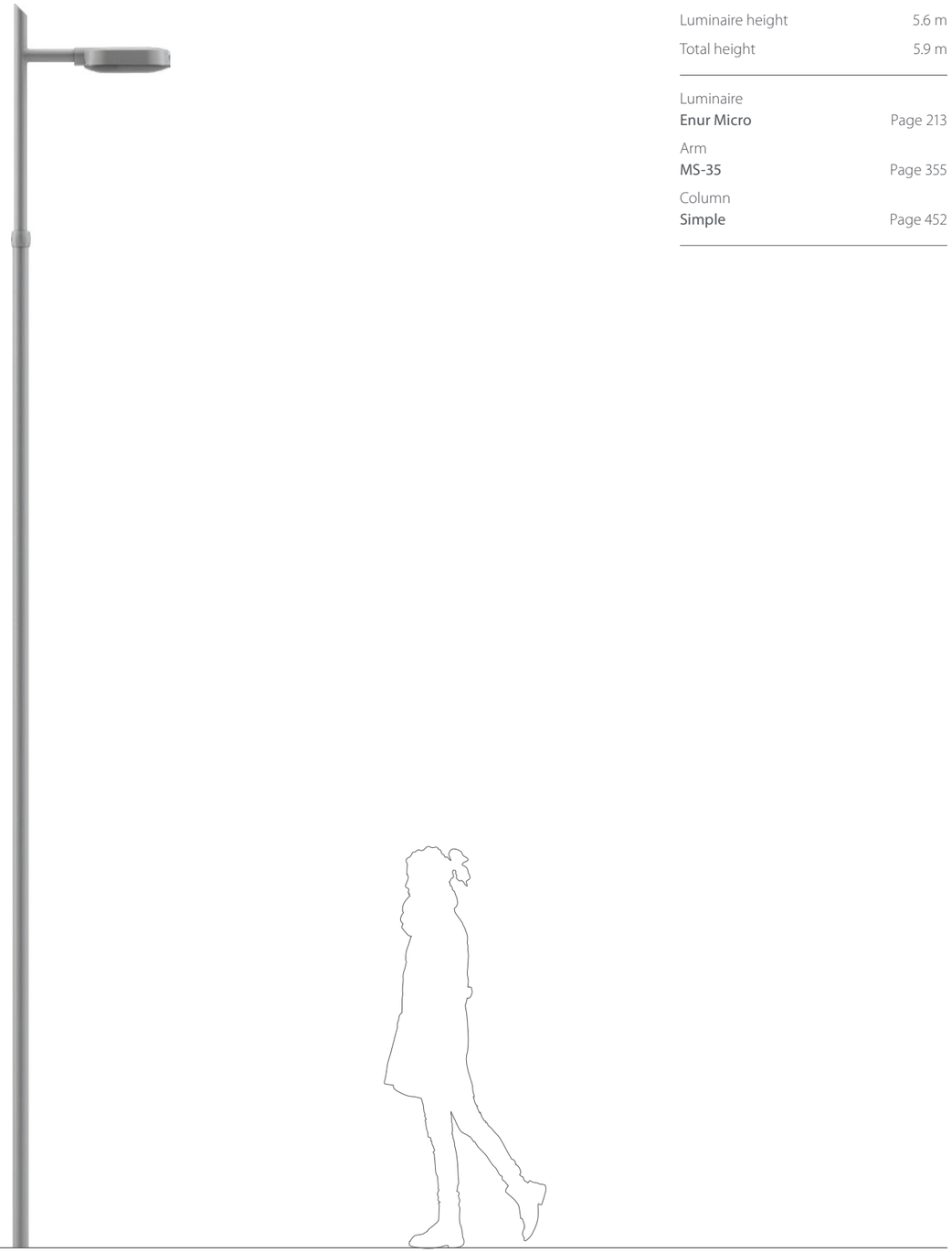
Assembly 5.6

Specifications

Luminaire height	5.8 m
Total height	5.9 m
Luminaire **Enur Micro**	Page 213
Arm **FV-40 (5º)**	Page 334
Column **Simple**	Page 452



Assembly 5.7



Specifications

Luminaire height	5.6 m
Total height	5.9 m
Luminaire **Enur Micro**	Page 213
Arm **MS-35**	Page 355
Column **Simple**	Page 452

Assembly 6.1

Specifications

Luminaire height	5.4 m
Total height	7.0 m
Luminaire **Astral BLCI**	Page 242
Arm **FD-150**	Page 353
Column **Matrix E**	Page 449

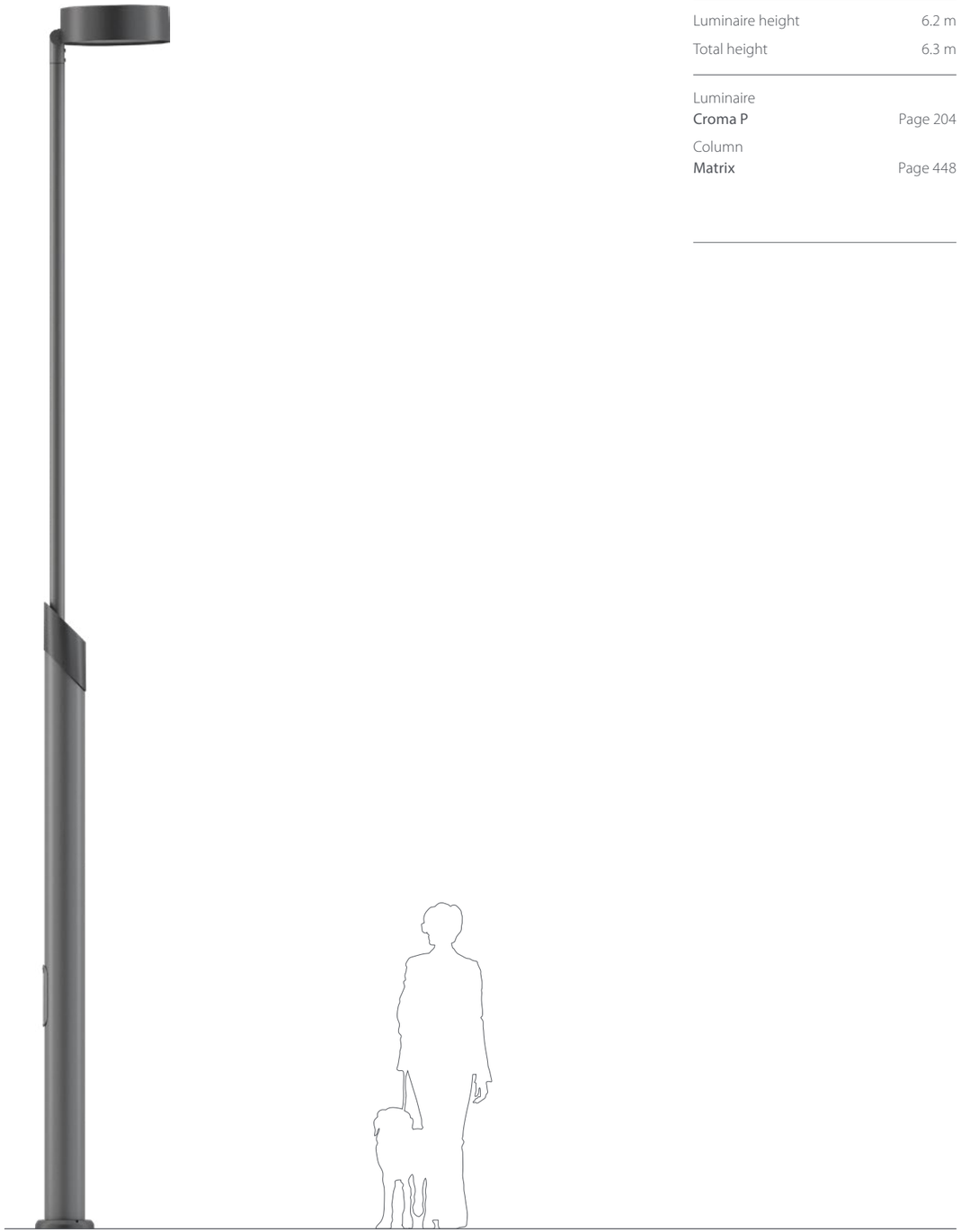
Suggested luminaires

Alameda I Page 241

Globo I Page 243

Globo BLCI Page 244

Assembly 6.2



Specifications

Luminaire height	6.2 m
Total height	6.3 m
Luminaire	
Croma P	Page 204
Column	
Matrix	Page 448

Assembly 6.3

Specifications

Luminaire height	6.3 m
Total height	7.0 m
Luminaire	
Croma P	Page 204
Arm	
BV2-100	Page 409
Column	
Matrix E	Page 449

Suggested luminaires

Metrópoli LBP Page 314

Evolución P Page 220

Enur P Page 212

Assembly 6.4

Specifications

Luminaire height	4.0 / 6.3 m
Total height	7.2 m
Luminaire	
Pescador S	Page 240
Arm	
CD-100	Page 326
Column	
Avenida	Page 396

Assembly 6.5

Specifications

Luminaire height	6.1 m
Total height	6.3 m
Luminaire	
Enur L	Page 212
Arm	
DM-100	Page 330
Column	
Atlas	Page 446

Assembly 6.6

Specifications

Luminaire height	3.8 / 6.6 m
Total height	8.8 m
Luminaire	
Alfa 1S	Page 130
Arm	
BV2-100	Page 409
Column	
Atlas	Page 446

Cónica TLS Page 193

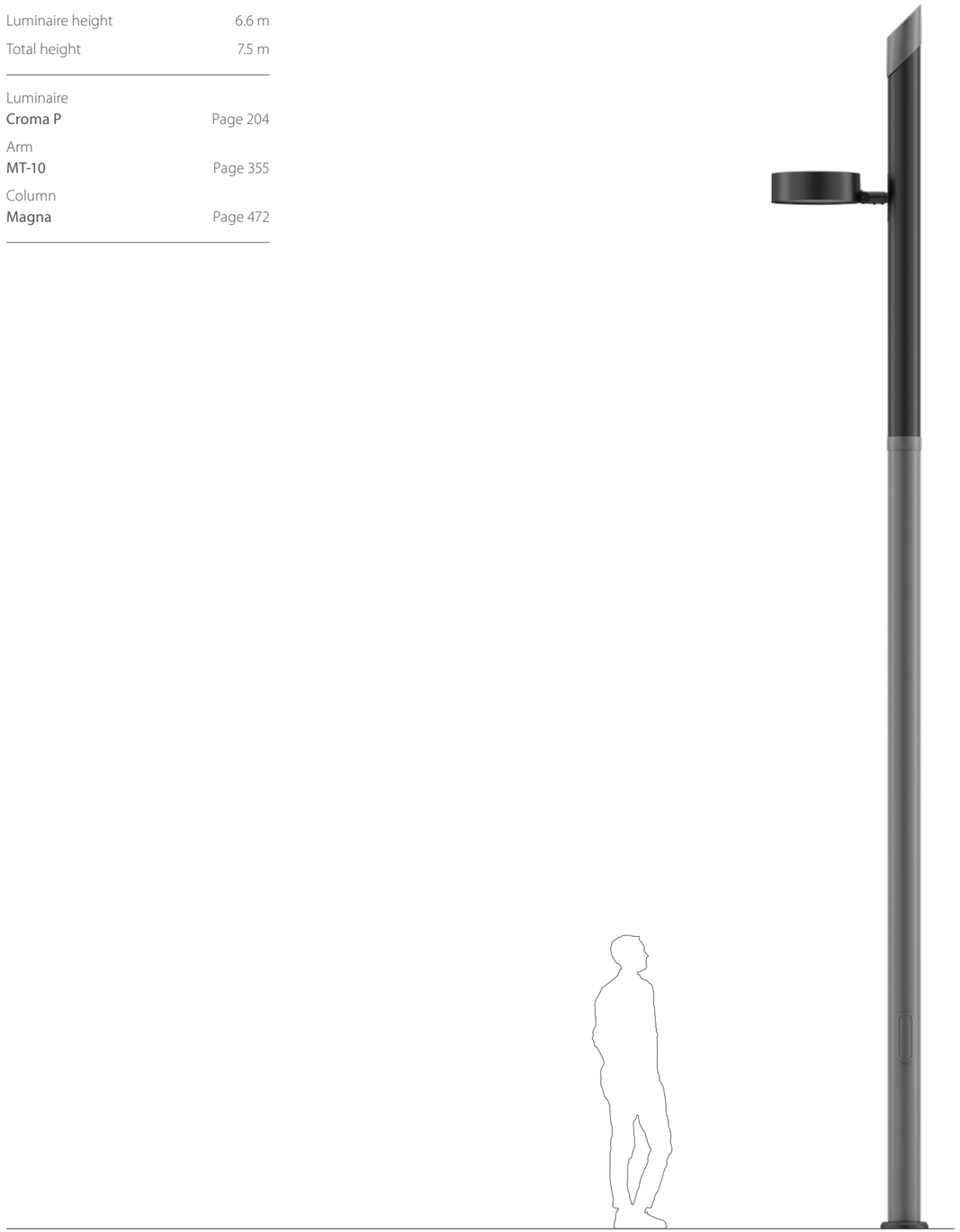
Pescador S Page 240

Venus OPS Page 301

Assembly 6.7

Specifications

Luminaire height	6.6 m
Total height	7.5 m
Luminaire	
Croma P	Page 204
Arm	
MT-10	Page 355
Column	
Magna	Page 472



Assembly 7.1

Specifications

Luminaire height	3.7 / 7.0 m
Total height	7.9 m
Luminaire **Metrópoli LBP**	Page 314
Arm **MD-70**	Page 354
Column **Atlas**	Page 446

Suggested luminaires

Metrópoli LP Page 314

Evolución P Page 220

Enur P Page 212

Assembly 7.2

Specifications

Luminaire height	7.1 m
Total height	7.9 m
Luminaire **Evolución P**	Page 220
Arm **MD-70**	Page 354
Column **Matrix Duo 2**	Page 474

Suggested luminaires

Croma P Page 204

Assembly 7.3

Specifications

Luminaire height	3.9 / 7.2 m
Total height	7.3 m
Luminaire	
Metrópoli LBP	Page 314
Arm	
MT-10	Page 355
Column	
Atlas	Page 446

Suggested luminaires

Metrópoli LP Page 314

Evolución P Page 220

Enur P Page 212

Assembly 7.4

Specifications

Luminaire height	7.3 m
Total height	8.3 m
Luminaire	
Aire® 7 Series	Page 179
Arm	
BM-150	Page 362
Column	
Atlas	Page 446

Assembly 7.5

Specifications

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

Suggested luminaires

Metrópoli LBP Page 314

Evolución P Page 220

Assembly 7.6

Specifications

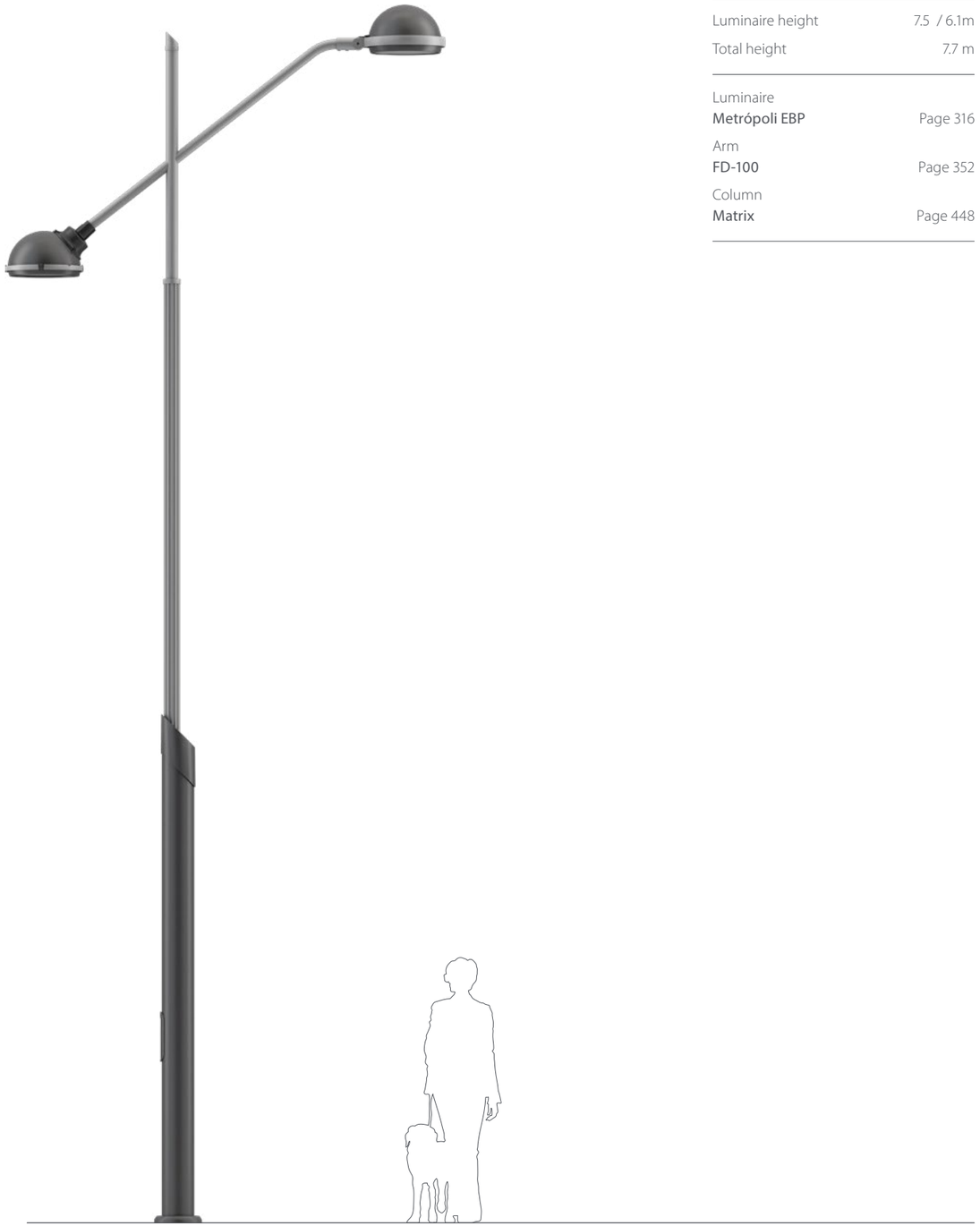
Luminaire height	4.6 / 6.8 m
Total height	7.6 m
Luminaire **Evolución P**	Page 220
Arm **MD-50**	Page 354
Column **Matrix Duo 1**	Page 473

Suggested luminaires

Metrópoli LBP Page 314

Croma P Page 204

Assembly 7.7



Specifications

Luminaire height	7.5 / 6.1m
Total height	7.7 m
Luminaire	
Metrópoli EBP	Page 316
Arm	
FD-100	Page 352
Column	
Matrix	Page 448

Assembly 7.8

Specifications

Luminaire height	7.7 m
Total height	8.7 m
Luminaire	
Metrópoli LBP	Page 314
Arm	
BM-150	Page 362
Column	
Atlas	Page 446

Suggested luminaires

Croma P Page 204

Evolución P Page 220

Enur P Page 212

Assembly 7.9

Specifications

Luminaire height	5.7 / 7.7 m
Total height	8.4 m
Luminaire **Evolución 2 P**	Page 221
Arm **MD-50**	Page 354
Column **Matrix Duo 1**	Page 473

Suggested luminaires

Metrópoli LBP Page 314

Metrópoli LBP Color Page 328

Assembly 7.10

Specifications

Luminaire height	7.9 m
Total height	8.1 m
Luminaire **Evolución 2 P**	Page 221
Arm **PT-85**	
Column **Coliseo Super**	Page 471

Suggested luminaires

Metrópoli LP Page 314

Metrópoli LP Color Page 328º q

Assembly 7.11

Specifications

Luminaire height	7.9 m
Total height	8.0 m

Luminaire **Croma P**	Page 204
Arm **DP-150**	Page 331
Column **Matrix Duo 1**	Page 473

Suggested luminaires

Evolución P Page 220

Assembly 8.1

Specifications

Luminaire height	5.1 / 8.1 m
Total height	8.9 m

Luminaire **Pescador S**	Page 240
Arm **FK-110**	Page 333
Column **Atlas Plus**	Page 468

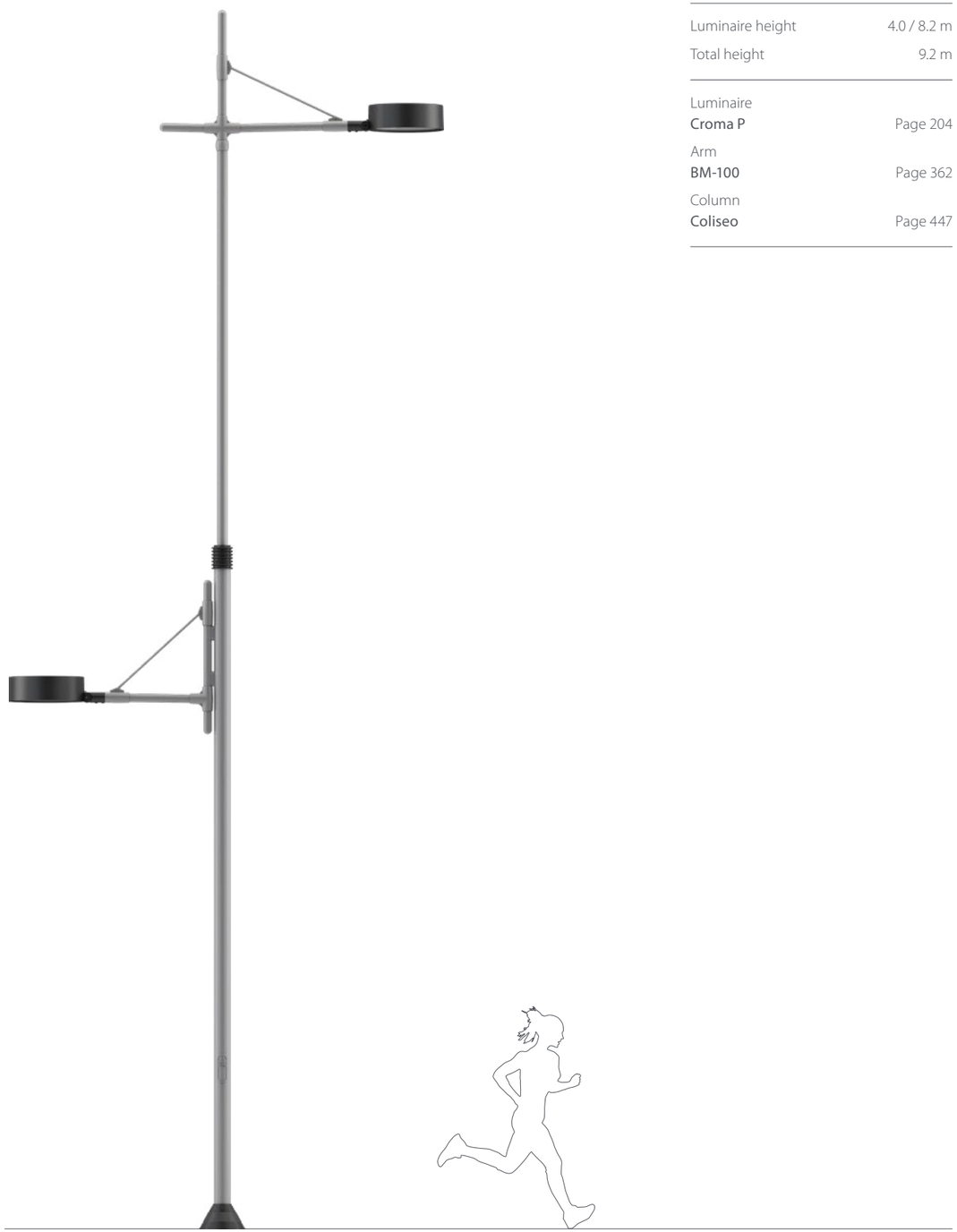
Suggested luminaires

Alameda S Page 236

Paseo S Page 239

Pescador S Page 240

Assembly 8.2



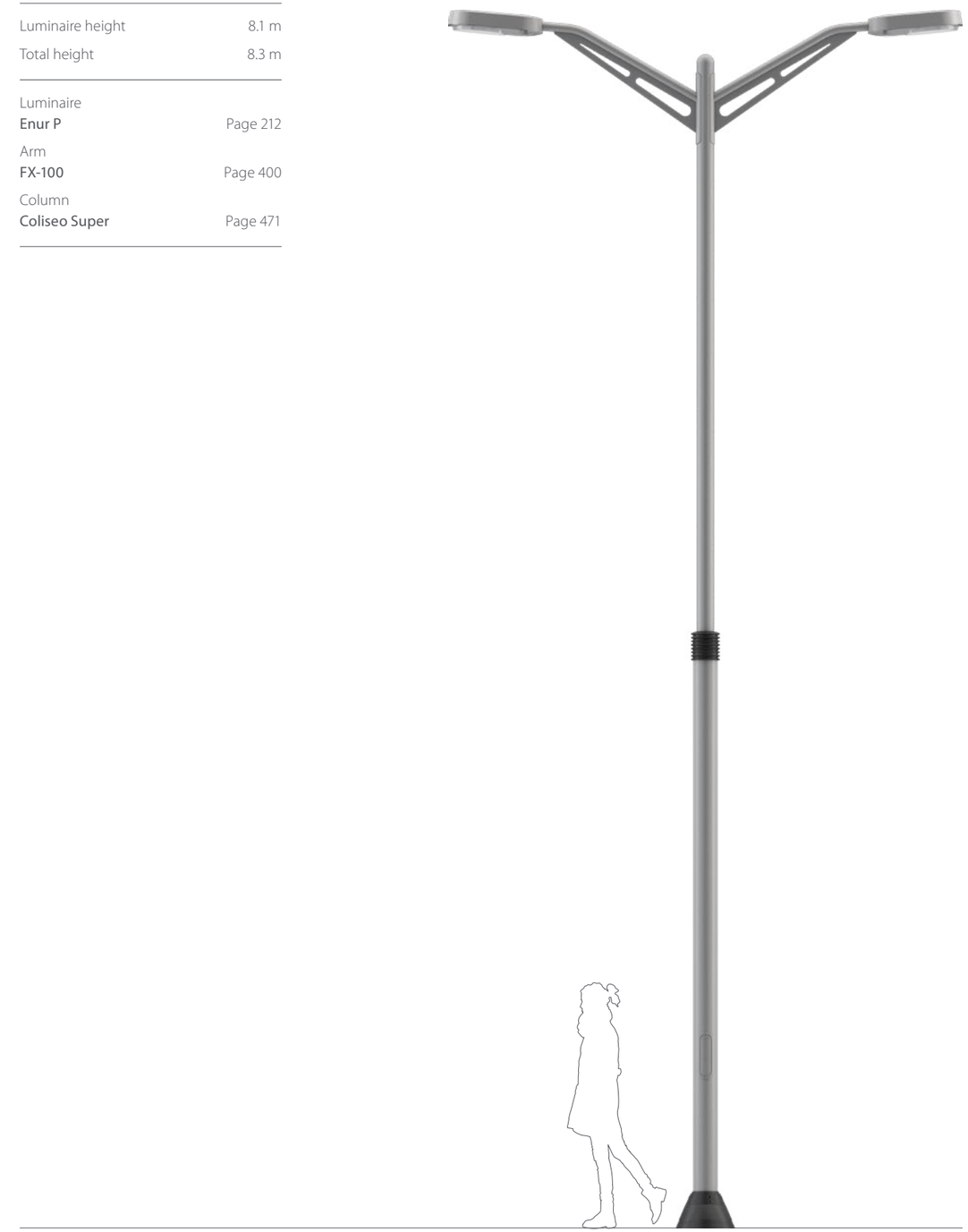
Specifications

Luminaire height	4.0 / 8.2 m
Total height	9.2 m
Luminaire **Croma P**	Page 204
Arm **BM-100**	Page 362
Column **Coliseo**	Page 447

Assembly 8.3

Specifications

Luminaire height	8.1 m
Total height	8.3 m
Luminaire **Enur P**	Page 212
Arm **FX-100**	Page 400
Column **Coliseo Super**	Page 471



Assembly 8.4

Specifications

Luminaire height	8.0 / 8.6 m
Total height	9.5 m
Luminaire **Evolución P**	Page 220
Arm **ED-100**	Page 351
Column **Coliseo**	Page 447

Suggested luminaires

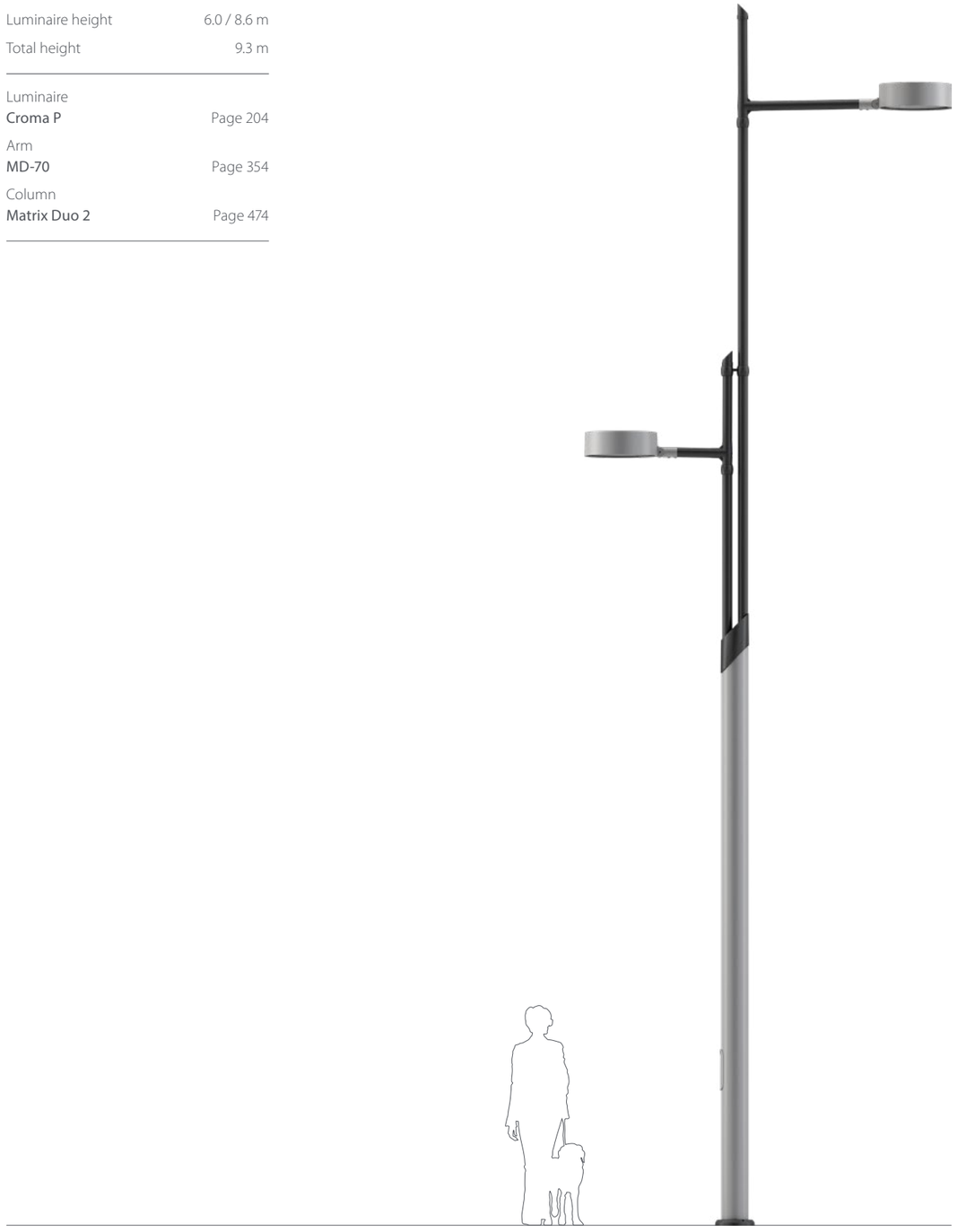
Metrópoli LBP Page 314

Evolución P Page 220

Assembly 8.5

Specifications

Luminaire height	6.0 / 8.6 m
Total height	9.3 m
Luminaire **Croma P**	Page 204
Arm **MD-70**	Page 354
Column **Matrix Duo 2**	Page 474



Assembly 8.6

Specifications

Luminaire height	5.1 / 8.6 m
Total height	8.7 m
Luminaire **Evolución P**	Page 220
Arm **FD-150**	
Column **Matrix Duo 2**	Page 474

Suggested luminaires

Metrópoli LP Page 314

Cónica OPH Page 194

Evolución 2 P Page 221

Assembly 8.7

Specifications

Luminaire height	4.8 / 8.6 m
Total height	9.4 m
Luminaire **Evolución P**	Page 220
Arm **MT-50**	Page 356
Column **Coliseo**	Page 447

Suggested luminaires

Croma P Page 204

Evolución P Page 220

Enur P Page 212

Assembly 8.8

Specifications

Luminaire height	8.6 m
Total height	9.5 m
Luminaire **Evolución P**	Page 220
Arm **ED-100**	Page 351
Column **Atlas Plus**	Page 468

Suggested luminaires

Metrópoli LP Page 314

Assembly 9.1

Specifications

Luminaire height	4.0 9.1 m
Total height	9.4 m
Luminaire **Evolución P**	Page 220
Arm **MT-10**	Page 355
Column **Coliseo**	Page 447

Suggested luminaires

Metrópoli LP Page 314

Evolución 2 P Page 221

Assembly 9.2

Specifications

Luminaire height	4.4 / 9.2 m
Total height	10.0 m
Luminaire **Cónica OPH**	Page 194
Arm **AV-80**	Page 344
Column **Bulevar**	Page 469

Suggested luminaires

Metrópoli EBP Page 316

Metrópoli EBLC Page 317

Cónica TLH Page 192

Assembly 9.3

Specifications

Luminaire height	9.6 m
Total height	9.9 m
Luminaire **Enur P**	Page 212
Arm **AV-80**	Page 344
Column **Atlas**	Page 446

Suggested luminaires

Croma P Page 204

Evolución P Page 220

Metrópoli LP Page 314

Assembly 9.4

Specifications

Luminaire height	9.7 m
Total height	9.9 m
Luminaire	
Enur P	Page 212
Column	
Atlas	Page 446

Suggested luminaires

Croma P Page 204

Evolución P Page 220

Metrópoli LP Page 314

Assembly 9.5

Specifications

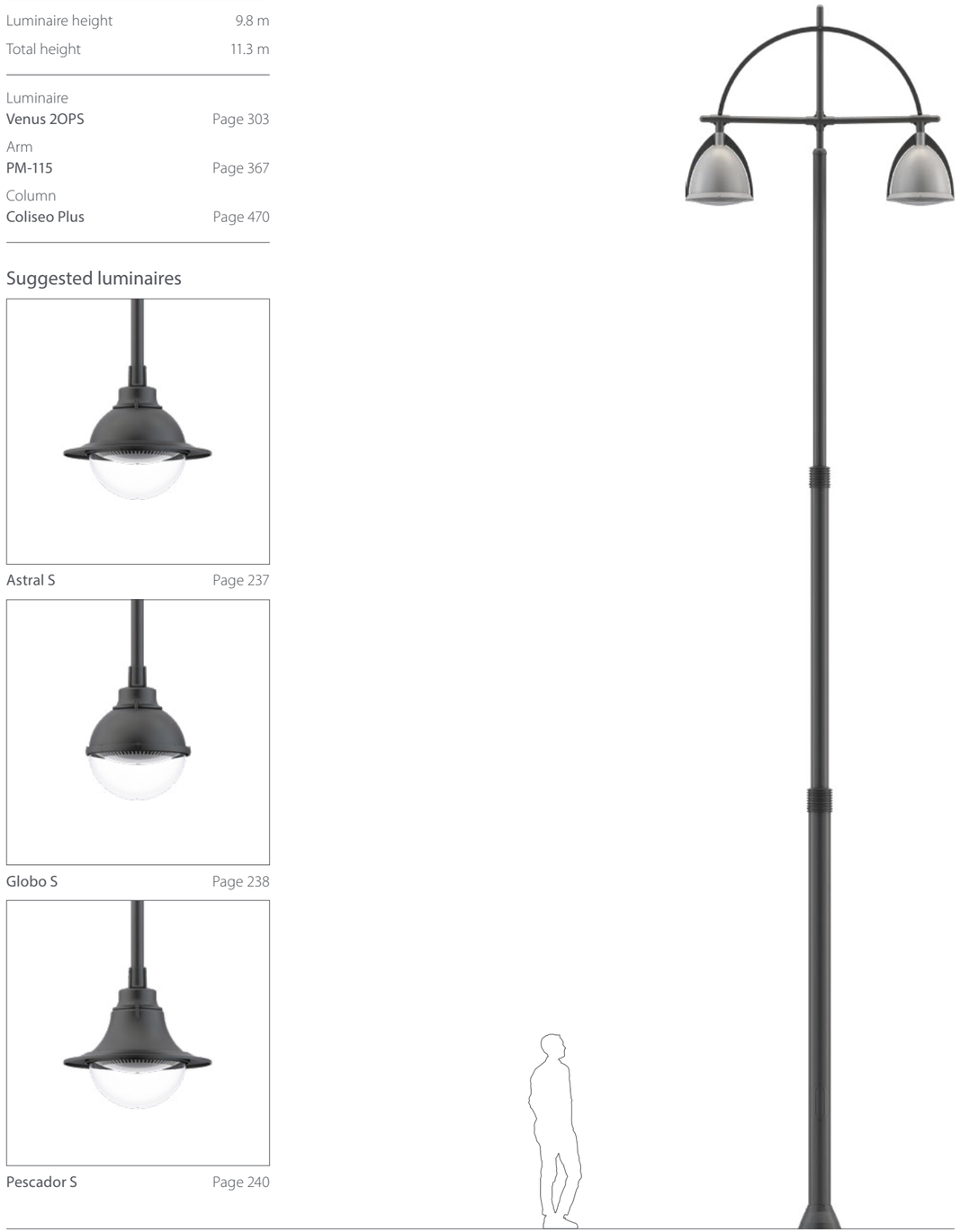
Luminaire height	9.8 m
Total height	11.3 m
Luminaire	
Venus 2OPS	Page 303
Arm	
PM-115	Page 367
Column	
Coliseo Plus	Page 470

Suggested luminaires

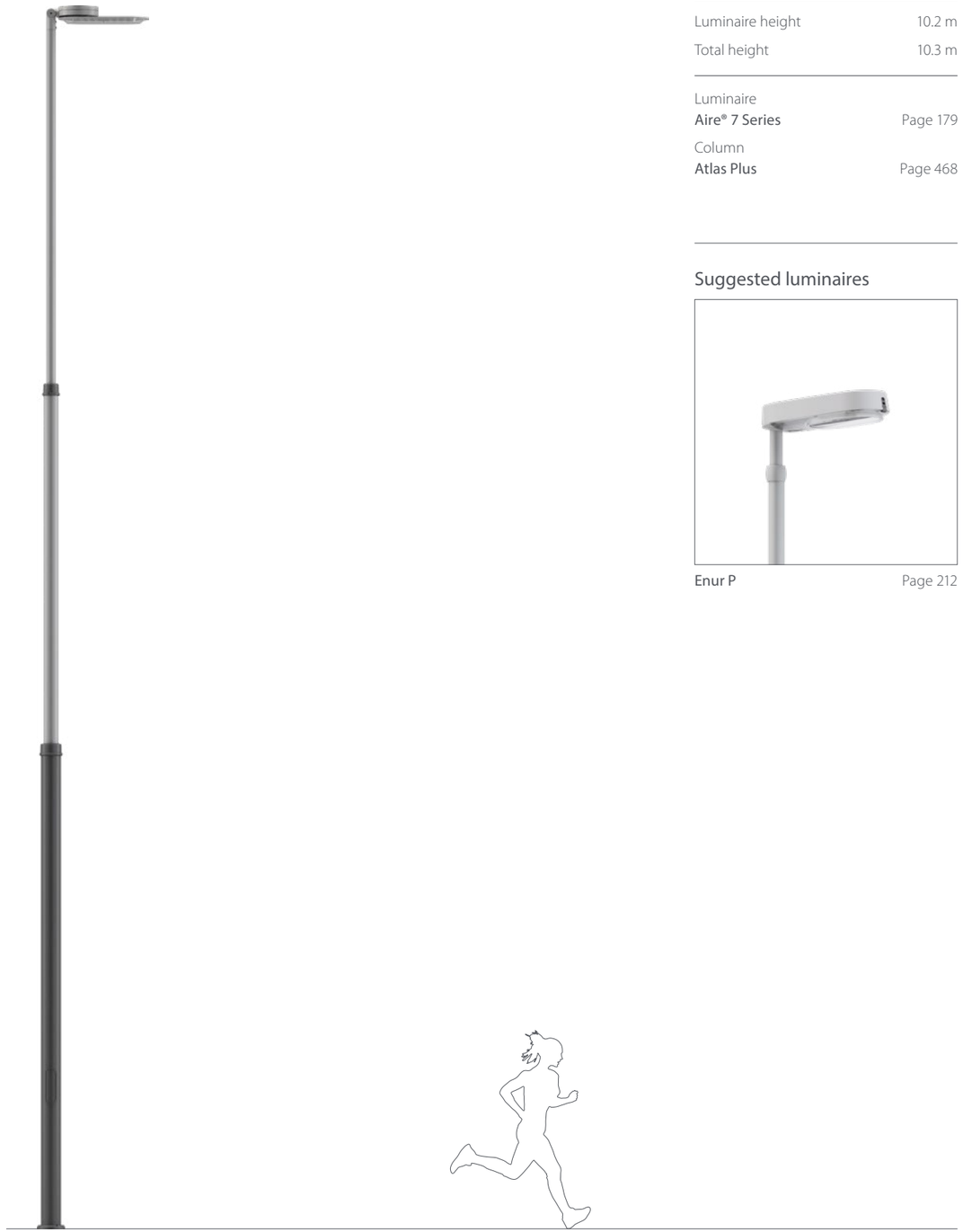
Astral S Page 237

Globo S Page 238

Pescador S Page 240



Assembly 10.1



Specifications

Luminaire height	10.2 m
Total height	10.3 m

Luminaire **Aire® 7 Series**	Page 179
Column **Atlas Plus**	Page 468

Suggested luminaires

Enur P Page 212

Assembly 10.2

Specifications

Luminaire height	11.3 m
Total height	10.2 m

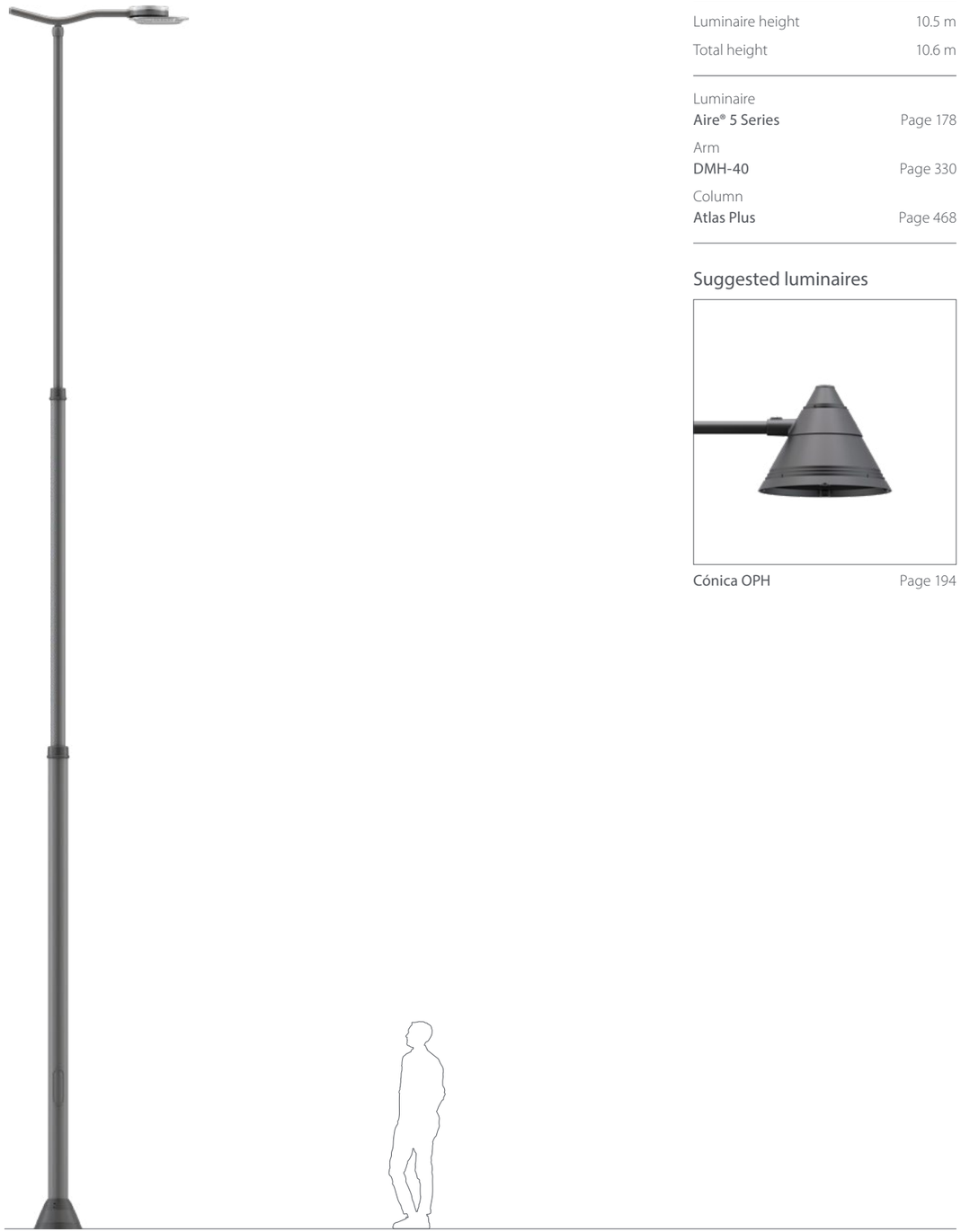
Luminaire **Croma P**	Page 204
Arm **BM-150**	Page 362
Column **Coliseo Plus**	Page 470

Suggested luminaires

Cónica OPH Page 194

Evolución P Page 220

Assembly 10.3



Specifications

Luminaire height	10.5 m
Total height	10.6 m
Luminaire **Aire® 5 Series**	Page 178
Arm **DMH-40**	Page 330
Column **Atlas Plus**	Page 468

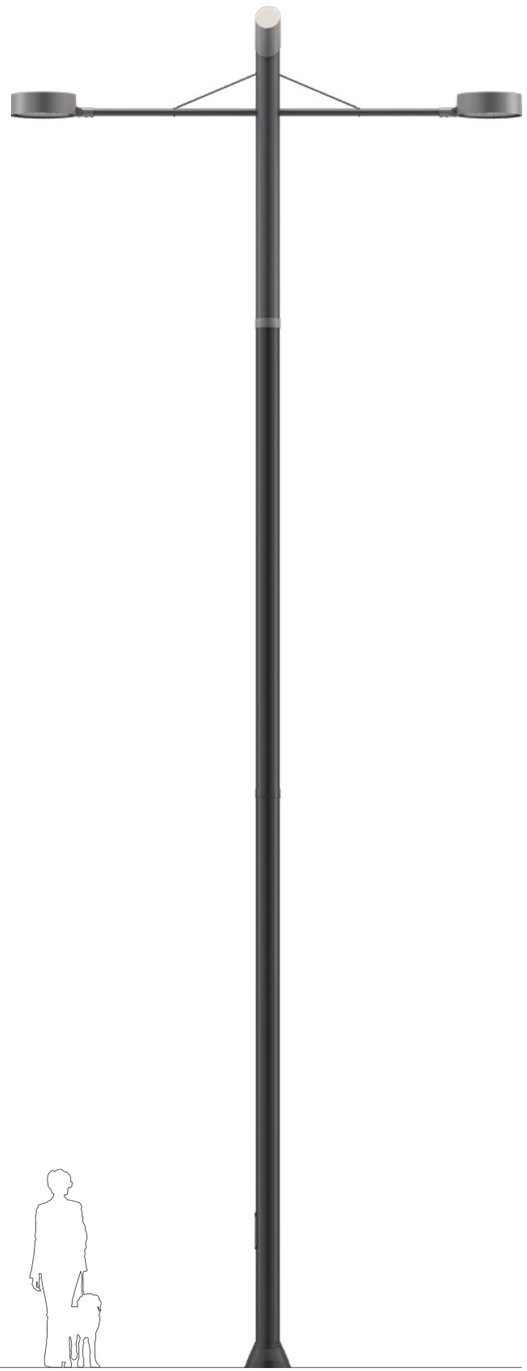
Suggested luminaires

Cónica OPH Page 194

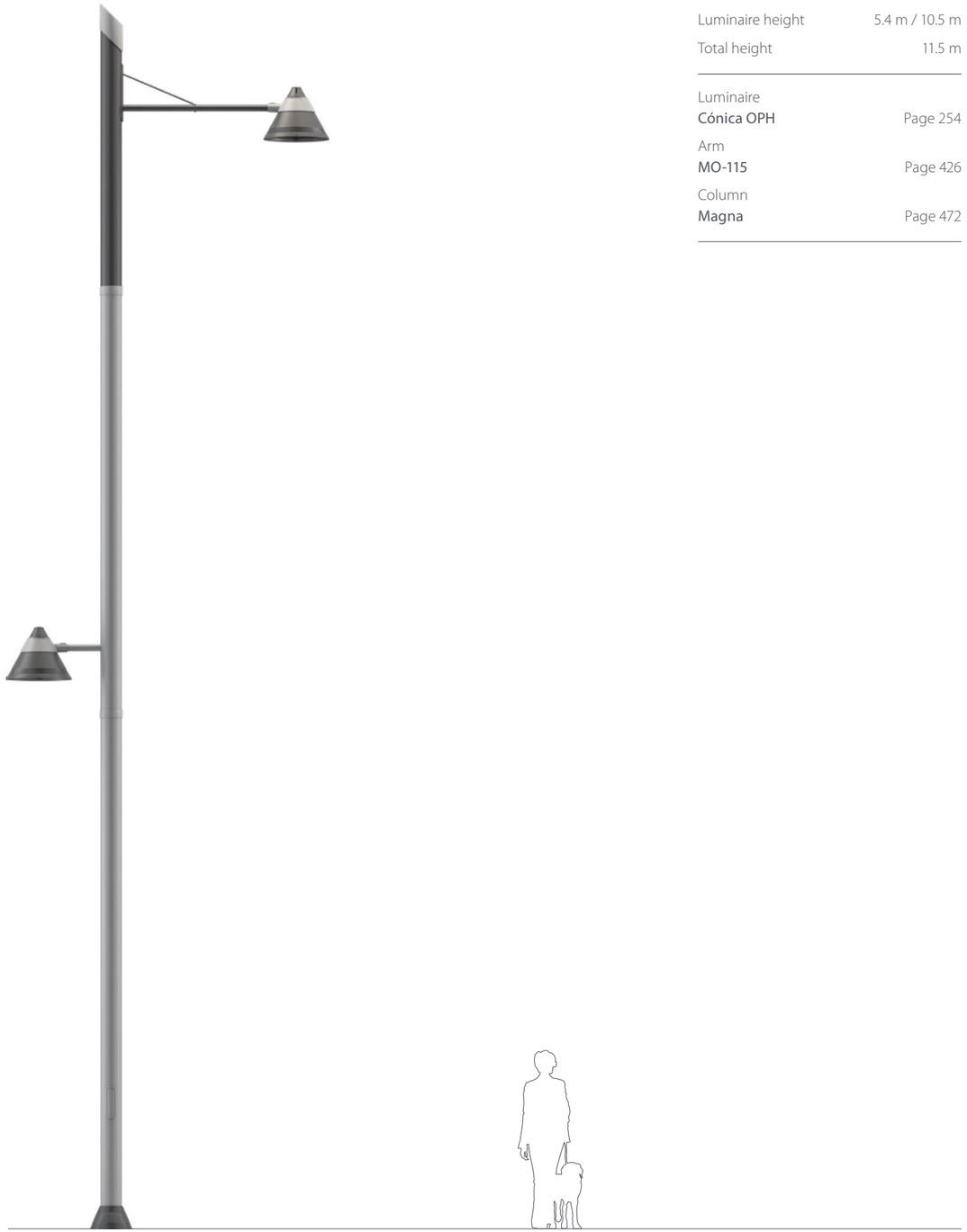
Assembly 11.1

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



Assembly 11.2



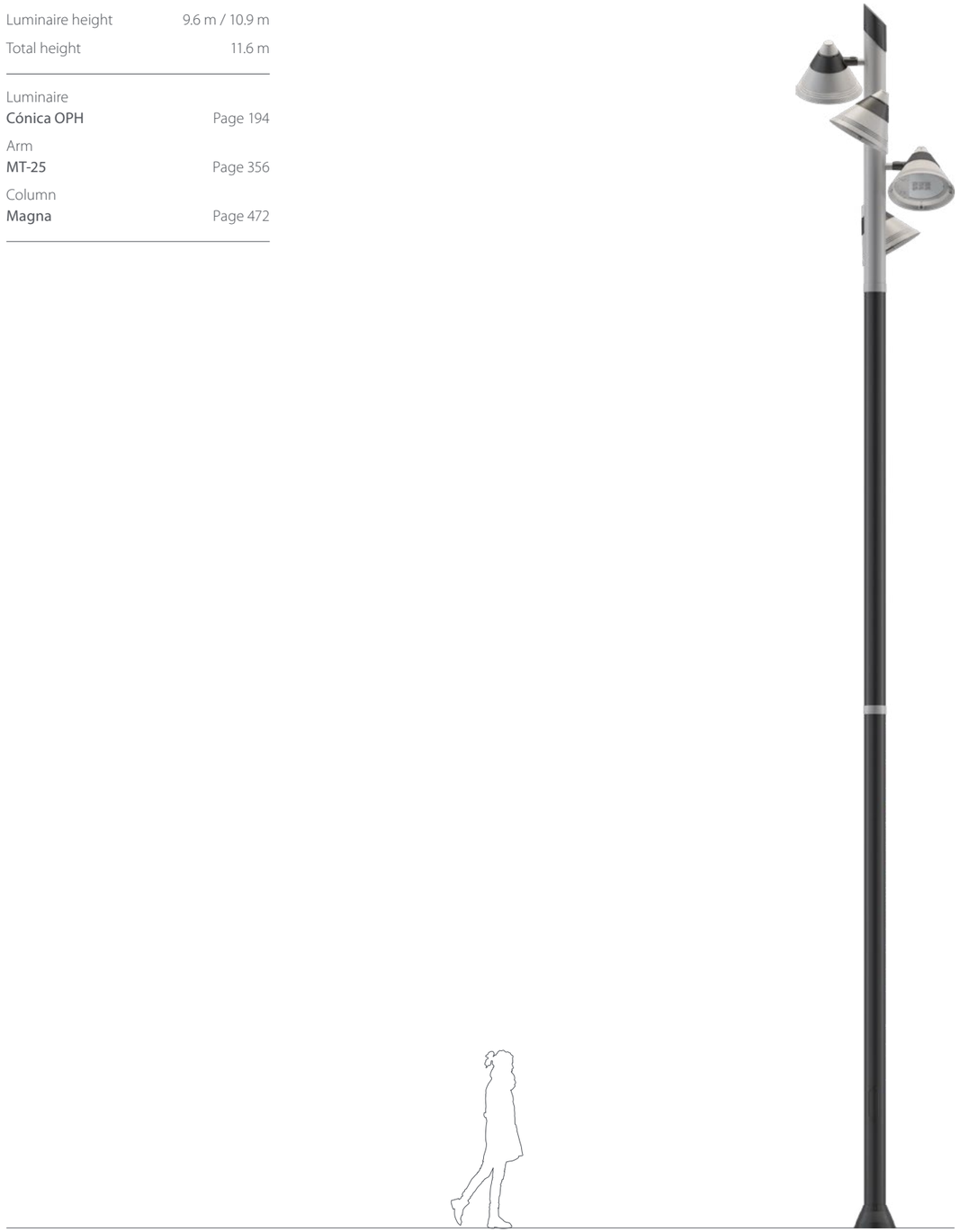
Specifications

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

Assembly 12.1

Specifications

Luminaire height	9.6 m / 10.9 m
Total height	11.6 m
Luminaire	
Cónica OPH	Page 194
Arm	
MT-25	Page 356
Column	
Magna	Page 472



Assembly 12.2

Specifications

Luminaire height	12.1 m
Total height	13.1 m

Luminaire **Metrópoli LBP**	Page 314
Arm **BM-60**	Page 421
Column **Atlas Plus**	Page 468

Suggested luminaires

Aire® 5 Series Page 178

Assembly 12.3

Specifications

Luminaire height	12.2 m
Total height	12.3 m

Luminaire **Orión**	Page 278
Column **Atlas Plus**	Page 468

Suggested luminaires

Aire® 7 Series Page 179

Assembly 12.4

Specifications

Luminaire height	12.2 m
Total height	12.3 m
Luminaire	
Orión	Page 278
Arm	
BP-100	Page 347
Column	
Coliseo Plus	Page 470

Suggested luminaires

Aire® 3 Series floodlight Page 348

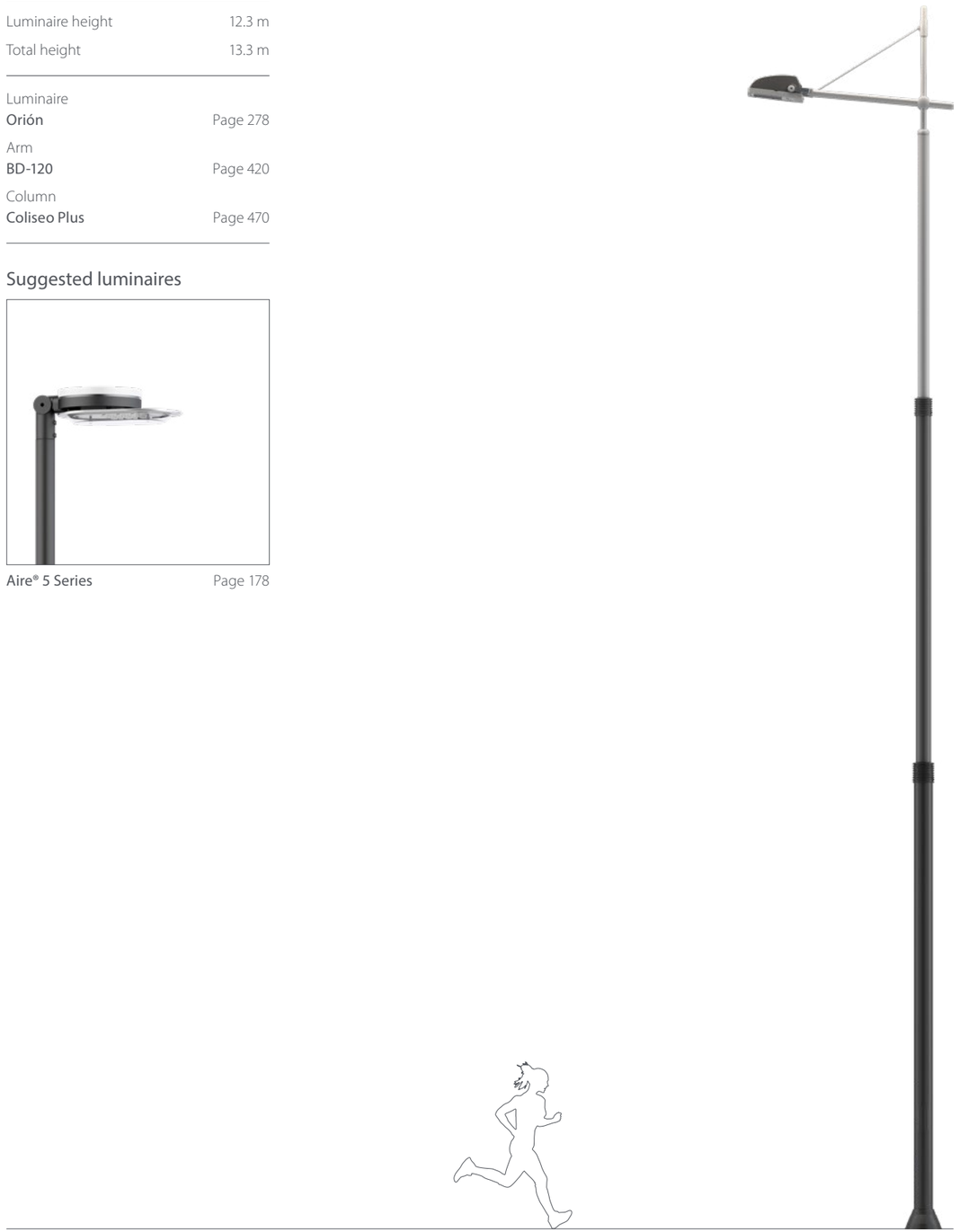
Assembly 12.5

Specifications

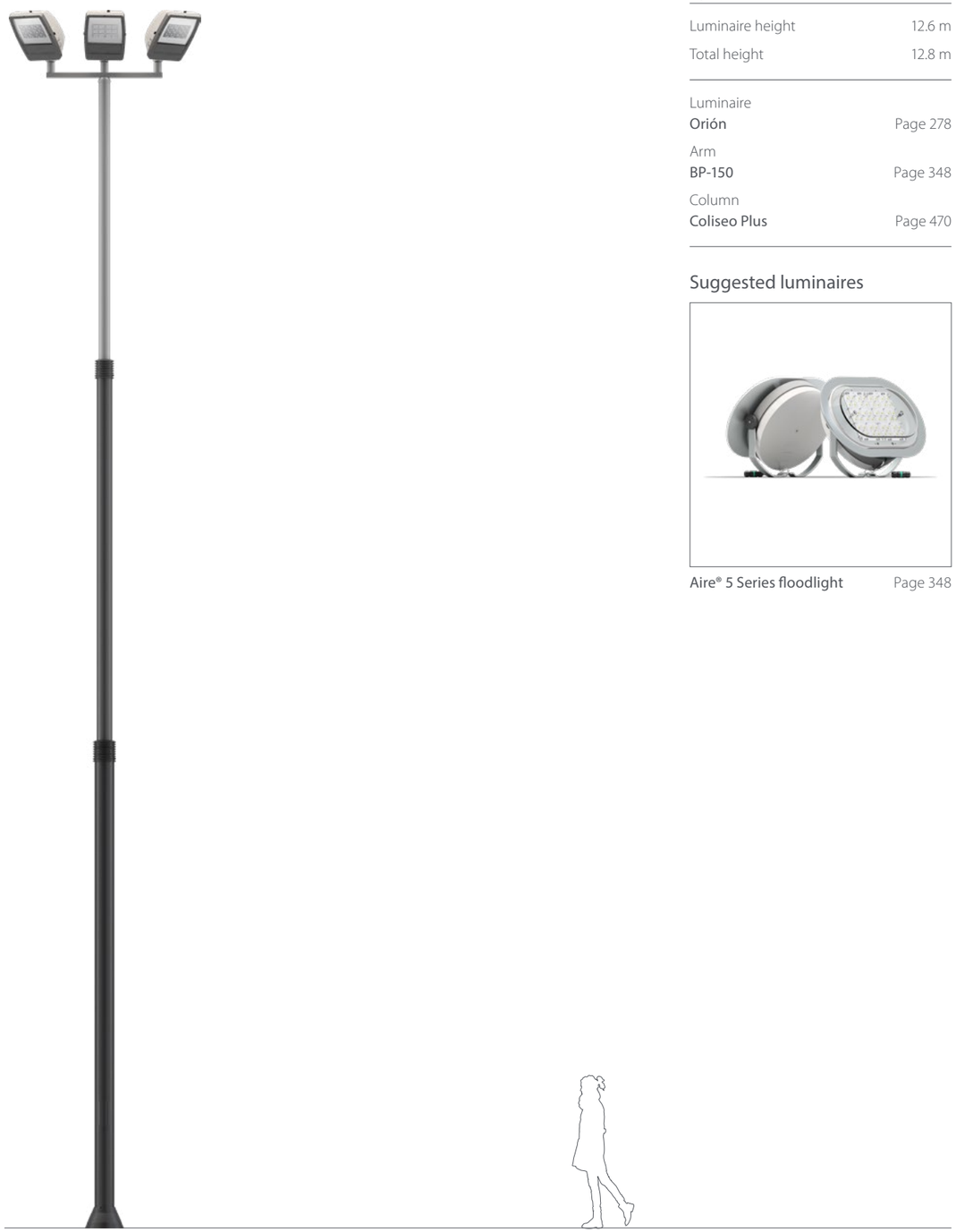
Luminaire height	12.3 m
Total height	13.3 m
Luminaire	
Orión	Page 278
Arm	
BD-120	Page 420
Column	
Coliseo Plus	Page 470

Suggested luminaires

Aire® 5 Series Page 178



Assembly 12.6



Specifications

Luminaire height	12.6 m
Total height	12.8 m
Luminaire **Orión**	Page 278
Arm **BP-150**	Page 348
Column **Coliseo Plus**	Page 470

Suggested luminaires

Aire® 5 Series floodlight Page 348

Assembly 9.5 (page 145)

Immune to corrosion

IP66+ Totally hermetic

IK10+ 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 158

Villa XLTA 158

Villa XLTA2 159

Villa XLS 161

Villa XLTS 161

Villa Royal XLA 159

Villa Royal XLTA 160

Villa Royal XLTA2 160

Hexagonal Classics

Cisne A 172

Góndola A 172

Litoral A 173

Palacio A 173

Real A 174

Ronda A 174

Cisne S 175

Góndola S 175

Litoral S 176

Palacio S 176

Real S 177

Ronda S 177

Urania

Urania A 184

Cónica

Cónica TLA 192

Cónica TLH 192

Cónica TLS 193

Cónica OLH 193

Cónica OLS 194

Cónica OPH 194

Cónica OPS 195

Croma

Croma P 204

Croma LC 204

Enur

Enur P 212

Enur L 212

Enur Micro 213

Evolución

Evolución P 220

Evolución LC 220

Evolución 2 P 281

Evolución 2 LC 221

Funcional

Alameda A 232

Astral A 232

Europa A 233

Europa LA 233

Libra A 234

Paseo A 235

Pescador A 235

Pescador LA 236

Alameda S 236

Astral S 237

Europa S 237

Europa LS 238

Globo S 238

Libra S 239

Paseo S 239

Pescador S 240

Pescador LS 240

Alameda I 241

Astral I 241

Astral LI 242

Astral BLCI 242

Globo I 243

Globo LI 243

Metrópoli

Metrópoli LP 314

Metrópoli LBP 314

Metrópoli LBLC 315

Metrópoli LLC 315

Metrópoli EP 316

Metrópoli EBP 316

Metrópoli EBLC 317

Metrópoli ELC 317

Metrópoli 2

Metrópoli LP Color 328

Metrópoli LBP Color 328

Metrópoli LBLC Color 329

Metrópoli LLC Color 329

Metrópoli EP Color 330

Metrópoli EBLC Color 331

Metrópoli EBP Color 330

Metrópoli ELC Color 331

Orión

Orión 278

Aire® floodlight

Aire® 3 Series floodlight 348

Aire® 5 Series floodlight 348

Aire® 7 Series floodlight 349

E Series floodlight

S Model Transparent 294

S Model Comfort 294

M Model Transparent 295

M Model Comfort 295

Venus

Venus TLA 300

Venus 2TLA 300

Venus TLS 302

Venus OLS 301

Venus OPS 301

Venus 2TLS 302

Venus 2OLS 303

Venus 2OPS 303

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

KitLED®

reddot winner 2021
lighting design

KitLED® S Transparent 170

KitLED® S Comfort 170

KitLED® M Transparent 171

KitLED® M Comfort 171

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 cm²
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 172

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 cm²
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 172

PC AMBER 1800 2200 2700 3000

KitLED® M Transparent

Width	281 mm
Height	105 mm
Length	281 mm

Specifications

Maximum recommended height	8 m
Weight	2.5 kg
Wind surface	620 cm²
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 172

PC AMBER 1800 2200 2700 3000

KitLED® M Comfort

Width	281 mm
Height	105 mm
Length	281 mm

Specifications

Maximum recommended height	8 m
Weight	2.5 kg
Wind surface	620 cm²
Insulation class	Class II
Comprehensive warranty	10 years
IK degree of protection	IK10
IP degree of protection	IP66
Laminar Heatsink®	Yes
ULOR	2.42 %
Luminous efficacy	125 lm/W

Power Page 172

LED35 LED55 LED75

Optics Page 172

A4 A5 A7 A12 S2

Colour temperatures Page 172

PC AMBER 1800 2200 2700 3000

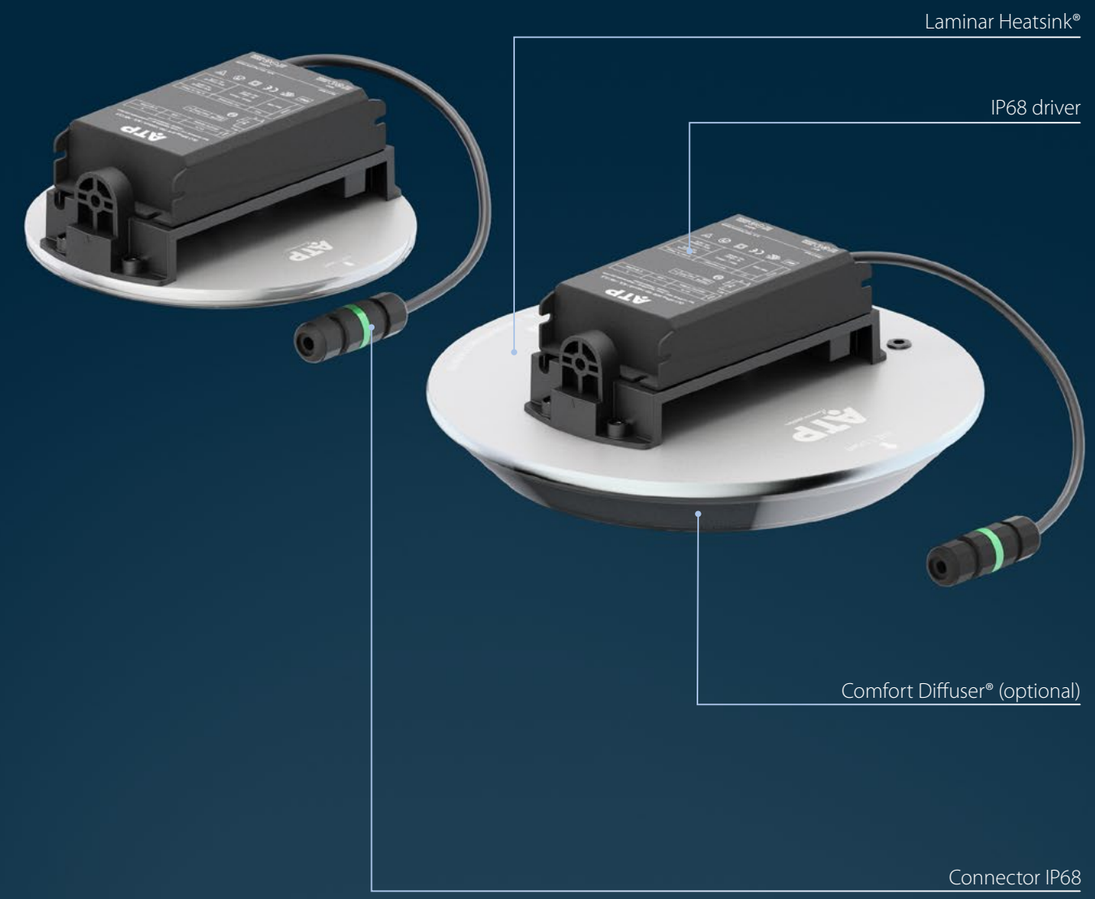
Available optics

	A4	A5	A7	A12	S2
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®

GERMAN DESIGN AWARD WINNER

DESIGN PLUS WINNER light+building

GERMAN DESIGN AWARD SPECIAL

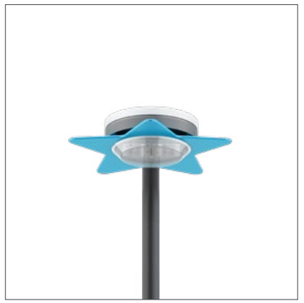
Aire® 3 Series 178

Aire® 5 Series 178

Aire® 5 Series 178

Aire® Custom Flor 180

Aire® Custom Sol 180



Aire® Custom Estrella 181

Aire® Custom Hexágono 181

GERMAN DESIGN AWARD WINNER

DESIGN PLUS WINNER light+building

GERMAN DESIGN AWARD SPECIAL

Luminaire: **Aire® 3 Series** (page 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 cm²
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 312

A4 A5 A7 A9 A12 S2

Colour temperatures Page 311

PC AMBER 1800 2200 2700 3000

Standard colours Page 309

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 cm²
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 312

A4 A5 A7 A12 S2

Colour temperatures Page 311

PC AMBER 1800 2200 2700 3000

Standard colours Page 309

Specifications

Maximum recommended height	14 m
Weight	11 kg
Wind surface	2250 cm²
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 312

A4 A5 A7 A12 S2

Colour temperatures Page 311

PC AMBER 2200 K 2700 K 3000 K 4000 K

Standard colours Page 309

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 cm²
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 312

A4 A5 A7 A9 A12 S2

Colour temperatures Page 311

PC AMBER 1800 2200 2700 3000

Standard colours Page 309

Aire® Custom Sol

Width	390 mm
Height	130 mm
Length	390 mm

Specifications

Maximum recommended height	8 m
Weight	8 kg
Wind surface	870 cm²
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 312

A4 A5 A7 A9 A12 S2

Colour temperatures Page 311

PC AMBER 1800 2200 2700 3000

Standard colours Page 309

Specifications

Maximum recommended height	8 m
Weight	8 kg
Wind surface	870 cm²
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 312

A4 A5 A7 A9 A12 S2

Colour temperatures Page 311

PC AMBER 1800 2200 2700 3000

Standard colours Page 309

Aire® Custom Estrella

Width	550 mm
Height	130 mm
Length	570 mm

Specifications

Maximum recommended height	8 m
Weight	8 kg
Wind surface	870 cm²
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 312

A4 A5 A7 A9 A12 S2

Colour temperatures Page 311

PC AMBER 1800 2200 2700 3000

Standard colours Page 309

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).

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).

Fuse holder accessory

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

Dusk sensor

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

ALFA

Luminarie: **Alfa 5A** (page189) | Column: **Coliseo** (page447)

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 cm²
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

Alfa 2A

Width	205 mm
Height	675 mm
Length	205 mm

Specifications

Maximum recommended height	5 m
Weight	4,1 kg
Wind surface	1225 cm²
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 %

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

Alfa 5A

Specifications

Maximum recommended height	5 m
Weight	6,9 kg
Wind surface	1400 cm²
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 %

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

Width	600 mm
Height	680 mm
Length	600 mm

Alfa 8A

Specifications

Maximum recommended height	5 m
Weight	7,1 kg
Wind surface	1815 cm²
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 %

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

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 cm²
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 %

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

Alfa 2S

Width	205 mm
Height	675 mm
Length	205 mm

Specifications

Maximum recommended height	5 m
Weight	4,1 kg
Wind surface	1225 cm²
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 %

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 cm²
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 %

Power Page 371

LED34

Optics Page 372

A4 A5 A7 A12 S2

Colour temperatures Page 371

PC AMBER 2200 K 2700 K 3000 K 4000 K

Standard colours Page 369

Alfa 5S

Width	600 mm
Height	675 mm
Length	600 mm

Motion sensor

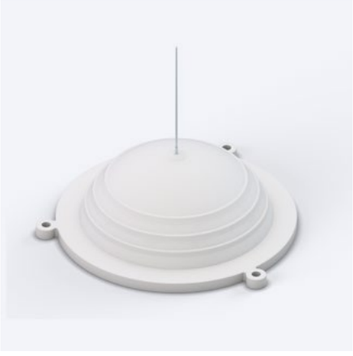
Maintains 10% light intensity, which increases to 100% when motion is detected. For a maximum height of three meters.

Dusk sensor

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

Built-in bird spike

Passive protector to prevent birds landing and soiling the luminaire.



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.

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.

CIRCULAR CLASSICS

Luminaire: **Siglo XLA** (page 205) | Column: **Avenida** (page 396)

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

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 cm²
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

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

PC AMBER 1800 2200 2700 3000

Standard colours Page 369

Malaki XLA

Specifications

Maximum recommended height	8 m
Weight	8.5 kg
Wind surface	2560 cm²
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	1.22 %
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 cm²
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 %

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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

Specifications

Maximum recommended height	8 m
Weight	8.2 kg
Wind surface	2560 cm²
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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Colour temperatures Page 371

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Plaza XLTA

Width 460 mm
Height 945 mm
Length 460 mm

Specifications

Maximum recommended height	8 m
Weight	8.2 kg
Wind surface	2560 cm²
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 %

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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 cm²
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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Specifications

Maximum recommended height	8 m
Weight	8.6 kg
Wind surface	2560 cm²
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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Siglo XLA

Width 490 mm
Height 930 mm
Length 490 mm

Specifications

Maximum recommended height	8 m
Weight	8.6 kg
Wind surface	2560 cm²
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 %

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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 cm²
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 XLS

Width	460 mm
Height	975 mm
Length	460 mm

Specifications

Maximum recommended height	8 m
Weight	8.5 kg
Wind surface	2560 cm²
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	8.5 kg
Wind surface	2560 cm²
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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Malaki XLTS

Width	460 mm
Height	975 mm
Length	460 mm

Plaza XLS

Width	460 mm
Height	965 mm
Length	460 mm

Specifications

Maximum recommended height	8 m
Weight	8.2 kg
Wind surface	2560 cm²
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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Plaza XLTS

Width	460 mm
Height	965 mm
Length	460 mm

Specifications

Maximum recommended height	8 m
Weight	8.2 kg
Wind surface	2560 cm²
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 cm²
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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Colour temperatures Page 371

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Standard colours Page 369

Specifications

Maximum recommended height	8 m
Weight	8.6 kg
Wind surface	2560 cm²
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 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.

Built-in bird spike

Passive protector to prevent birds landing and soiling the luminaire.

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

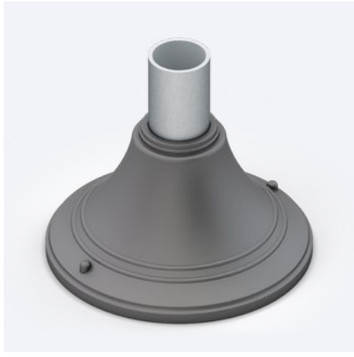
Accessory to mount the street lamp on any cylindrical column model in accordance with its diameter. Available for models Litoral, Cisne, Palacio, Gondola, Real, Villa, Siglo, Ronda, Plaza, and Malaki.

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 (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.

SQUARE CLASSICS

Luminaire: **Villa XLA** (page 218) | Column: **Colonial** (page 398)

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

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 cm²
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 %

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LED15 LED25 LED35 LED55 LED75 LED100

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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 cm²
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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LED15 LED25 LED35 LED55 LED75 LED100

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Specifications

Maximum recommended height	8 m
Weight	6.7 kg
Wind surface	1780 cm²
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 %

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LED15 LED25 LED35 LED55 LED75 LED100

Optics
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Colour temperatures
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Villa XLTA2

Width 430 mm
Height 800 mm
Length 430 mm

Specifications

Maximum recommended height	8 m
Weight	6.7 kg
Wind surface	1780 cm²
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
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LED15 LED25 LED35 LED55 LED75 LED100

Optics
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A4 A5 A7 A9 A12 S2

Colour temperatures
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Standard colours
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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 cm²
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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A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

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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 cm²
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

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Villa XLS

Specifications

Maximum recommended height	8 m
Weight	6.7 kg
Wind surface	1780 cm²
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 %

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LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

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Width	430 mm
Height	830 mm
Length	430 mm

Villa XLTS

Specifications

Maximum recommended height	8 m
Weight	6.7 kg
Wind surface	1780 cm²
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 %

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LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

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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.

Built-in bird spike

Passive protector to prevent birds landing and soiling the luminaire.

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.

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 (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.

Luminaire: **Litoral A** (page 233) | Column: **Nova** (page 399)

HEXAGONAL CLASSICS

Cisne A 232

Góndola A 232

Litoral A 233

Palacio A 233

Real A 234

Ronda A 234

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

Cisne S 235

Góndola S 235

Litoral S 236

Palacio S 236

Real S 237

Ronda S 237

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 cm²
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 %

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LED15 LED25 LED35 LED55

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Góndola A

Width	390 mm
Height	685 mm
Length	390 mm

Specifications

Maximum recommended height	8 m
Weight	6.1 kg
Wind surface	1650 cm²
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 %

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LED15 LED25 LED35 LED55

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Specifications

Maximum recommended height	8 m
Weight	5.6 kg
Wind surface	1580 cm²
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 %

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LED15 LED25 LED35 LED55

Optics Page 372

A4 A5 A7 A9 A12 S2

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Litoral A

Width	390 mm
Height	770 mm
Length	390 mm

Specifications

Maximum recommended height	8 m
Weight	6 kg
Wind surface	2300 cm²
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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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 cm²
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 %

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LED15 LED25 LED35 LED55

Optics Page 372

A4 A5 A7 A9 A12 S2

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Ronda A

Width	390 mm
Height	730 mm
Length	390 mm

Specifications

Maximum recommended height	8 m
Weight	5.7 kg
Wind surface	1650 cm²
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 %

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LED15 LED25 LED35 LED55

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Specifications

Maximum recommended height	8 m
Weight	5.8 kg
Wind surface	1650 cm²
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 %

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LED15 LED25 LED35 LED55

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Cisne S

Width	390 mm
Height	870 mm
Length	390 mm

Specifications

Maximum recommended height	8 m
Weight	6.1 kg
Wind surface	1650 cm²
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 %

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LED15 LED25 LED35 LED55

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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 cm²
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 %

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LED15 LED25 LED35 LED55

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

PC AMBER 1800 2200 2700 3000

Standard colours Page 369

Palacio S

Width	395 mm
Height	870 mm
Length	395 mm

Specifications

Maximum recommended height	8 m
Weight	6 kg
Wind surface	2300 cm²
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 %

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LED15 LED25 LED35 LED55

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Real S

Width	395 mm
Height	865 mm
Length	395 mm

Specifications

Maximum recommended height	8 m
Weight	6.3 kg
Wind surface	1580 cm²
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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Ronda S

Width	390 mm
Height	750 mm
Length	390 mm

Specifications

Maximum recommended height	8 m
Weight	5.7 kg
Wind surface	1650 cm²
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

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Dusk sensor

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

Built-in bird spike

Passive protector to prevent birds landing and soiling the luminaire.

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.

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 (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.

Luminaire: **Urania A** (page 244) | Column: **Avenida Súper** (page 397)

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 cm²
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 %

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LED15 LED25 LED35 LED55 LED75

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

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Luminaire: **Urania A** (page 244)

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.

Base for supported luminaires

Accessory to place the luminaire on walls or pilasters.

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.

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

Luminaire: **Cónica TLA** (page 252)

Cónica TLA

Width	633 mm
Height	570 mm
Length	633 mm

Specifications

Maximum recommended height	12 m
Weight	9.9 kg
Wind surface	1970 cm²
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

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Colour temperatures Page 371

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Cónica TLH

Width	633 mm
Height	550 mm
Length	635 mm

Specifications

Maximum recommended height	12 m
Weight	11 kg
Wind surface	2070 cm²
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

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Specifications

Maximum recommended height	12 m
Weight	9.9 kg
Wind surface	1970 cm²
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

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Cónica TLS

Width	633 mm
Height	570 mm
Length	633 mm

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 cm²
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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Standard colours Page 369

Cónica OPH

Width	633 mm
Height	500 mm
Length	633 mm

Specifications

Maximum recommended height	12 m
Weight	10.1 kg
Wind surface	1900 cm²
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

Specifications

Maximum recommended height	12 m
Weight	9 kg
Wind surface	1800 cm²
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

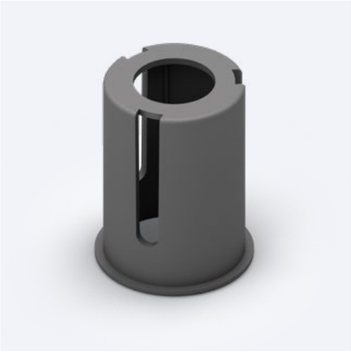
Accessory that responds to the changes of ambient light by turning the luminaire on or off.

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.

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.

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

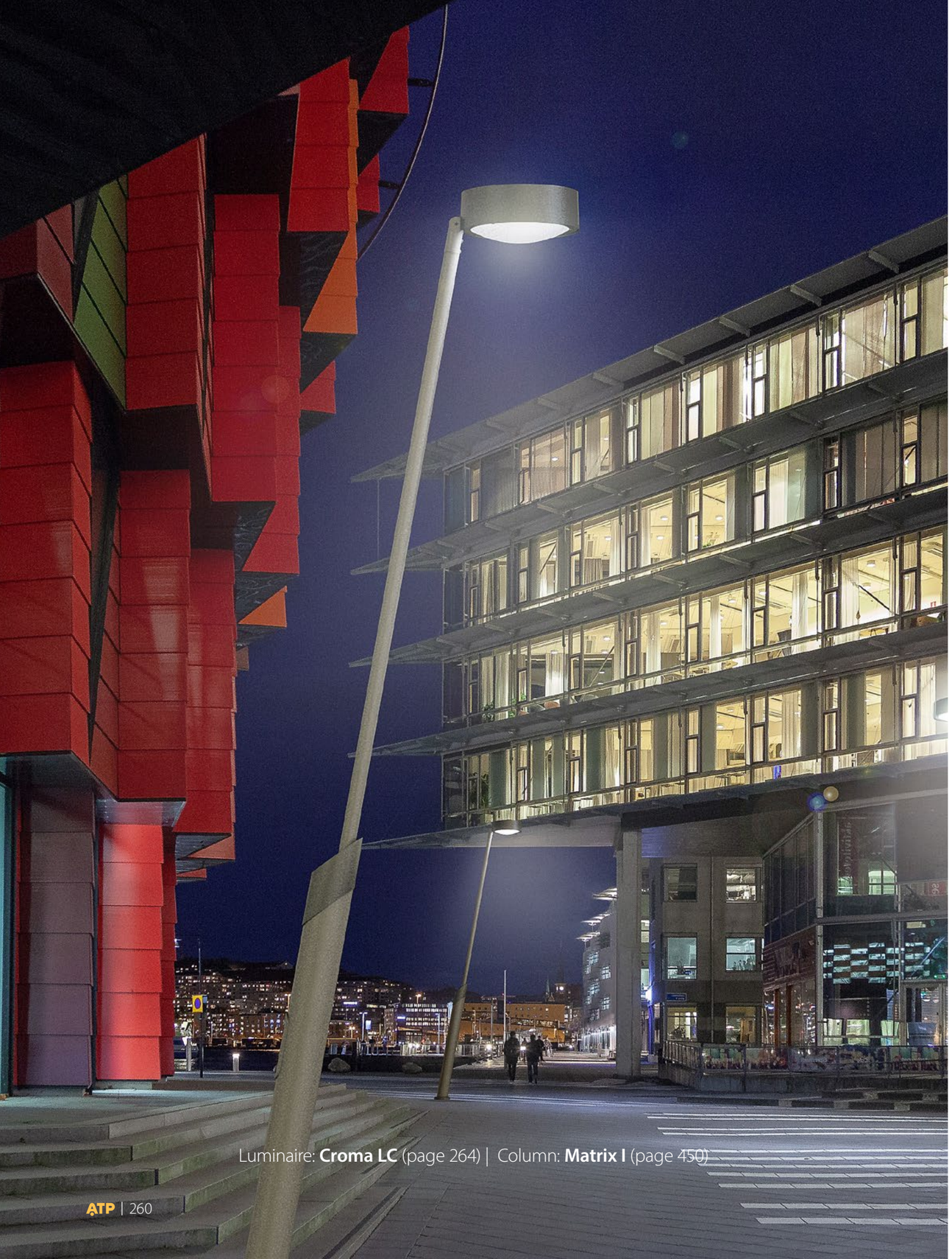
Accessory to suspend the luminaire using a chain. Includes eyebolt and chain of 500 mm. Additional custom lengths available.

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.



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

CROMA

Croma LC 262

Croma P 262

Luminaire: **Croma LC** (page 264)

Croma LC

Width	562 mm
Height	200 mm
Length	562 mm

Specifications

Maximum recommended height	12 m
Weight	9.8 kg
Wind surface	1200 cm²
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

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Standard colours Page 369

Croma P

Width	562 mm
Height	180 mm
Length	562 mm

Specifications

Maximum recommended height	12 m
Weight	10.2 kg
Wind surface	1130 cm²
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

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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 (5º)** (page 334) | Column: **Simple** (page 453)

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 cm²
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

A4 A5 A7 A9 A12 S2

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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 cm²
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

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Enur Micro

Specifications

Maximum recommended height	8 m
Weight	2.4 kg
Wind surface	525 cm²
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

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Standard colours Page 369

Width	255 mm
Height	120 mm
Length	470 mm

Dusk sensor

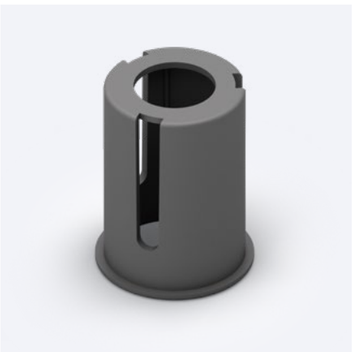
Accessory that responds to the changes of ambient light by turning the luminaire on or off.

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.

Adapter Ø 60 mm to Ø 50 mm

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



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.

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.

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 365) | Column: **Matrix I** (page 450)

EVOLUCIÓN

Evolución P 280

Evolución LC 280

Evolución 2 P 281

Evolución 2 LC 281

Luminaire: **Evolución 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 cm²
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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Evolución LC

Width 562 mm
Height 325 mm
Length 562 mm

Specifications

Maximum recommended height	12 m
Weight	8.2 kg
Wind surface	1010 cm²
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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Standard colours Page 369

Specifications

Maximum recommended height	12 m
Weight	8.6 kg
Wind surface	950 cm²
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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Colour temperatures Page 371

PC AMBER 1800 2200 2700 3000

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Evolución 2 P

Width 562 mm
Height 325 mm
Length 562 mm

Specifications

Maximum recommended height	12 m
Weight	8.2 kg
Wind surface	1010 cm²
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

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Colour temperatures Page 371

PC AMBER 1800 2200 2700 3000

Standard colours Page 369

Evolución 2 LC

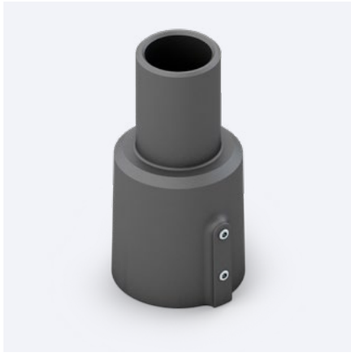
Width 562 mm
Height 325 mm
Length 562 mm

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.

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

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

Luminaire: **Paseo A** (page 295)

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

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

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 cm²
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
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Colour temperatures
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Page 369

Astral A

Width	700 mm
Height	640 mm
Length	700 mm

Specifications

Maximum recommended height	8 m
Weight	7.3 kg
Wind surface	2000 cm²
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
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LED15 LED25 LED35 LED55 LED75 LED100

Optics
Page 372

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Colour temperatures
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Standard colours
Page 369

Europa A

Specifications

Maximum recommended height	8 m
Weight	5.8 kg
Wind surface	1930 cm²
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
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LED15 LED25 LED35 LED55 LED75 LED100

Optics
Page 372

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Colour temperatures
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Standard colours
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Width	490 mm
Height	675 mm
Length	490 mm

Europa LA

Specifications

Maximum recommended height	8 m
Weight	5.8 kg
Wind surface	1620 cm²
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

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Colour temperatures
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PC AMBER 1800 2200 2700 3000

Standard colours
Page 369

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 cm²
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

Colour temperatures Page 371

PC AMBER 1800 2200 2700 3000

Standard colours Page 369

Libra A

Width	490 mm
Height	605 mm
Length	490 mm

Specifications

Maximum recommended height	8 m
Weight	5.4 kg
Wind surface	1600 cm²
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

PC AMBER 1800 2200 2700 3000

Standard colours Page 369

Paseo A

Specifications

Maximum recommended height	8 m
Weight	6.8 kg
Wind surface	1680 cm²
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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Colour temperatures Page 371

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Width	700 mm
Height	605 mm
Length	700 mm

Pescador A

Specifications

Maximum recommended height	8 m
Weight	7.2 kg
Wind surface	2110 cm²
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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Colour temperatures Page 371

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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 cm²
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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Alameda S

Width	700 mm
Height	570 mm
Length	700 mm

Specifications

Maximum recommended height	12 m
Weight	6.9 kg
Wind surface	1670 cm²
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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Colour temperatures Page 371

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Specifications

Maximum recommended height	12 m
Weight	7,3 kg
Wind surface	2000 cm²
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

Specifications

Maximum recommended height	12 m
Weight	5.8 kg
Wind surface	1930 cm²
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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Europa S

Width	490 mm
Height	675 mm
Length	490 mm

Europa LS

Width	
Height	
Length	

Specifications

Maximum recommended height	12 m
Weight	5.8 kg
Wind surface	1620 cm²
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

Globo S

Width	490 mm
Height	640 mm
Length	490 mm

Specifications

Maximum recommended height	12 m
Weight	5.9 kg
Wind surface	2500 cm²
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 %

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LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

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Specifications

Maximum recommended height	12 m
Weight	5.4 kg
Wind surface	1600 cm²
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 %

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LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

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Libra S

Width	490 mm
Height	605 mm
Length	490 mm

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 cm²
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 %

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LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

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Colour temperatures Page 371

PC AMBER 1800 2200 2700 3000

Standard colours Page 369

Pescador LS

Width	700 mm
Height	595 mm
Length	700 mm

Specifications

Maximum recommended height	12 m
Weight	7 kg
Wind surface	1670 cm²
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 %

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LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

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Alameda I

Specifications

Maximum recommended height	12 m
Weight	6.9 kg
Wind surface	1670 cm²
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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Colour temperatures Page 371

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Width	700 mm
Height	465 mm
Length	700 mm

Astral I

Specifications

Maximum recommended height	12 m
Weight	7.3 kg
Wind surface	2000 cm²
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 %

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LED15 LED25 LED35 LED55 LED75 LED100

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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 cm²
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

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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 cm²
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

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Specifications

Maximum recommended height	12 m
Weight	5.9 kg
Wind surface	2500 cm²
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

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Colour temperatures Page 371

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Standard colours Page 369

Globo I

Width	490 mm
Height	540 mm
Length	570 mm

Specifications

Maximum recommended height	12 m
Weight	5.3 kg
Wind surface	1650 cm²
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

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Globo LI

Width	490 mm
Height	450 mm
Length	570 mm

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 %

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LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

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Colour temperatures Page 371

PC AMBER 1800 2200 2700 3000

Standard colours Page 369

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 Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

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Luminaire: **Paseo A** (page 295) | Column: **Primera** (page 403)

Motion sensor

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

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.

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.

Base for supported luminaires

Accessory to place the luminaire on walls or pilasters.

Ceiling adapter

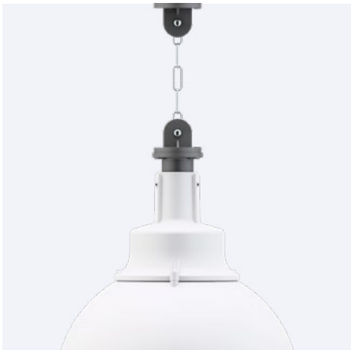
Accessory to suspend the luminaire from flat ceilings. Prevents swinging.

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.

LUMINAIRES

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

METRÓPOLI

Metrópoli LP 314

Metrópoli LBP 314

Metrópoli LBLC 315

Metrópoli LLC 315

Metrópoli EP 316

Metrópoli EBP 316

Metrópoli EBLC 317

Metrópoli ELC 317

Luminaire: **Metrópoli EBLC** (page 317)

Metrópoli LP

Width	505 mm
Height	200 mm
Length	590 mm

Specifications

Maximum recommended height	12 m
Weight	7 kg
Wind surface	880 cm²
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

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Metrópoli LBP

Width	505 mm
Height	230 mm
Length	590 mm

Specifications

Maximum recommended height	12 m
Weight	7.5 kg
Wind surface	1055 cm²
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

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Metrópoli LBLC

Specifications

Maximum recommended height	12 m
Weight	5.9 kg
Wind surface	1120 cm²
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

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Colour temperatures Page 371

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Standard colours Page 369

Width	505 mm
Height	230 mm
Length	590 mm

Metrópoli LLC

Specifications

Maximum recommended height	12 m
Weight	5.7 kg
Wind surface	1055 cm²
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

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

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Colour temperatures Page 371

PC AMBER 1800 2200 2700 3000

Standard colours Page 369

Metrópoli EP

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®	-

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LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

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Colour temperatures Page 371

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Metrópoli EBLC

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

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Colour temperatures Page 371

PC AMBER 1800 2200 2700 3000

Standard colours Page 369

Width	505 mm
Height	325 mm
Length	590 mm

Metrópoli ELC

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

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Colour temperatures Page 371

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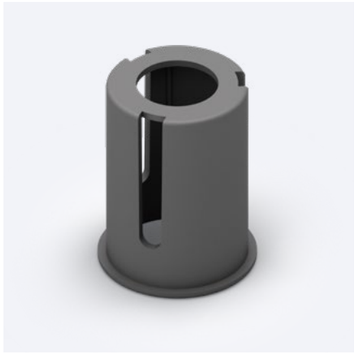
Standard colours Page 369

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.



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.

Coloured rings

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

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

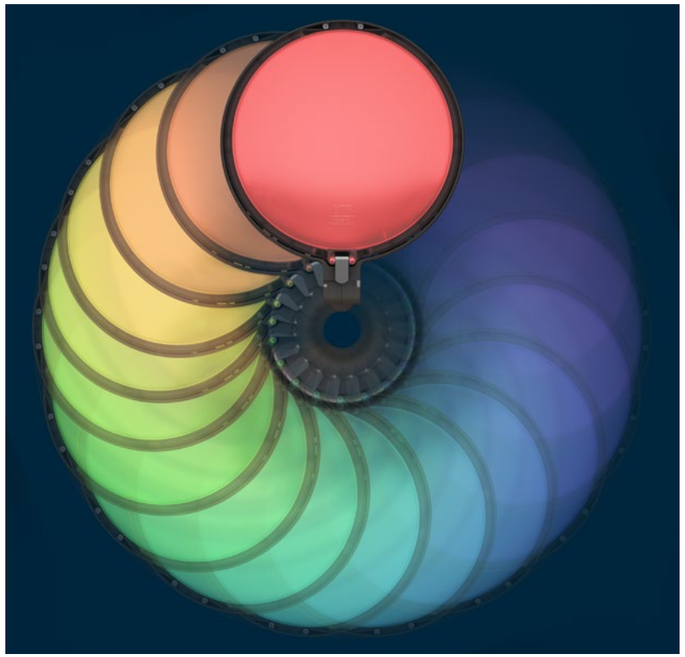
Metrópoli ELC Color 331

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

Backlit dynamic RGBW cover

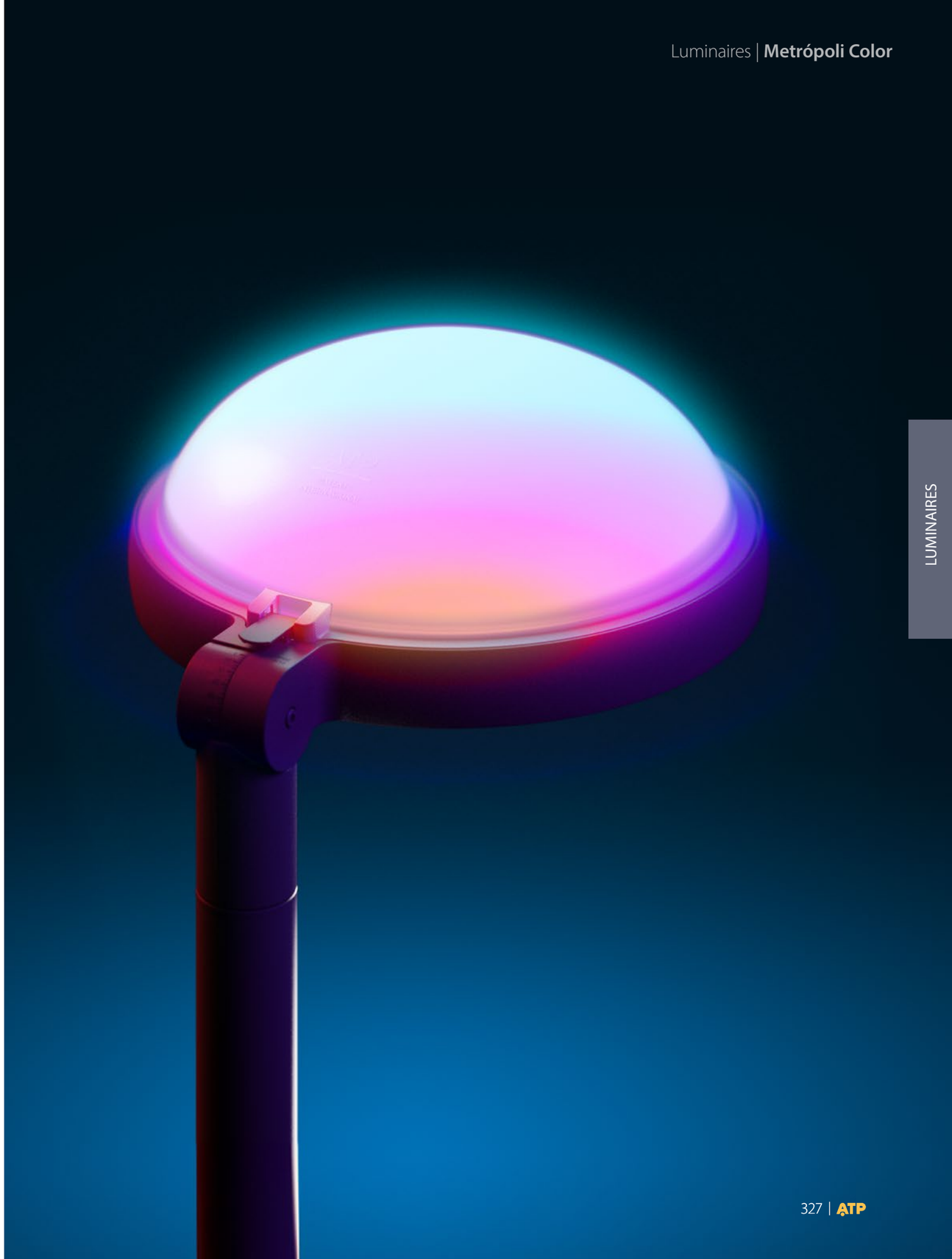
Remotely controlled, the RGBW backlit cover can reproduce over 250 million colors to create captivating lighting effects. The RGB system allows easy customization with multiple options, from solid colors to dynamic scenes with sequential changes.

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*

Specifications

Maximum recommended height	12 m
Weight	7 kg
Wind surface	880 cm²
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®	-

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LED15 LED25 LED35 LED55 LED75 LED100

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Colour temperatures Page 371

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Metrópoli LBLC *Color*

Specifications

Maximum recommended height	12 m
Weight	5.9 kg
Wind surface	1120 cm²
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 %

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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	7.5 kg
Wind surface	1055 cm²
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 Page 371

PC AMBER 1800 2200 2700 3000

Standard colours Page 369

Metrópoli LLC *Color*

Specifications

Maximum recommended height	12 m
Weight	5.7 kg
Wind surface	1055 cm²
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 cm²
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®	-

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 EBP *Color*

Width 505 mm
Height 300 mm
Length 590 mm

Specifications

Maximum recommended height	12 m
Weight	7.7 kg
Wind surface	1305 cm²
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®	-

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 *Color*

Specifications

Maximum recommended height	12 m
Weight	6 kg
Wind surface	1360 cm²
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 %

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

Width 505 mm
Height 325 mm
Length 590 mm

Metrópoli ELC *Color*

Specifications

Maximum recommended height	12 m
Weight	5.9 kg
Wind surface	1300 cm²
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 %

Power Page 371

LED15 LED25 LED35 LED55 LED75 LED100

Optics Page 372

A4 A5 A7 A9 A12 S2

Colour temperatures Page 371

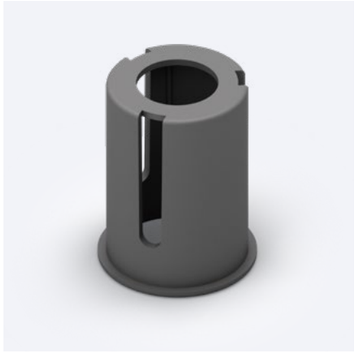
PC AMBER 1800 2200 2700 3000

Standard colours Page 369

Width 505 mm
Height 325 mm
Length 590 mm

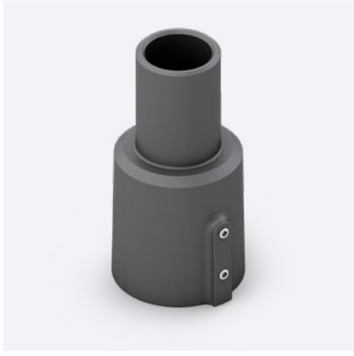
Adapter Ø 60 mm to Ø 50 mm

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



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.

Coloured rings

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

Luminaire: **Orión** (page 338) | Arm: **BP-100** (page 347) | Column: **Coliseo Plus** (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 cm²
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

Luminaire: **Orión** (page 338)

Dusk sensor

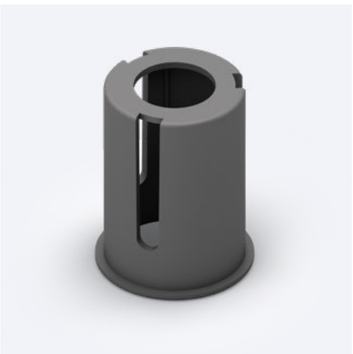
Accessory that responds to the changes of ambient light by turning the luminaire on or off.

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.

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.

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 448)

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 cm²
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

PC AMBER 1800 2200 2700 3000

Standard colours Page 369

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 cm²
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

Specifications

Maximum recommended height	14 m
Weight	11 kg
Wind surface	2250 cm²
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

Luminaire: **M Model Comfort** (page 355)

reddot winner 2021
lighting design

E SERIES FLOODLIGHT

S Model Transparent 354

S Model Comfort 354

M Model Transparent 355

M Model Comfort 355

reddot winner
lighting design

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 cm²
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

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 cm²
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 cm²
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

Specifications

Maximum recommended height	8 m
Weight	2.7 kg
Wind surface	620 cm²
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 cm²
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

Venus 2TLA

Width	633 mm
Height	675 mm
Length	633 mm

Specifications

Maximum recommended height	8 m
Weight	8 kg
Wind surface	3180 cm²
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

Venus OPS

Specifications

Maximum recommended height	12 m
Weight	8.1 kg
Wind surface	2320 cm²
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

Width	633 mm
Height	625 mm
Length	633 mm

Venus OLS

Specifications

Maximum recommended height	12 m
Weight	7.2 kg
Wind surface	2500 cm²
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

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 cm²
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 cm²
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 cm²
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

Specifications

Maximum recommended height	12 m
Weight	7.5 kg
Wind surface	3180 cm²
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.

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.

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.

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.

Luminaire: **Aire® Custom Flor** (page 180) | Arm: **FV-40 (5º)** (page 334) | 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

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

LED configurations

	Number of LEDs	LED current	Total power driver + module
15 W	12 LED	400 mA	15 W
25 W	12 LED	700 mA	27 W
34 W	16 LED	700 mA	35 W
35 W	24 LED	500 mA	38 W
55 W	24 LED	700 mA	53 W
65 W	24 LED	850 mA	65 W
75 W	24 LED	980 mA	75 W
80 W	36 LED	700 mA	79 W
95 W	36 LED	900 mA	97 W
100 W	48 LED	700 mA	102 W
120 W	48 LED	800 mA	121 W
125 W	60 LED	700 mA	126 W
145 W	60 LED	800 mA	143 W
150 W	72 LED	700 mA	152 W
200 W	96 LED	680 mA	196 W

Colour temperatures

PC ÁMBAR | 1800 K | 2200 K | 2700 K | 3000 K

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

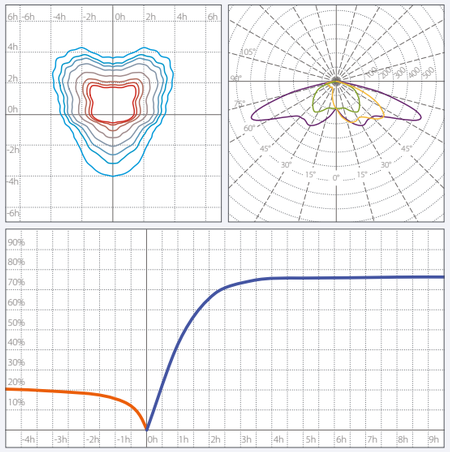
Specifications

Power supply	220-240 V 50-60 Hz
Power on demand	120-277 V 50-60 Hz
Power factor	0.95 (at 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.

A4 · Wide asymmetric

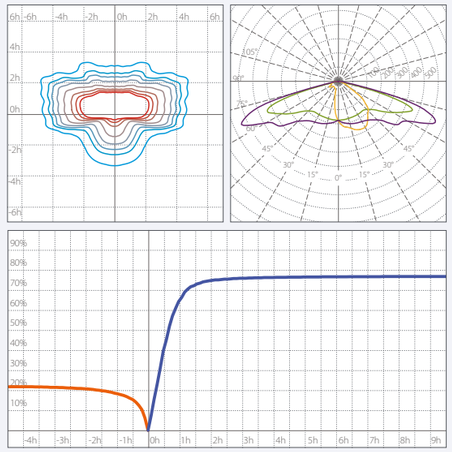


Temperatures: PC AMBER 1800 K 2200 K 2700 K

Available power:

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

A5 · Asymmetric

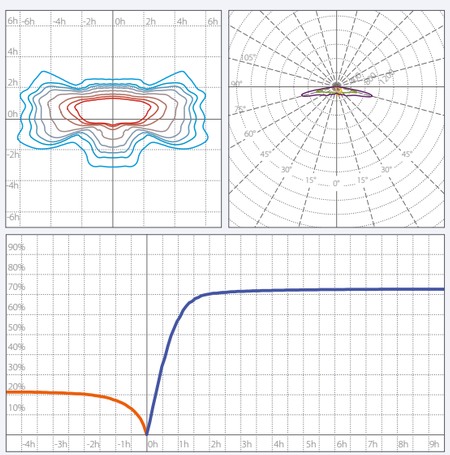


Temperatures: PC AMBER 1800 K 2200 K 2700 K

Available power:

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

A7 · Long asymmetric

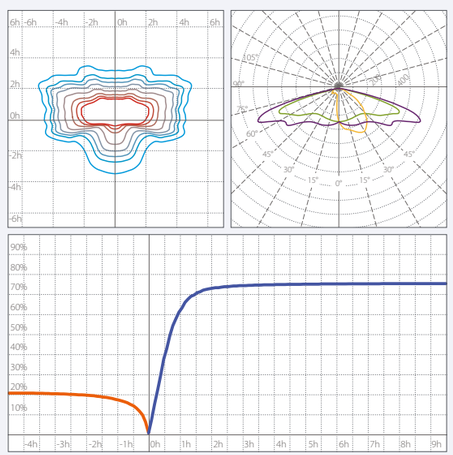


Temperatures: PC AMBER 1800 K 2200 K 2700 K

Available power:

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

A9 · Asymmetric

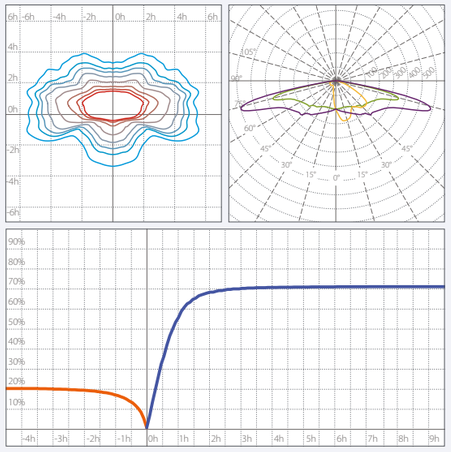


Temperatures: PC AMBER 1800 K 2200 K 2700 K

Available power:

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

A12 · Staggered symmetric

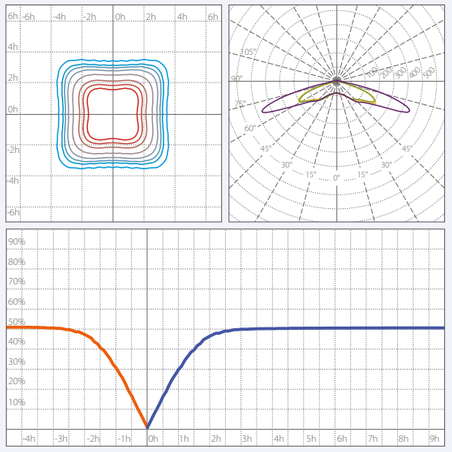


Temperatures: PC AMBER 1800 K 2200 K 2700 K

Available power:

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

S2 · Square symmetric

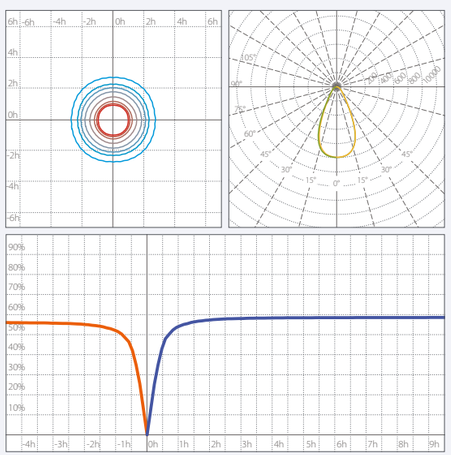


Temperatures: PC AMBER 1800 K 2200 K 2700 K

Available power:

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

P1 · Wide symmetric (50º)

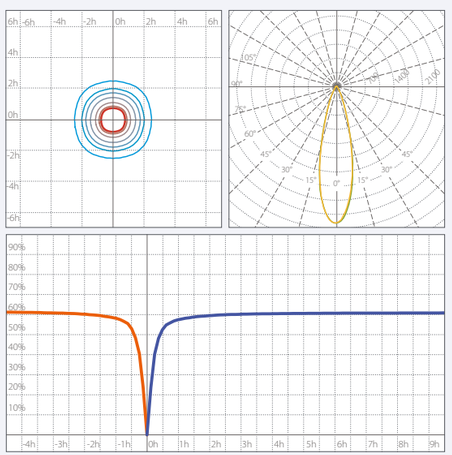


Temperatures: PC AMBER 1800 K 2200 K 2700 K

Available power:

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

P2 · Medium symmetric (25º)



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.

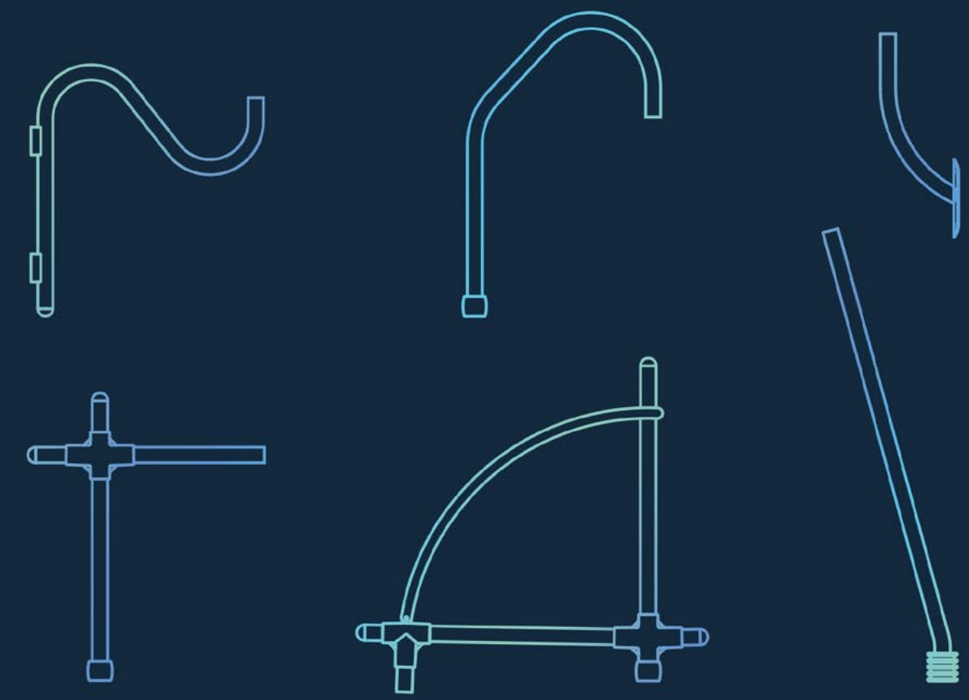
T5: High impact tropicalized transparent technopolymer T5. Chemical polished for maximum transparency and transmittance. Lighting performance superior to glass and 200 times more resistant. Subjected to 2000 hours in a UV chamber with no colour alteration.

Immune to corrosion

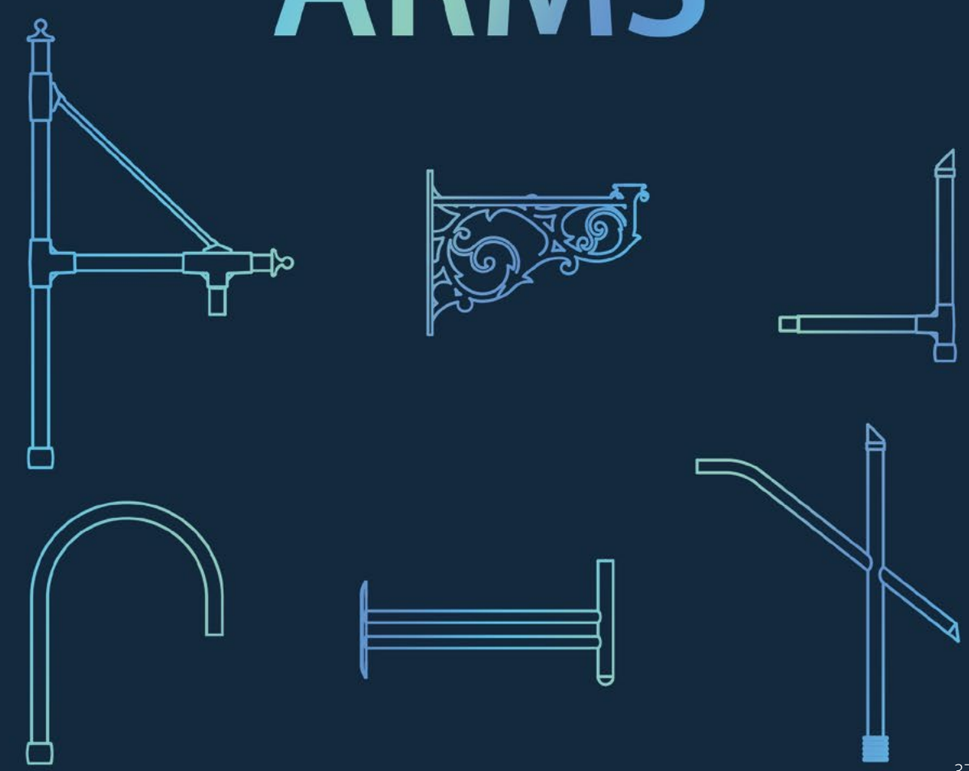
Anti electrocution

WARRANTY 10 YEAR

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

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DM-40 393

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DMH-100 395

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DPA 396

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FK-110 397

FV-70 (5º) 398

FV-80 399

FV-130 399

FX-100 400

FX-100 400

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AV-80 404

AV-100 405

BB-150 405

BB-200 406

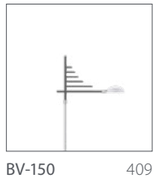
BB-300 406

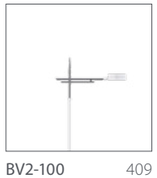
BF-8 407

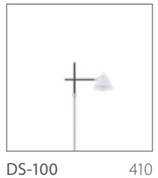
BP-100 407

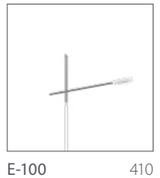
BP-150 408

BR-8 408


BV-150 409


BV2-100 409


DS-100 410


E-100 410

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FA-60 411

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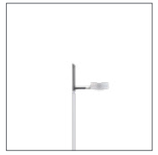
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MD-70 414

MS-35 415

MT-10 415

MT-25 416

MT-50 416

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BD-120 420

BG-60 420

BG-125 421

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DV-90 424

FC-100 424

FC-140 425

MK-100 425

MO-115 426

PM-85 426

PM-115 427

Luminaire: **Litoral S** (page 176) | Arm: **BS-70** (page 384) | Column: **Avenida** (page 456)

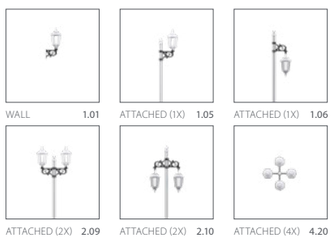
CLASSICS

BS-40

Luminaire:
Litoral A (page 173)

Specifications

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



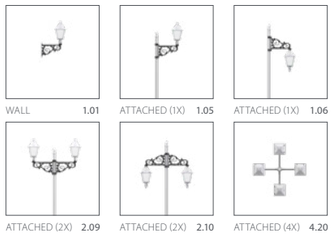
Standard colours Page 431

BS-70

Luminaire:
Villa XLA (page 158)

Specifications

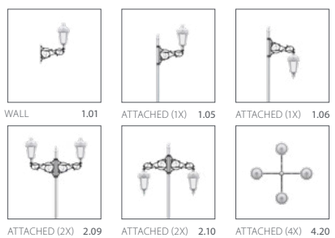
Coupling	-
Material	S7
Coating	-
Insulation class	Class II
Optional Class II	-
Comprehensive warranty	10 years



Standard colours Page 431

Specifications

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



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BS-90

Luminaire:
Siglo XLA (page 205)

Luminaire: **Aire® 3 Series floodlight** (page 348) | Arm: **A-1** (page 388) | Column: **Simple** (page 453)

CURVED

A-1

Luminaire:
Aire® Serie 3 (page 178)

Specifications

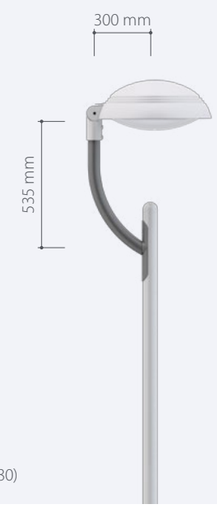
Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years

INTEGRATED (1X) **1.04**

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

Standard colours Page 431

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 Page 431

BCI-40

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**

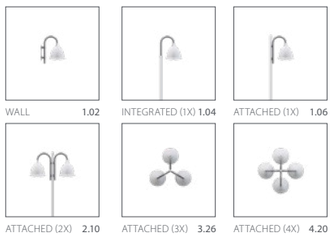
Standard colours Page 431

Luminaire:
Globo BLCI (page 304)

CD-45

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 Page 431

Luminaire:
Venus OLS (page 361)

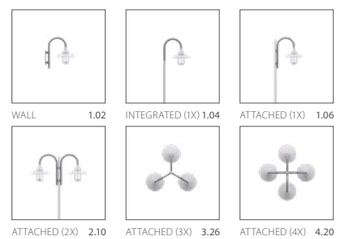
ARMS

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



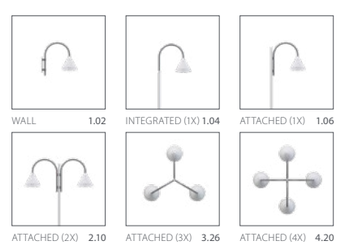
Standard colours Page 431

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 Page 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 Page 431

CDI-40

Luminaire:
Globo BLCI (page 304)

Specifications

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

Standard colours Page 431

CDI-80

Luminaire:
Astral BLCI (page 242)

CDI-160

Luminaire:
Astral LI (page 242)

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

Page 431

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

Standard colours

Page 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

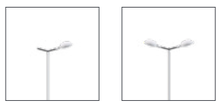
Page 431

DC-100

Luminaire:
Malaki XLTA2 (page 203)

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

Page 431

DM-40

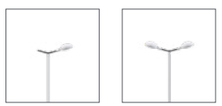
Luminaire:
Metrópoli LLC (page 315)

DM-100

Luminaire:
Metrópoli 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 Page 431

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

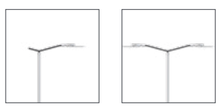
INTEGRATED(1X) **1.04** INTEGRATED (2X) **2.10**

Standard colours Page 431

DMH-100

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**

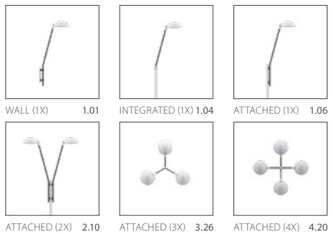
Standard colours Page 431

Luminaire:
Aire® 7 Series (page 179)

DP-150

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 Page 431

Luminaire:
Evolución LC (page 280)

ARMS

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 Page 431

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

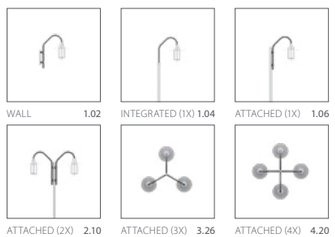
WALL **1.01** ATTACHED (1X) **1.04** ATTACHED (2X) **2.11**

Standard colours Page 431

FK-75

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**

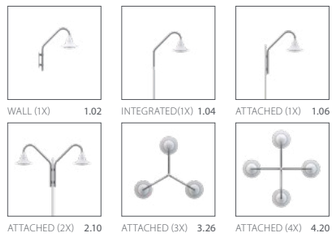
Standard colours Page 431

Luminaire:
Alfa 5S (page 191)

FK-110

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 Page 431

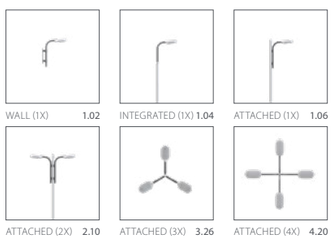
Luminaire:
Pescador LS (page 300)

FV-40 (5º)

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



Standard colours

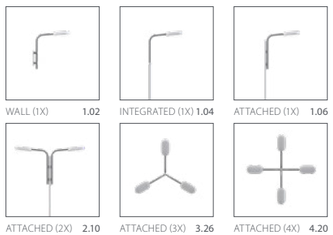
Page 431

FV-70 (5º)

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



Standard colours

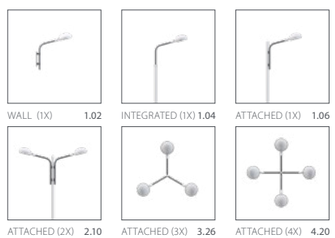
Page 431

FV-80

Luminaire:
Metrópoli 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



Standard colours

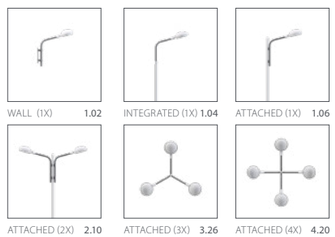
Page 431

FV-130

Luminaire:
Metrópoli 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



Standard colours

Page 431

FX-100

Luminaire:
Metrópoli 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) 1.02 | ATTACHED (1X) 1.06 | ATTACHED (2X) 2.10

Standard colours

Page 431

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

Luminaire: **Evolución LC** (page 220) | Arm: **MT-50** (page 416)

STRAIGHT

AV-60

Luminaire:
Evolución LC (page 220)

Specifications

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

Standard colours Page 431

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

Standard colours Page 431

NOM UK CA IEC IECEE 01 CE

Specifications

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

Standard colours Page 431

AV-100

Luminaire:
Enur L (page 212)

Specifications

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

Standard colours Page 431

BB-150

Luminaire:
Pescador LS (page 240)

NOM UK CA IEC IECEE 01 CE

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 Page 431

BB-300

Luminaire:
Venus 2OLS (page 303)

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 Page 431

NOM UK CA IEC IECEE 01 CE

Specifications

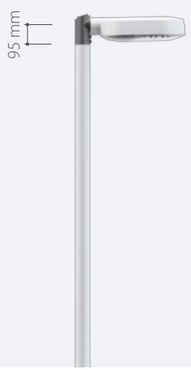
Coupling	50 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class II
Optional Class II	Yes
Comprehensive warranty	10 years

INTEGRATED (1X) **1.04**

INTEGRATED (2X) **2.10**

Standard colours Page 431

BF-8



Luminaire:
Enur Micro (page 213)

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**

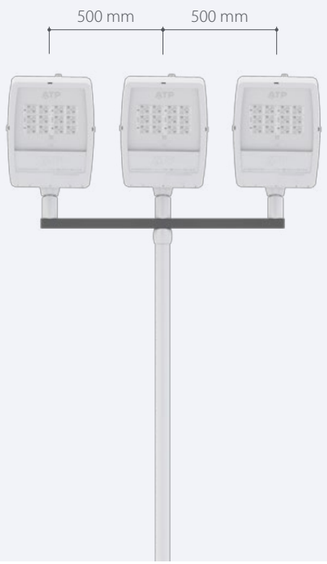
Standard colours Page 431

BP-100

Luminaire:
Orión (page 278)

NOM UK CA IEC IECEE 01 CE

BP-150



Luminaire:
Orión (page 278)

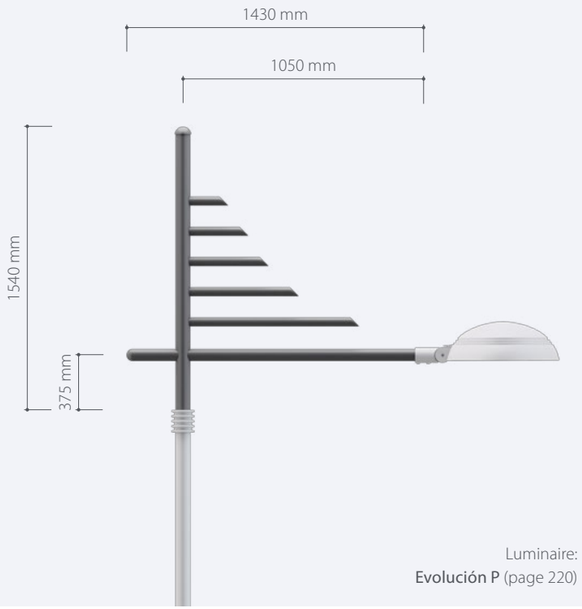
Specifications

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 Page 431

BV-150



Luminaire:
Evolución P (page 220)

Specifications

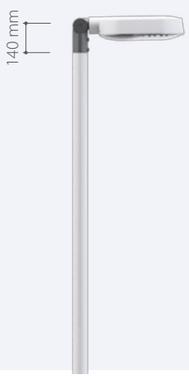
Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	No
Comprehensive warranty	10 years

INTEGRATED (1X) **1.04**

INTEGRATED (2X) **2.09**

Standard colours Page 431

BR-8



Luminaire:
Enur Micro (page 213)

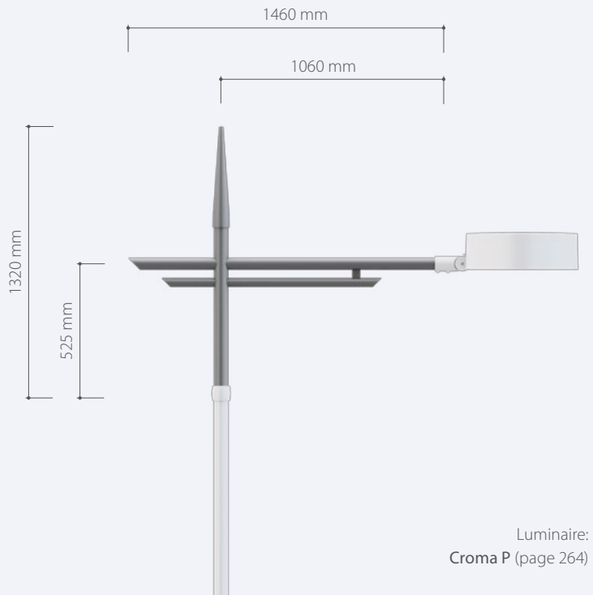
Specifications

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 Page 431

BV2-100



Luminaire:
Croma P (page 264)

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 Page 431

DS-100

Luminaire:
Cónica OLH (page 193)

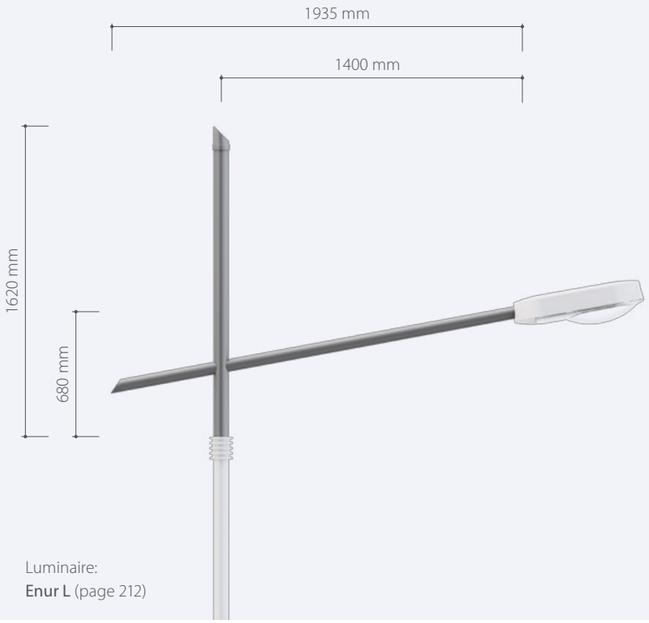
Specifications

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 Page 431

E-100



Luminaire:
Enur L (page 212)

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 Page 431

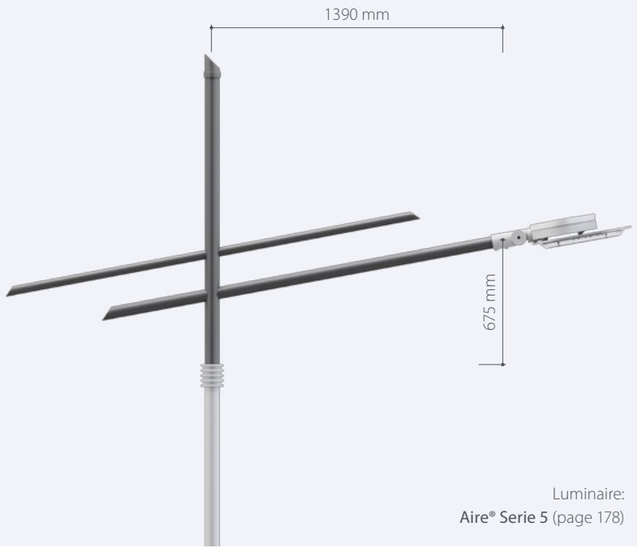
Specifications

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 Page 431

ED-100



Luminaire:
Aire® Serie 5 (page 178)

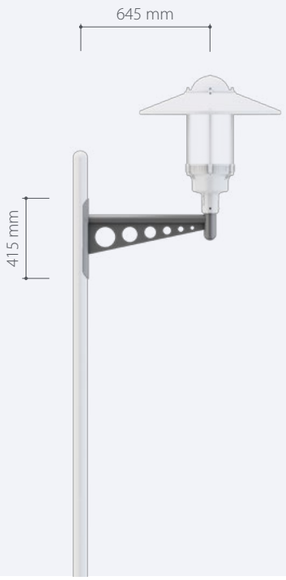
Specifications

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 Page 431

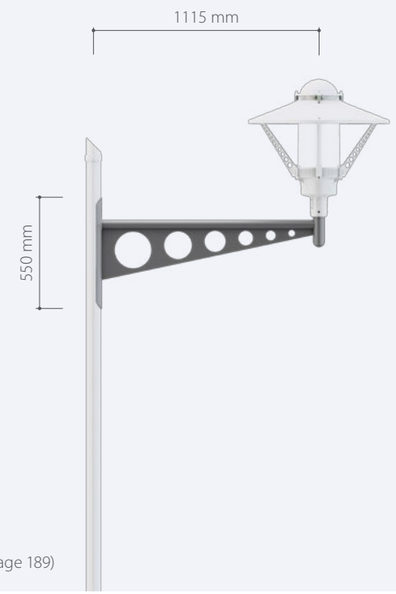
FA-60



Luminaire:
Alfa 8A (page 189)

ARMS

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

Standard colours Page 431

FD-100

Luminaire:
Metrópoli 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

Standard colours Page 431

FD-150

Specifications

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

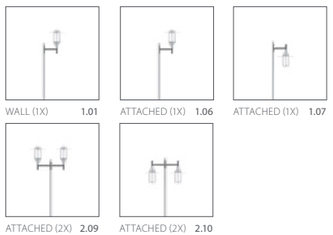
Standard colours Page 431

Luminaire:
Metrópoli EBP (page 316)

FS-45

Specifications

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



Standard colours Page 431

Luminaire:
Alfa 5S (page 191)

ARMS

MD-50

Luminaire:
Croma LC (page 204)

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

Page 431

MD-70

Luminaire:
Evolución LC (page 220)

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

Page 431

MS-35

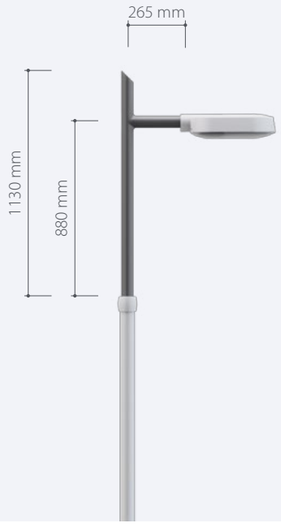
Specifications

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

Page 431



Luminaire:
Enur Micro (page 213)

MT-10

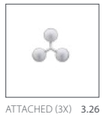
Specifications

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

WALL **1.02**

ATTACHED (1X) **1.06**

ATTACHED (2X) **2.10**



ATTACHED (3X) **3.26**

ATTACHED (4X) **4.20**

Standard colours

Page 431

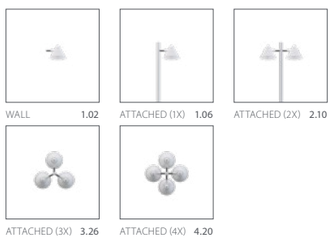
Luminaire:
Metrópoli ELC (page 317)

MT-25

Luminaire:
Cónica OLH (page 193)

Specifications

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



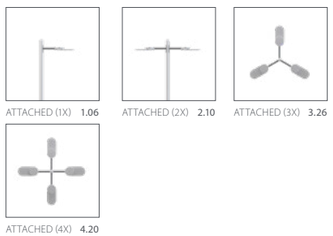
Standard colours Page 431

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	5º o 15º

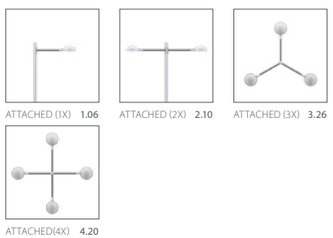


Standard colours Page 431

MT-100

Specifications

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



Standard colours Page 431

Luminaire:
Metrópoli LBLC (page 315)

ARMS

Luminaire: **Paseo S** (page 239) | Arm: **BG-60** (page 420) | Column: **Nova** (page 399)

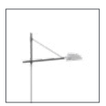
BRACES

BD-120

Luminaire:
Orión (page 278)

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

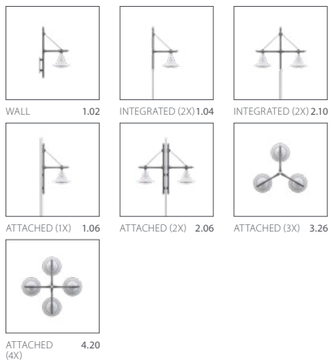
Page 431

BG-60

Luminaire:
Pescador LS (page 240)

Specifications

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

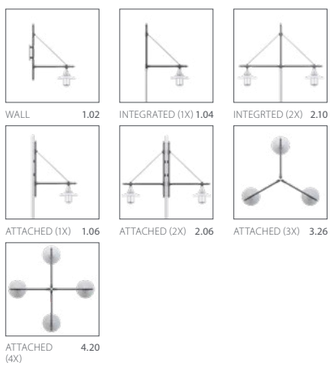

WALL 1.02
INTEGRATED (2X) 1.04
INTEGRATED (2X) 2.10
ATTACHED (1X) 1.06
ATTACHED (2X) 2.06
ATTACHED (3X) 3.26
ATTACHED (4X) 4.20

Standard colours

Page 431

Specifications

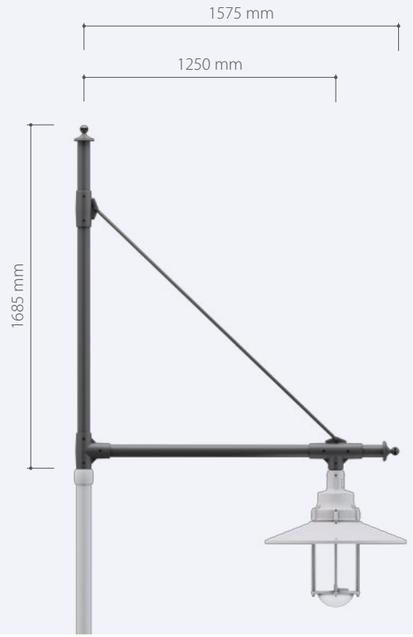
Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	Yes
Comprehensive warranty	10 years


WALL 1.02
INTEGRATED (1X) 1.04
INTEGRTED (2X) 2.10
ATTACHED (1X) 1.06
ATTACHED (2X) 2.06
ATTACHED (3X) 3.26
ATTACHED (4X) 4.20

Standard colours

Page 431

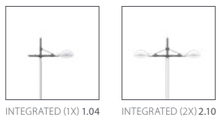
BG-125



Luminaire:
Alfa 5S (page 191)

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

Page 431

BM-60

Luminaire:
Metrópoli LBLC (page 315)

BM-100

Luminaire:
Croma LC (page 204)

Specifications

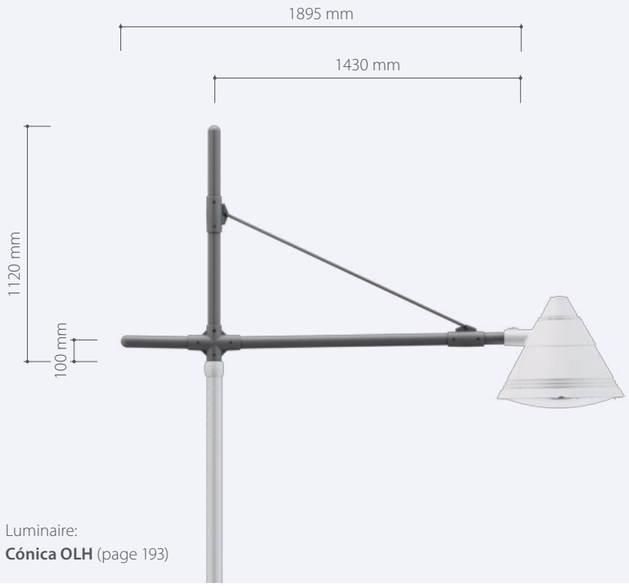
Coupling	60 mm
Material	Galvanized steel
Coating	Polyester paint
Insulation class	Class I
Optional Class II	Yes
Comprehensive warranty	10 years

INTEGRATED (1X) **1.04**

INTEGRATED (2X) **2.10**

Standard colours Page 431

BM-150



Luminaire:
Cónica OLH (page 193)

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 Page 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 Page 431

DMK-100

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) **1.06**

ATTACHED (2X) **2.10**

Standard colours Page 431

DT-90

Luminaire:
Cónica OPS (page 195)

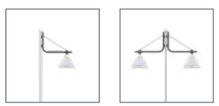
ARMS

DV-90

Luminaire:
Cónica OPS (page 195)

Specifications

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



Standard colours

Page 431

FC-100

Luminaire:
Venus 2OLS (page 303)

Specifications

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

Standard colours

Page 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

Page 431

FC-140

Luminaire:
Venus 2OLS (page 303)

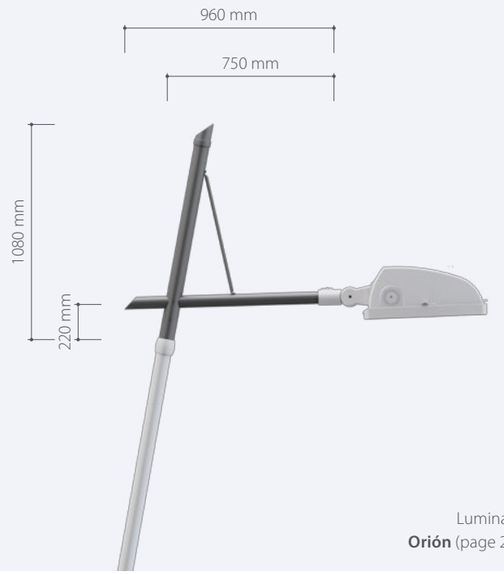
Specifications

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

Standard colours

Page 431

MK-100



Luminaire:
Orión (page 278)

MO-115

Luminaire:
Metrópoli 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

ATTACHED (1X) **1.04** ATTACHED (1X) **1.05** ATTACHED (2X) **2.10**

ATTACHED (2X) **2.11**

Standard colours

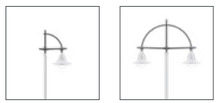
Page 431

PM-85

Luminaire:
Pescador S (page 240)

Specifications

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



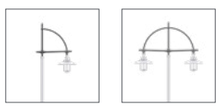
INTEGRATED (1X) **1.04** INTEGRATED (2X) **2.10**

Standard colours

Page 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

Page 431

PM-115

Luminaire:
Alfa 5S (page 191)

ARMS

Attached anchor

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

Anchor for ATP columns

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

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.

Integrated in column

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

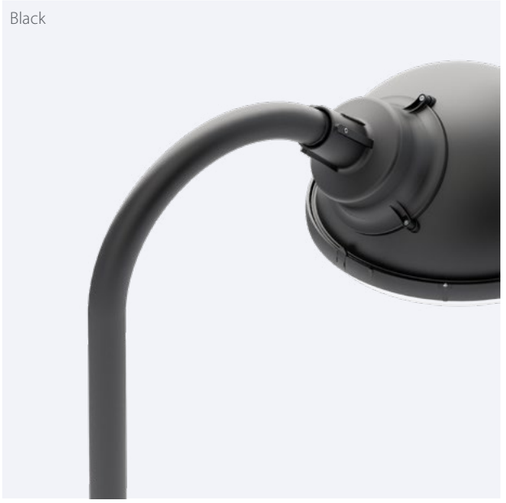
Wall adapter

Double attachment accessory to fix arms to the wall.

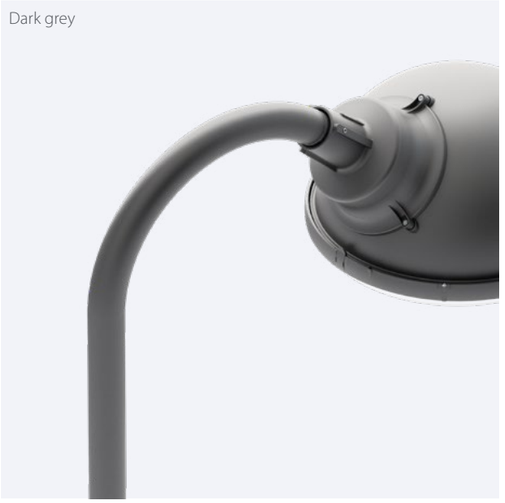
Standard colours and special colours

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

Black



Dark grey



Light grey

Green

Luminaire: **Globo BLCI** (page 244) | Arm: **CDI-40** (page 327) | Column: **Atlas** (page 446)

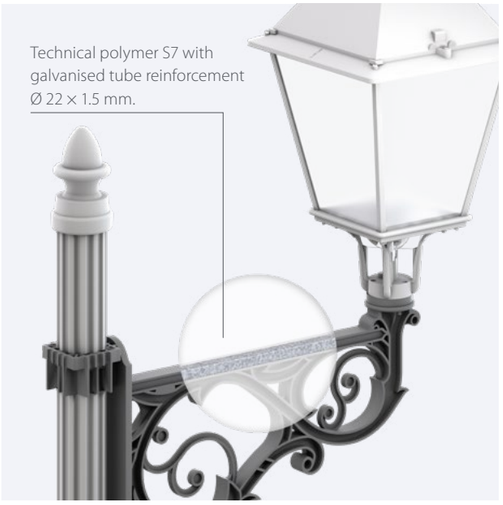
Technical specifications

Class I

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

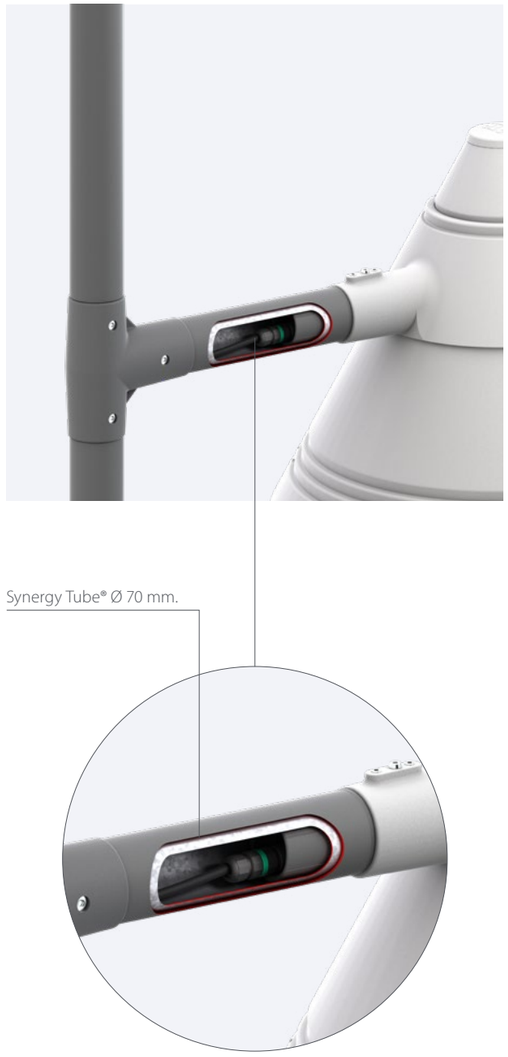
Class II

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.

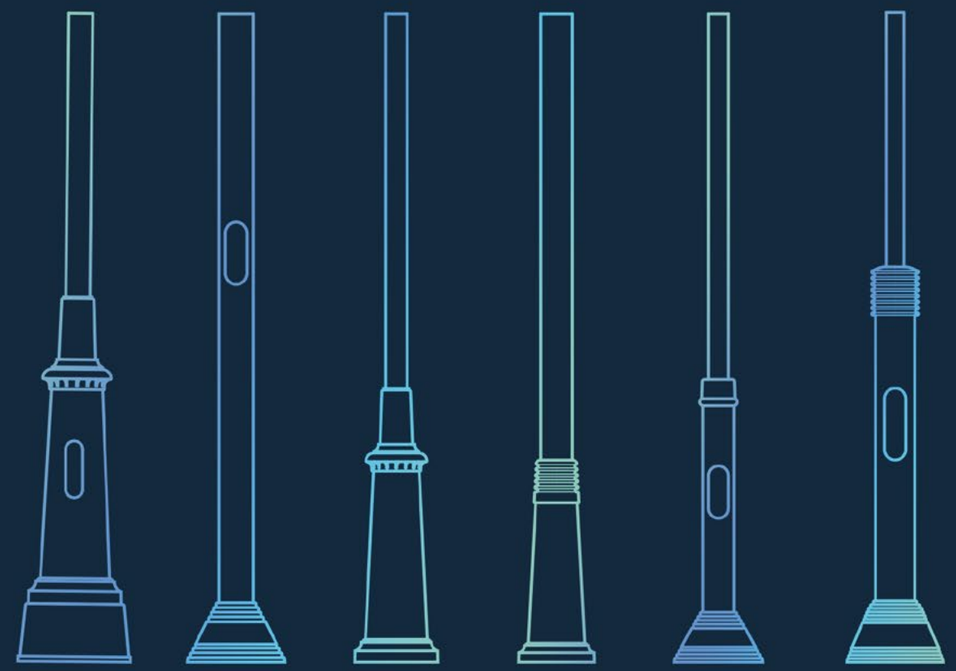


Immune to corrosion

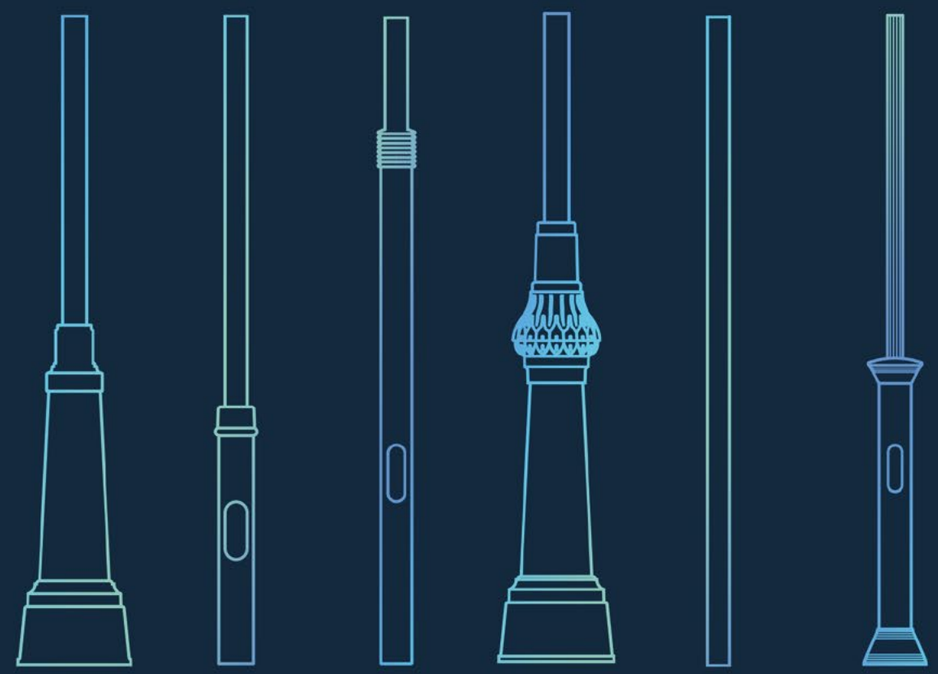
IP66+ Totally hermetic

IK10+ Beyond vandal proof

Class II+ anti-electrocution



COLUMNS



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Avenida
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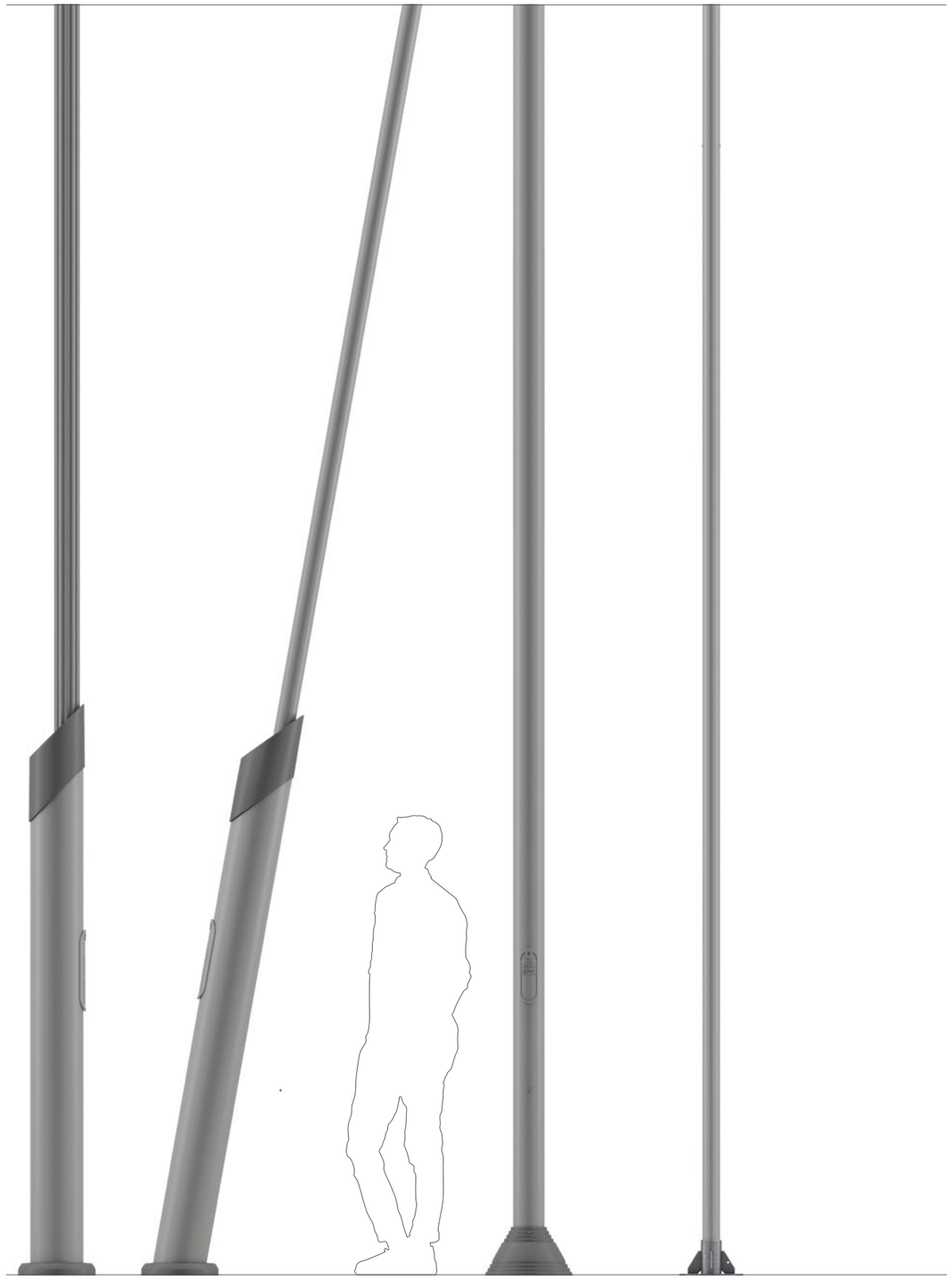
Columns | **Functional**



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Olimpo
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Atlas Plus
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Luminaire: **Evolución LC** (page 220) | Column: **Matrix I** (page 450)

FUNCTIONAL

Aruca

Specifications

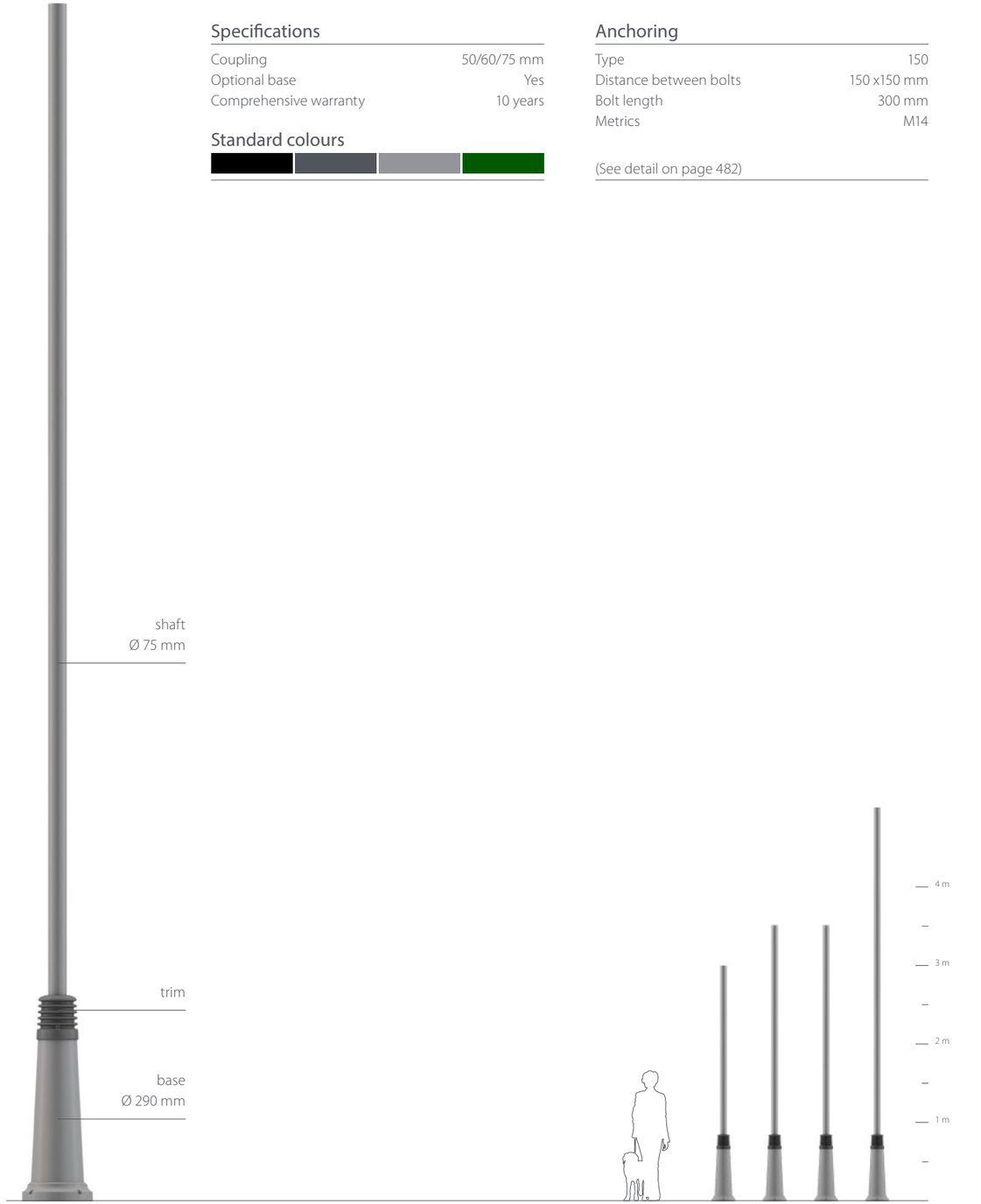
Coupling	50/60/75 mm
Optional base	Yes
Comprehensive warranty	10 years

Standard colours

Anchoring

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

(See detail on page 482)



3 m	3.5 m	4 m	5 m	Height
150	150	150	150	Anchoring
ARU-030	ARU-035	ARU-040	ARU-050	Reference

Apolo

Specifications

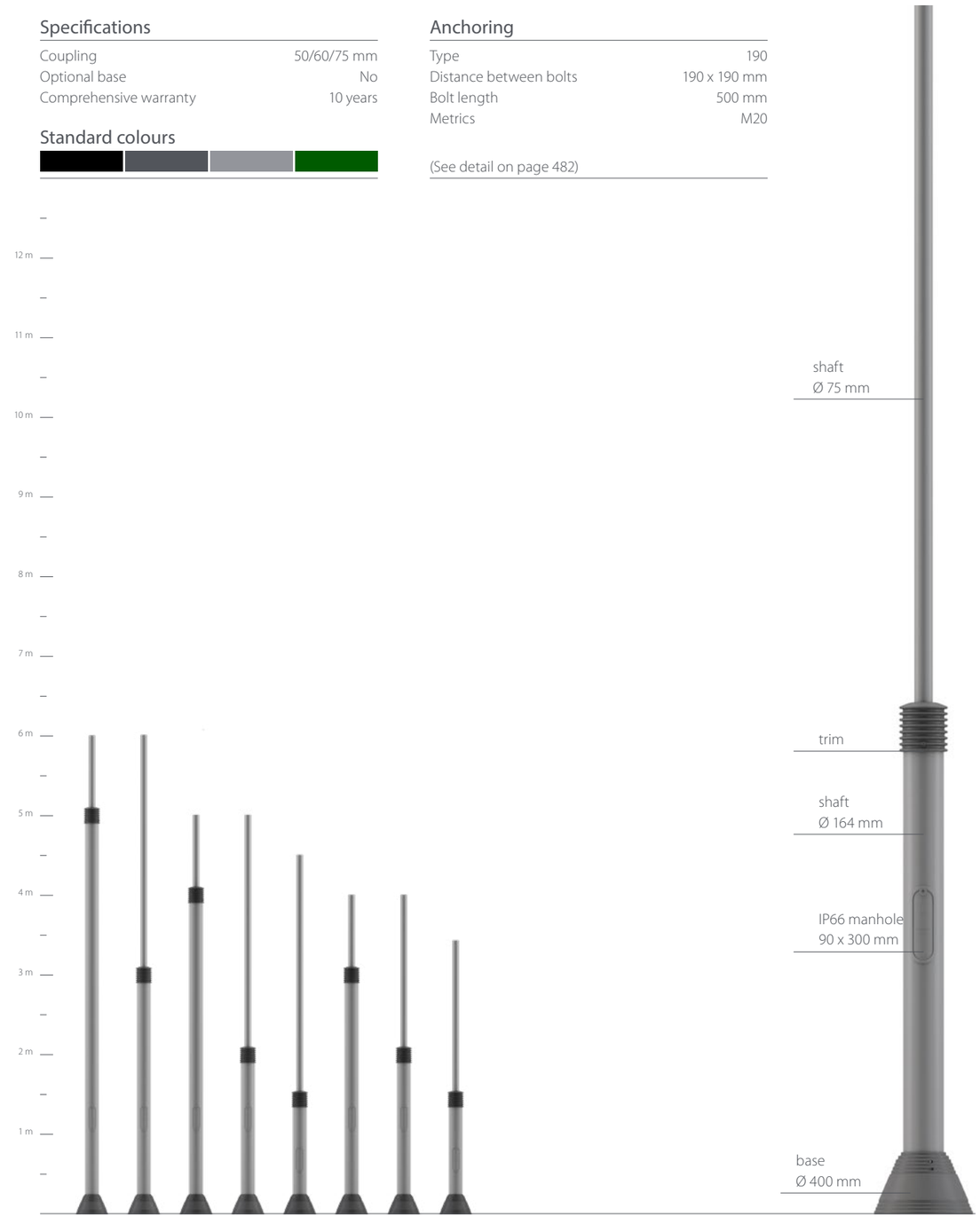
Coupling	50/60/75 mm
Optional base	No
Comprehensive warranty	10 years

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

Atlas

Specifications

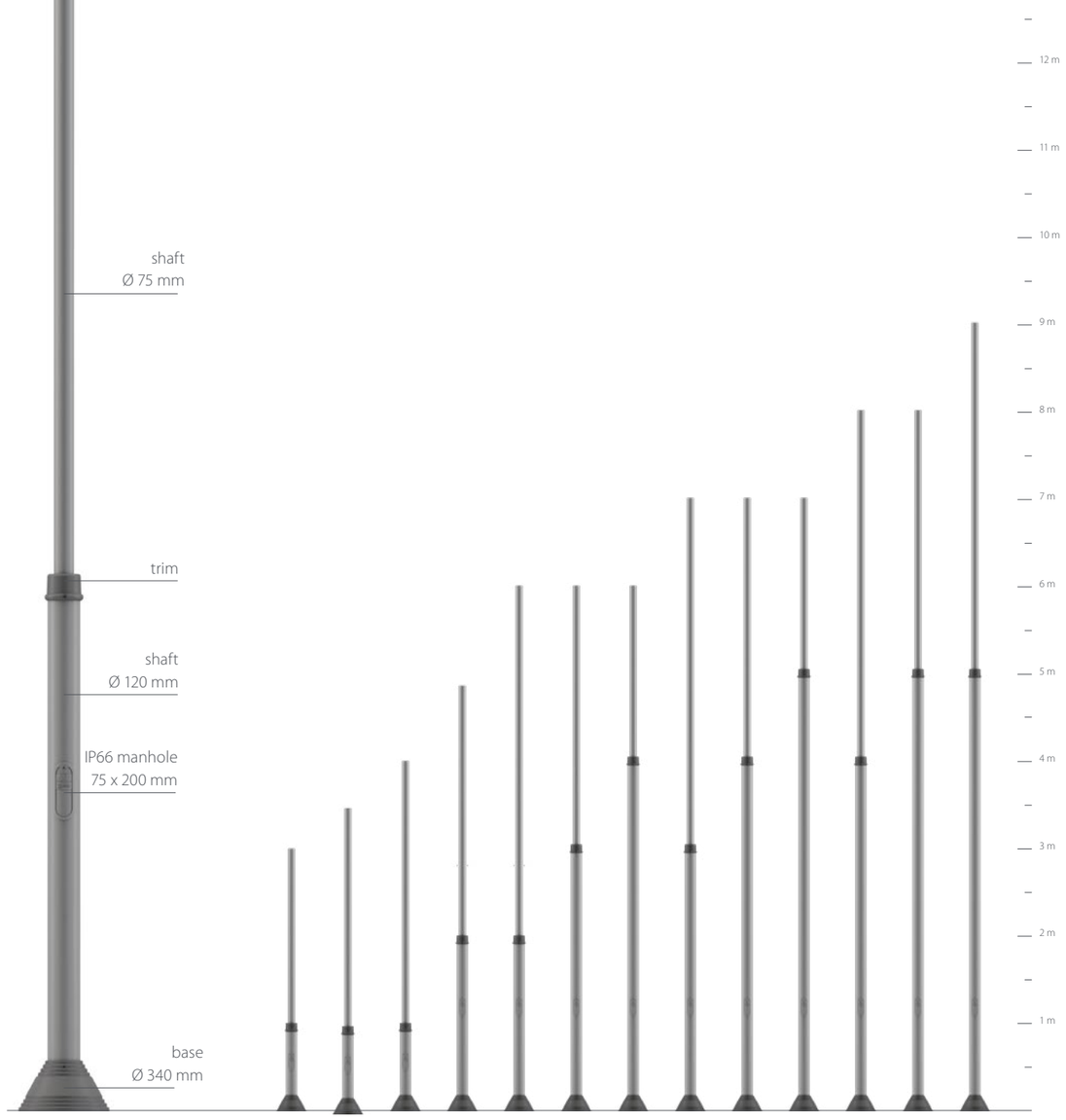
Coupling	50/60/75 mm
Optional base	No
Comprehensive warranty	10 years

Standard colours

Anchoring

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

(See detail on page 482)



Height	Anchoring	Reference
3 m (1+2)	160	ATL-030
3.5 m (1+2.5)	160	ATL-035
4 m (1+3)	160	ATL-040
5 m (2+3)	160	ATL-050
6 m (2+4)	160	ATL-060
6 m (3+3)	160	ATL-060-B
6 m (4+2)	160	ATL-060-C
7 m (3+4)	160	ATL-070
7 m (4+3)	160	ATL-070-B
7 m (5+2)	160	ATL-070-C
8 m (4+4)	160	ATL-080
8 m (5+3)	160	ATL-080-B
9 m (5+4)	160	ATL-090

Coliseo

Specifications

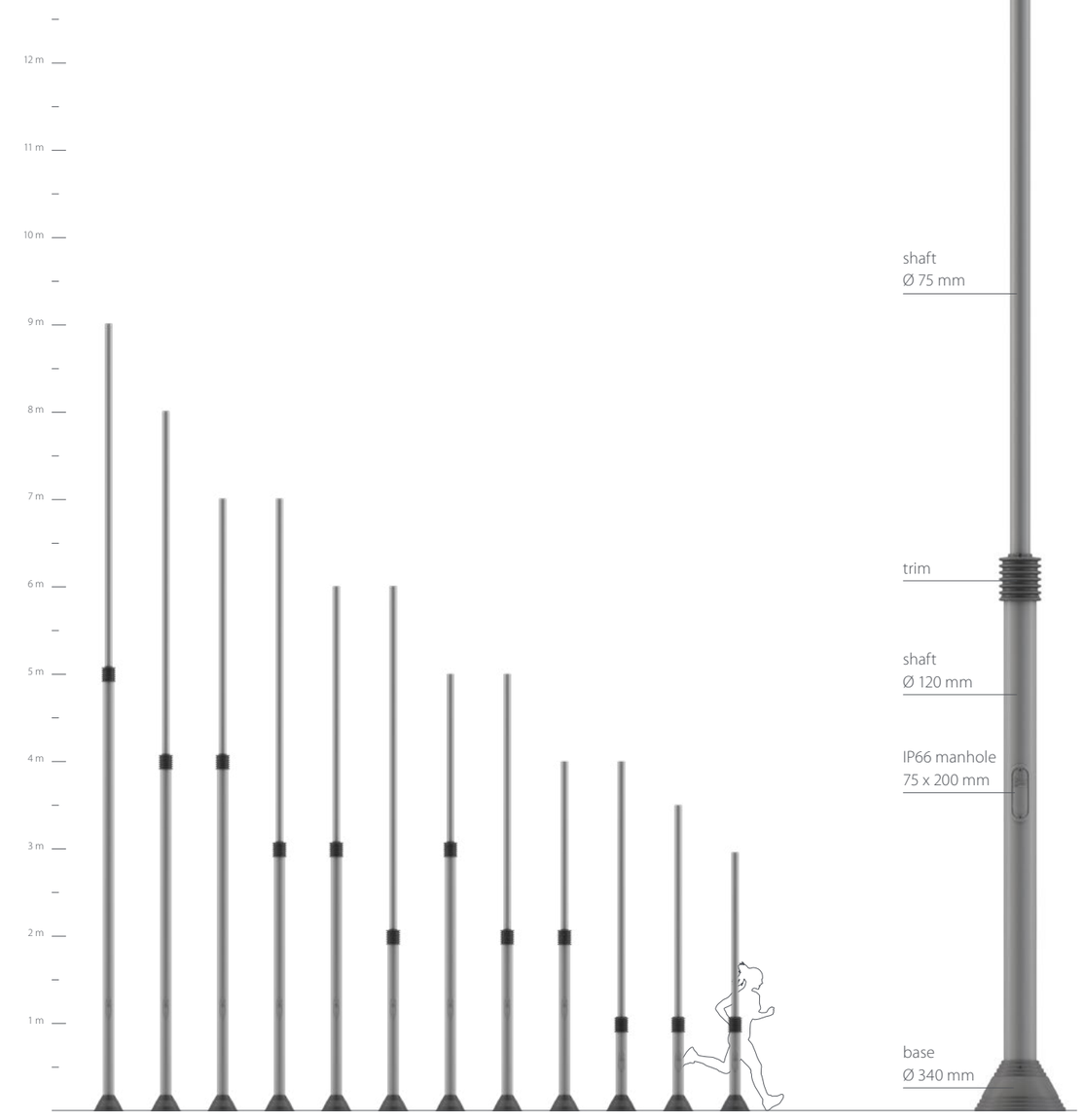
Coupling	50/60/75 mm
Optional base	Yes
Comprehensive warranty	10 years

Standard colours

Anchoring

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

(See detail on page 482)



Height	Anchoring	Reference
9 m (5+4)	160	CLI-090
8 m (4+4)	160	CLI-080
7 m (4+3)	160	CLI-070-B
7 m (3+4)	160	CLI-070
6 m (3+3)	160	CLI-060-B
6 m (2+4)	160	CLI-060
5 m (3+2)	160	CLI-050-B
5 m (2+3)	160	CLI-050
4 m (2+2)	160	CLI-040-B
4 m (1+3)	160	CLI-040
3.5 m (1+2.5)	160	CLI-035
3 m (1+2)	160	CLI-030

Matrix

Specifications

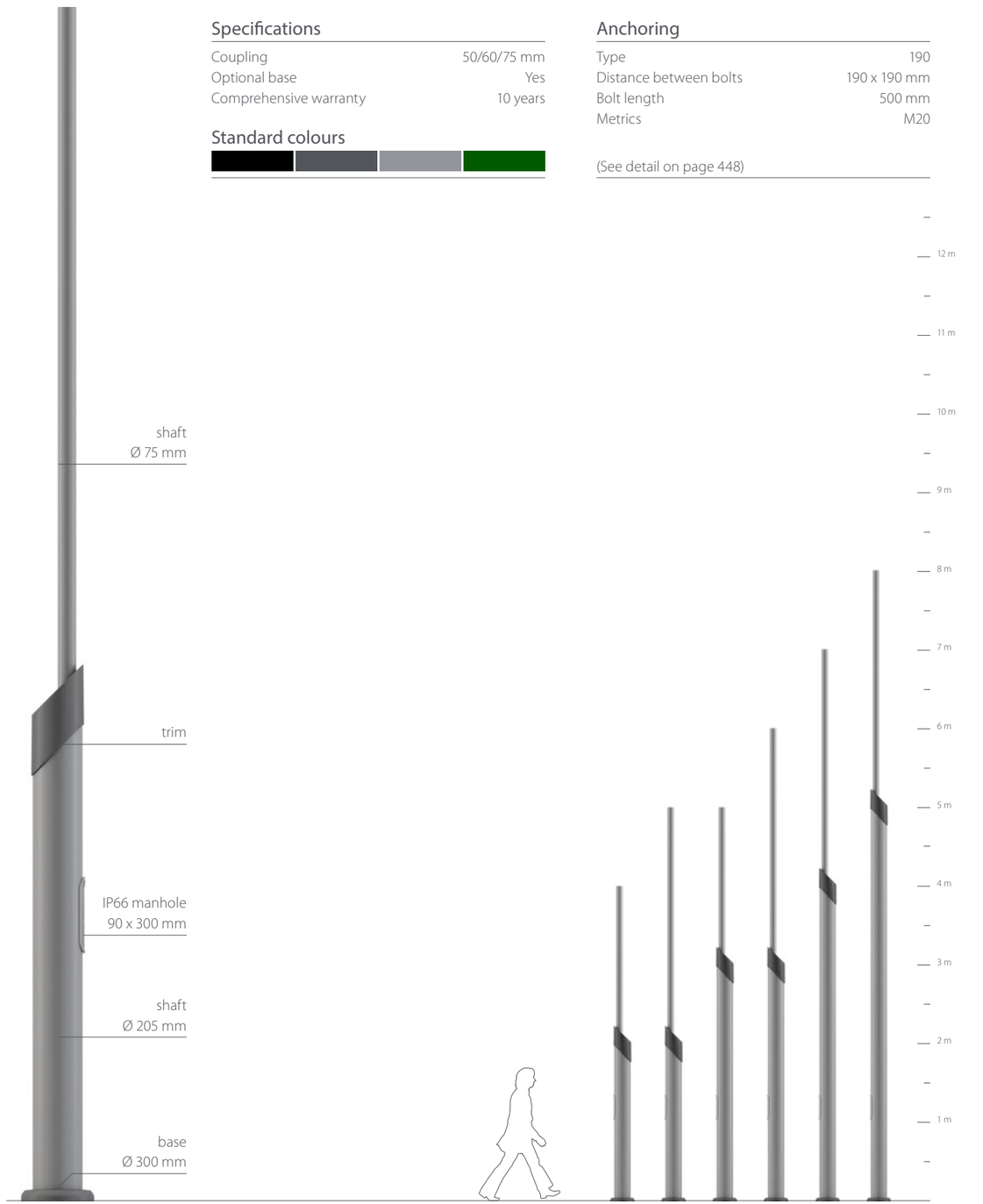
Coupling	50/60/75 mm
Optional base	Yes
Comprehensive warranty	10 years

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)	Height
190	190	190	190	190	190	Anchoring
MAT-040	MAT-050	MAT-050-B	MAT-060	MAT-070	MAT-080	Reference

Matrix E

Specifications

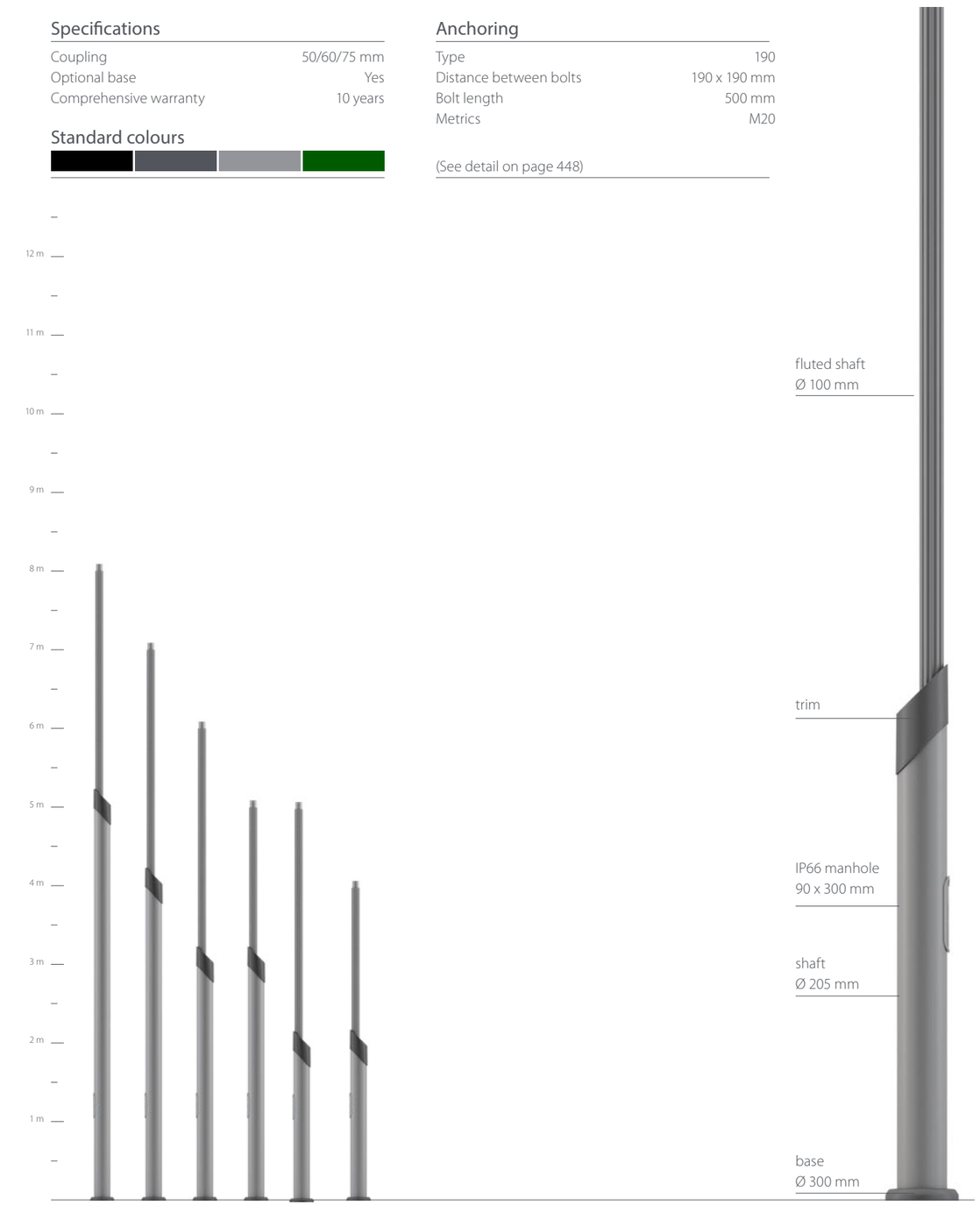
Coupling	50/60/75 mm
Optional base	Yes
Comprehensive warranty	10 years

Standard colours

Anchoring

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

(See detail on page 448)



Height	8 m (5+3)	7 m (4+3)	6 m (3+3)	5 m (3+2)	5 m (2+3)	4 m (2+2)
Anchoring	190	190	190	190	190	190
Reference	MAT-E-080	MAT-E-070	MAT-E-060	MAT-E-050-B	MAT-E-050	MAT-E-040

Matrix I

Specifications

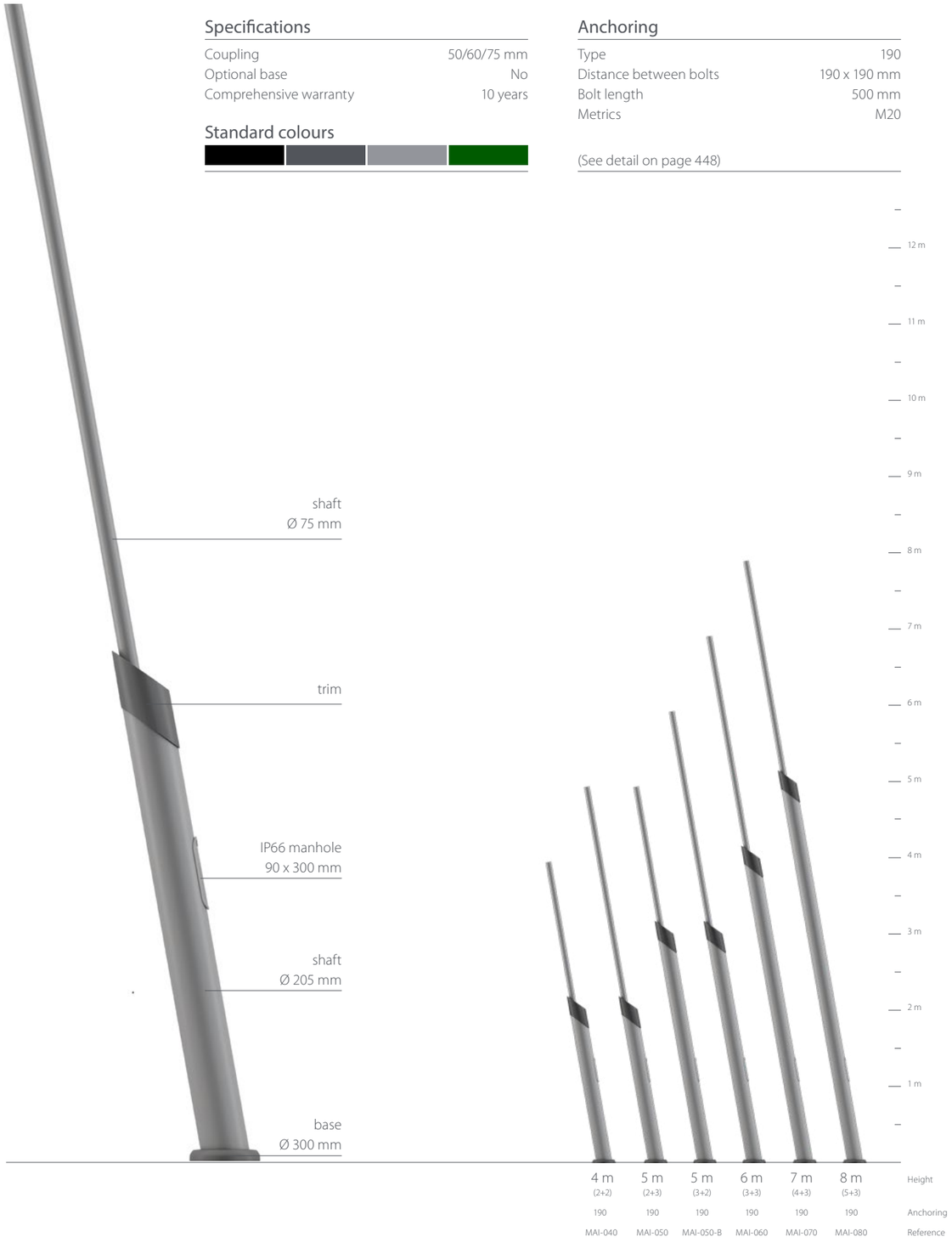
Coupling	50/60/75 mm
Optional base	No
Comprehensive warranty	10 years

Standard colours

Anchoring

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

(See detail on page 448)



Olimpo

Specifications

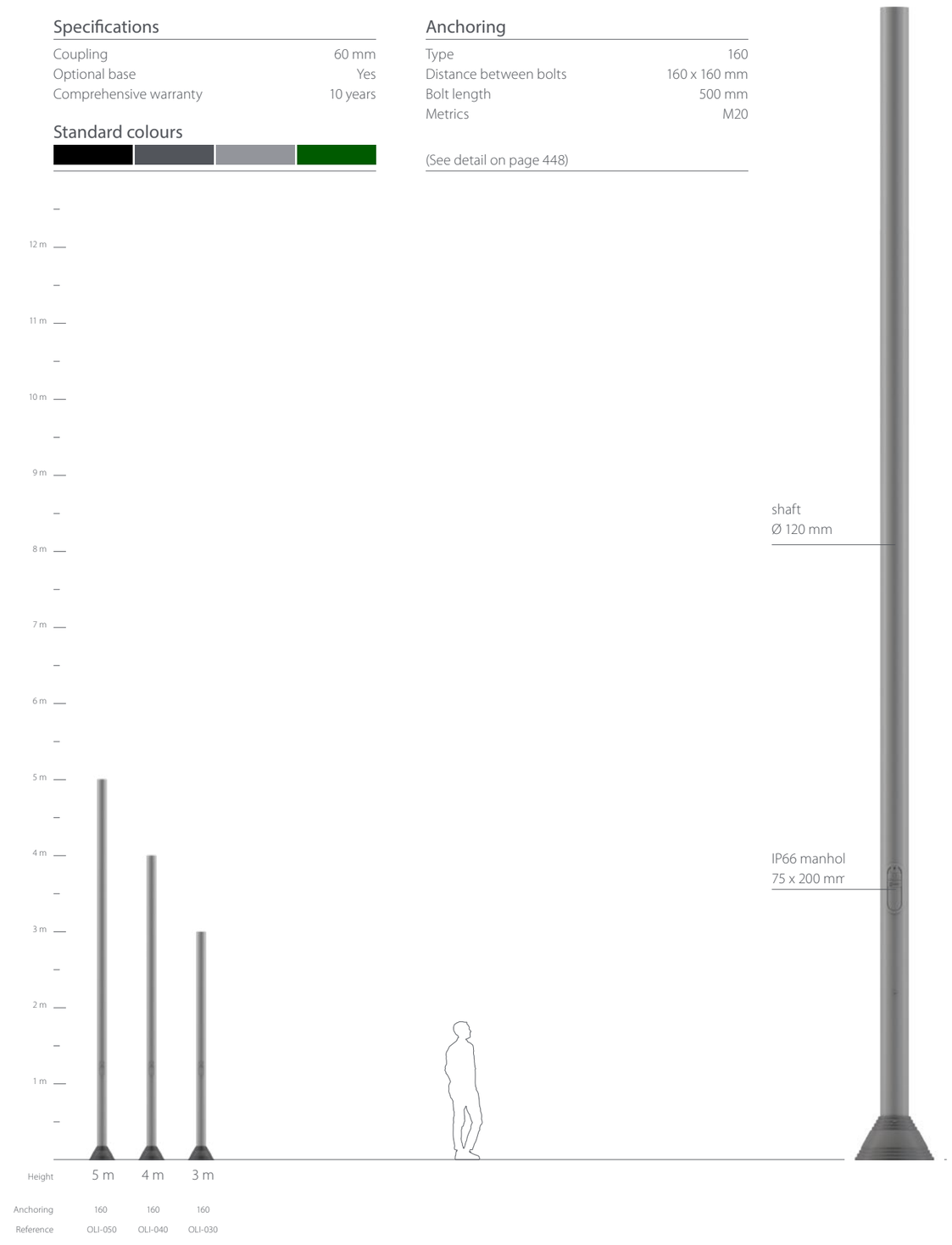
Coupling	60 mm
Optional base	Yes
Comprehensive warranty	10 years

Standard colours

Anchoring

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

(See detail on page 448)



Simple

Specifications

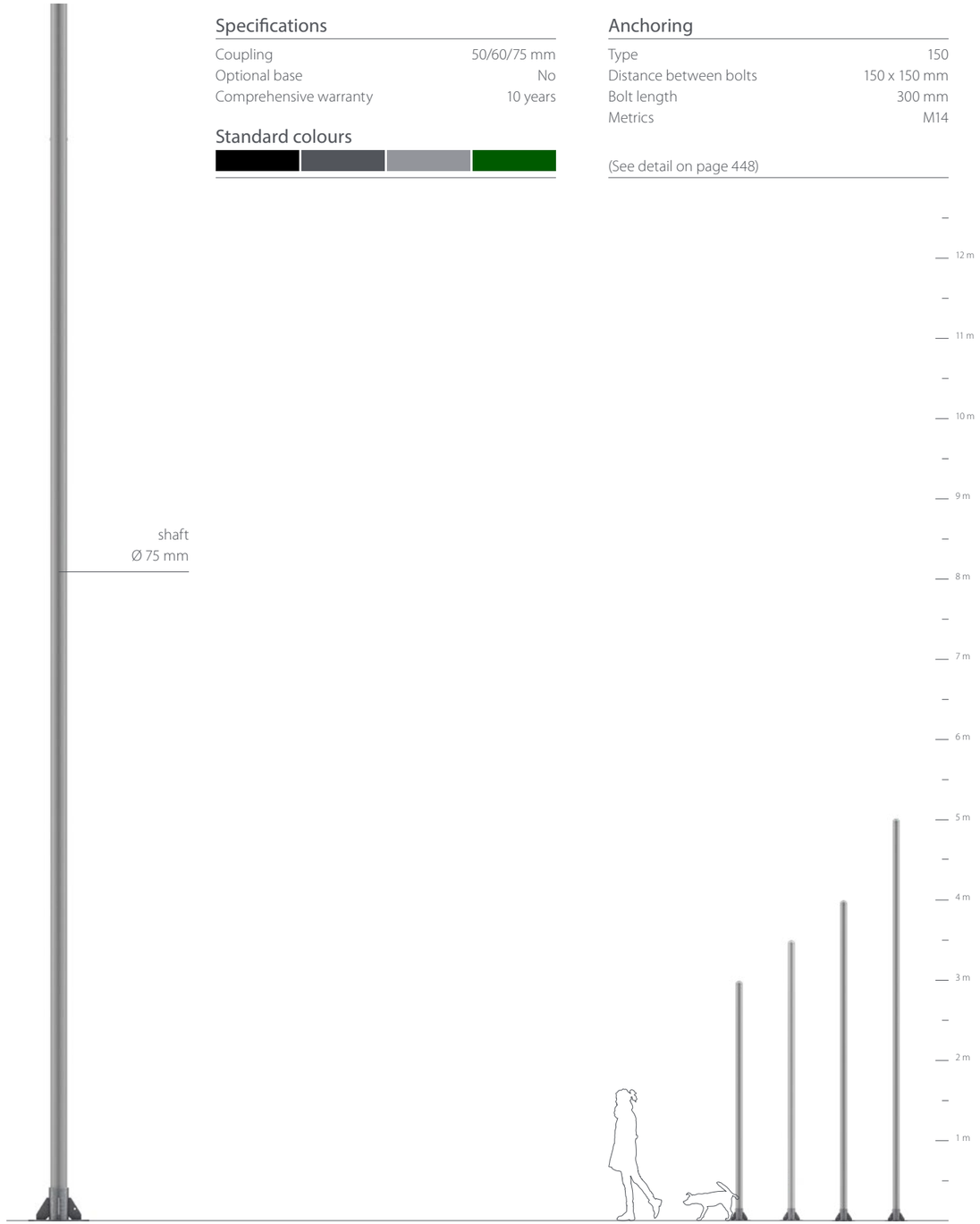
Coupling	50/60/75 mm
Optional base	No
Comprehensive warranty	10 years

Standard colours

Anchoring

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

(See detail on page 448)



* Column without access panel.

Luminaire: **Litoral A** (page 173) | Column: **Nova** (page 459)

CLASSICS

Avenida

Specifications

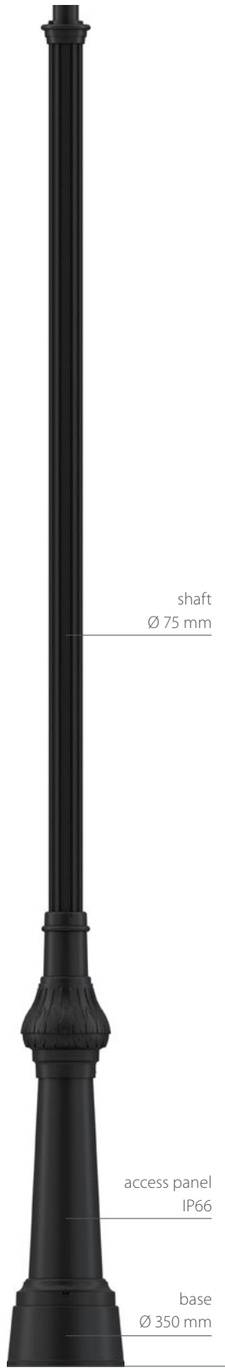
Coupling	50/60/75 mm
Optional base	Yes
Comprehensive warranty	10 years

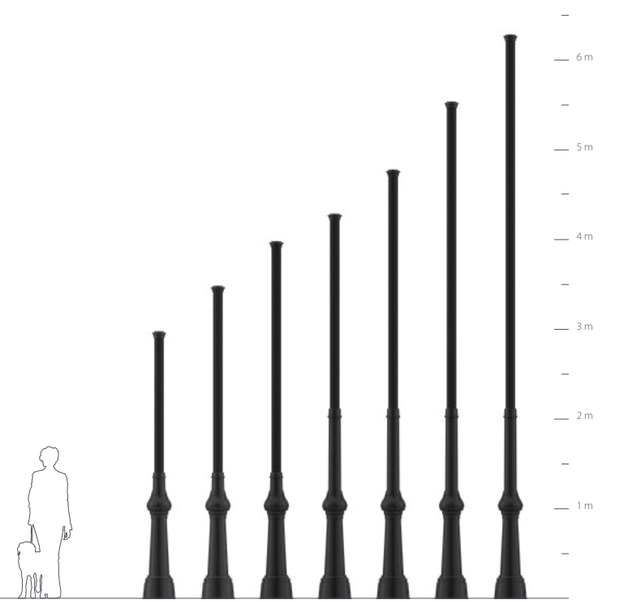
Standard colours

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)





Height	Anchoring	Reference
3 m	150	AVE-030
3.5 m	150	AVE-035
4 m	150	AVE-040
4.3 m (2+2.3)	160	AVE-043
4.8 m (2+2.8)	160	AVE-048
5.3 m (2+3.3)	160	AVE-053
6.3 m (2+4.3)	160	AVE-063

Avenida Súper

Specifications

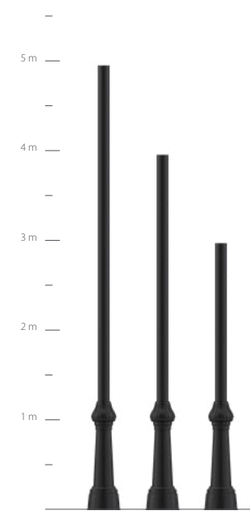
Coupling	60 mm
Optional base	Yes
Comprehensive warranty	10 years

Standard colours

Anchoring

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

(See detail on page 482)



Height	5 m	4 m	3 m
Anchoring	160	160	160
Reference	AVS-050	AVS-040	AVS-030

Colonial

Specifications

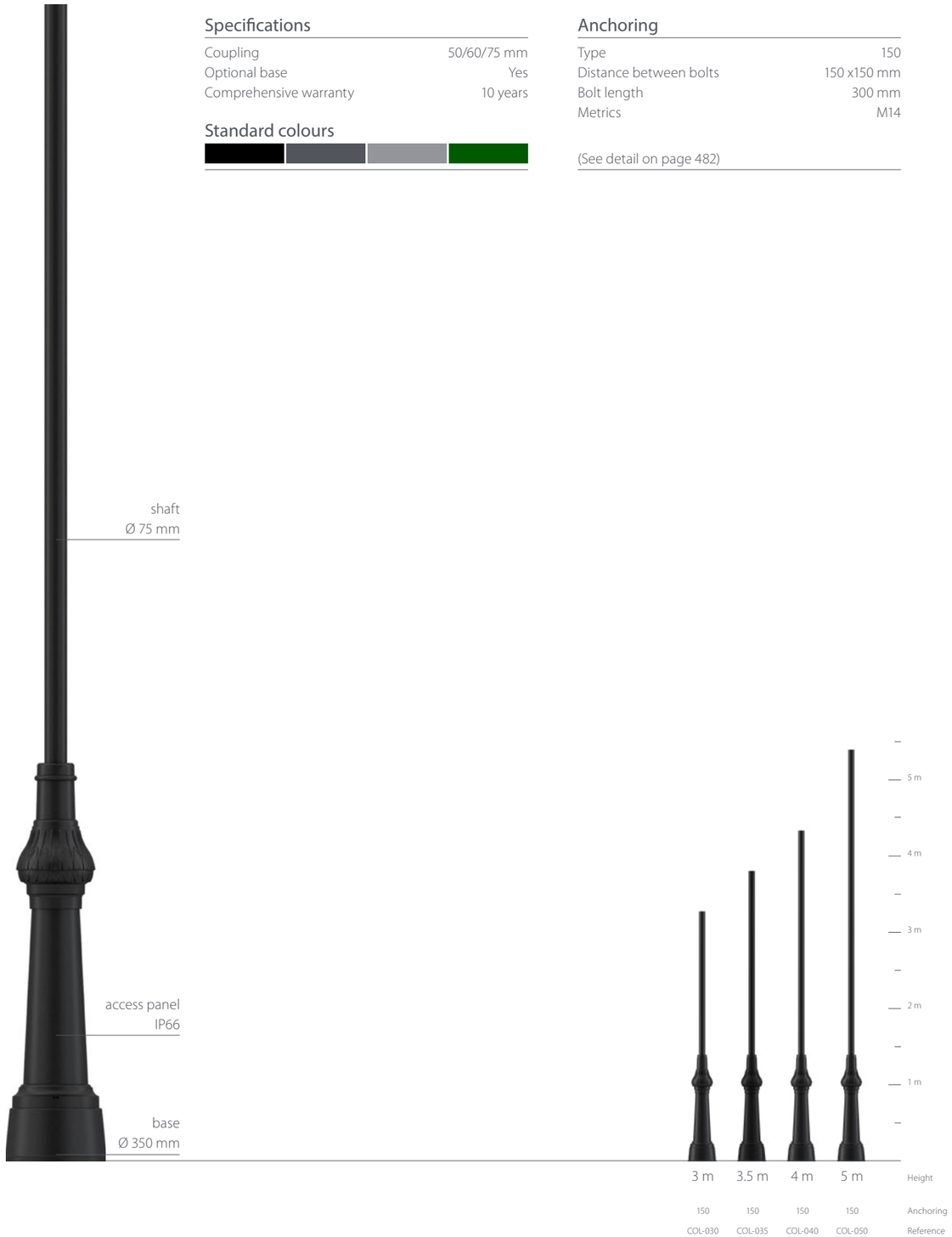
Coupling	50/60/75 mm
Optional base	Yes
Comprehensive warranty	10 years

Standard colours

Anchoring

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

(See detail on page 482)



Nova

Specifications

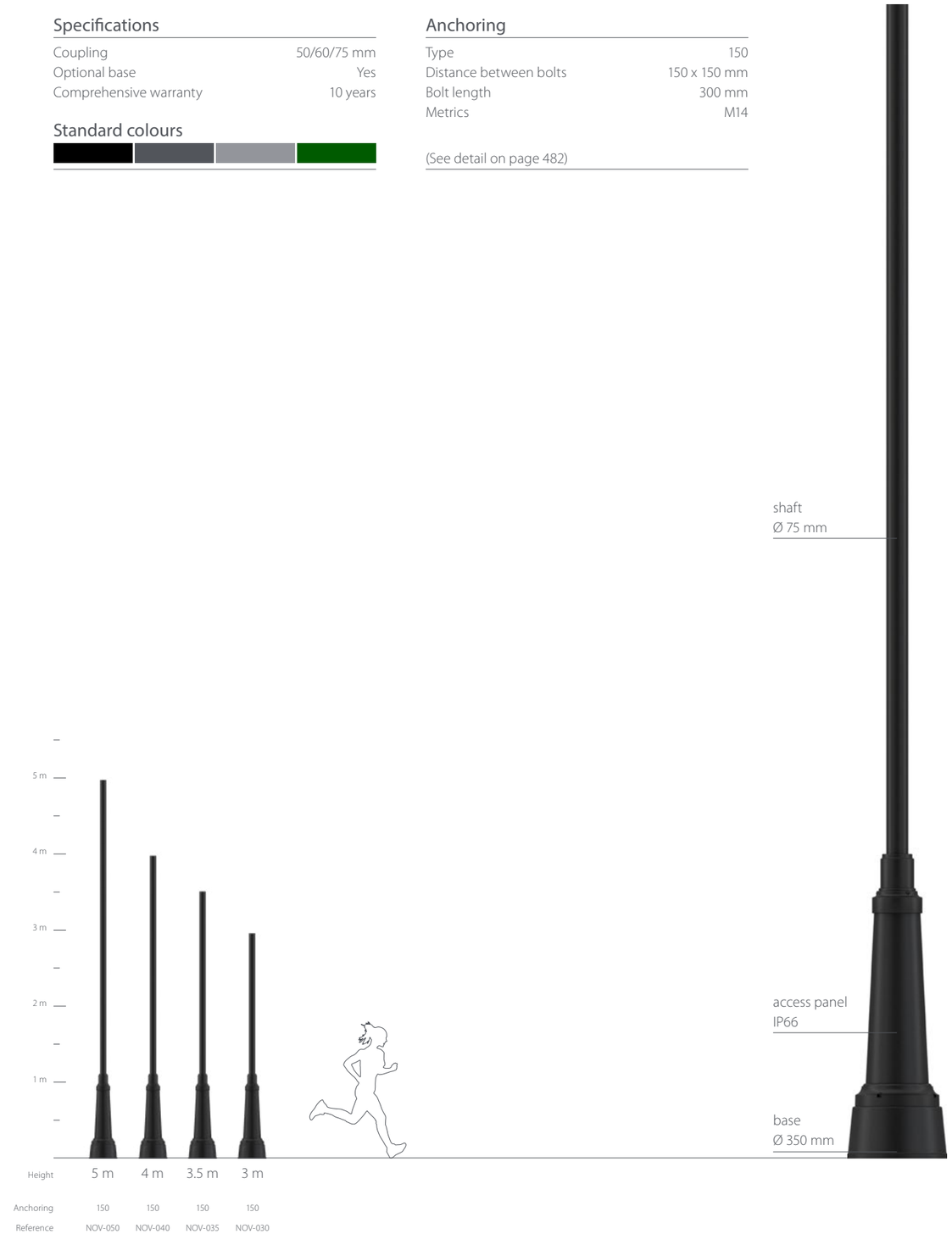
Coupling	50/60/75 mm
Optional base	Yes
Comprehensive warranty	10 years

Standard colours

Anchoring

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

(See detail on page 482)



Nova E

Specifications

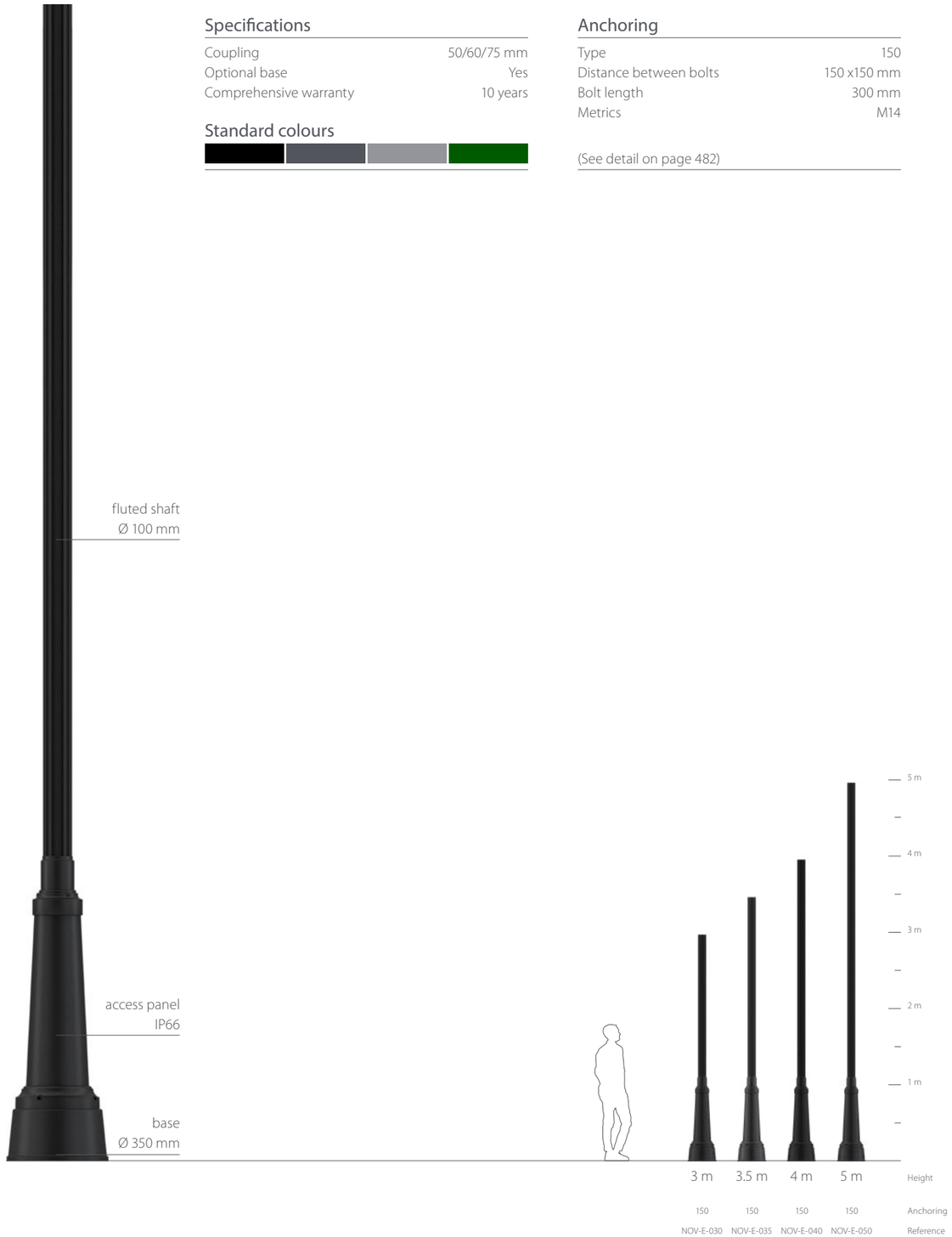
Coupling	50/60/75 mm
Optional base	Yes
Comprehensive warranty	10 years

Standard colours

Anchoring

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

(See detail on page 482)



Parque

Specifications

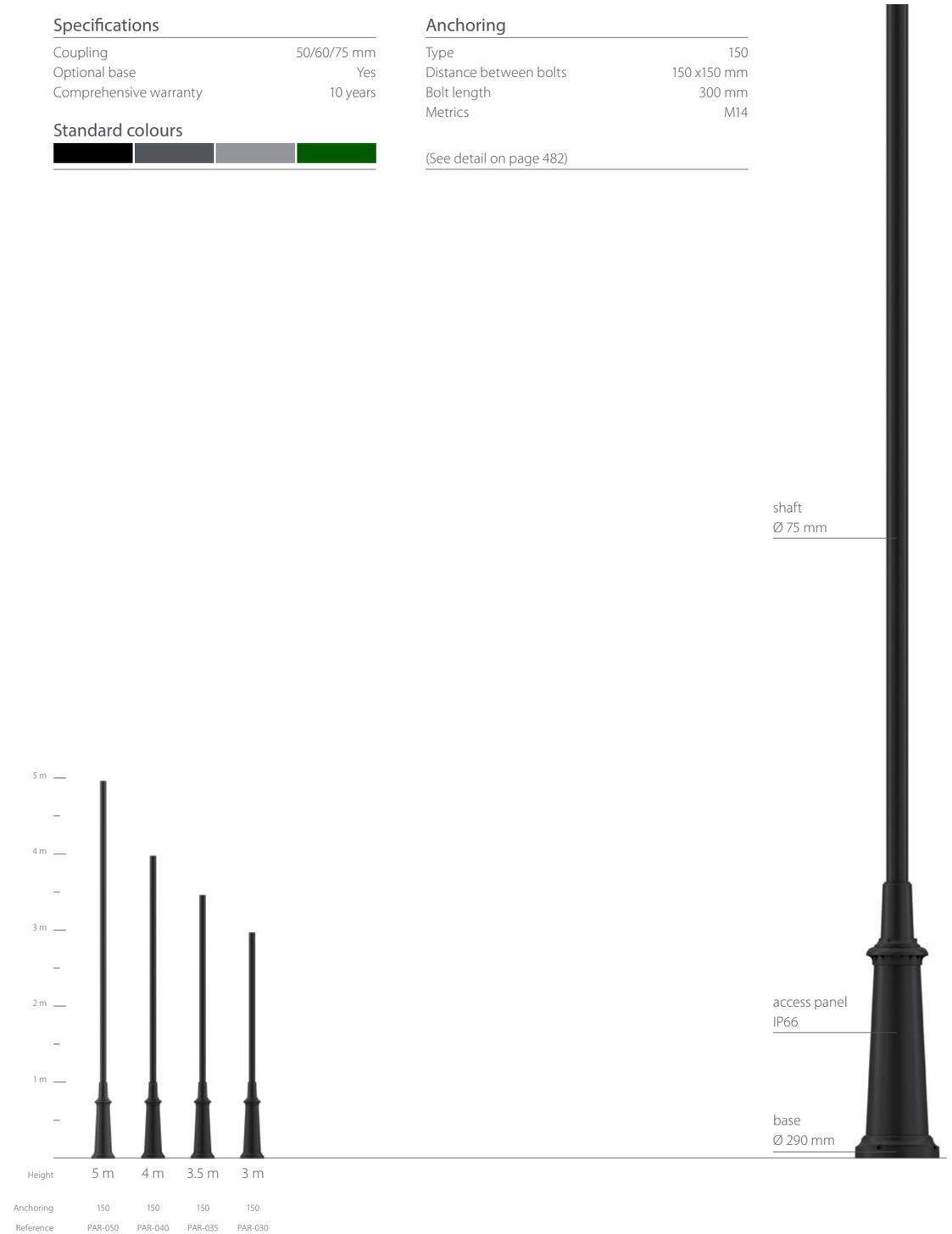
Coupling	50/60/75 mm
Optional base	Yes
Comprehensive warranty	10 years

Standard colours

Anchoring

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

(See detail on page 482)



Patio

Specifications

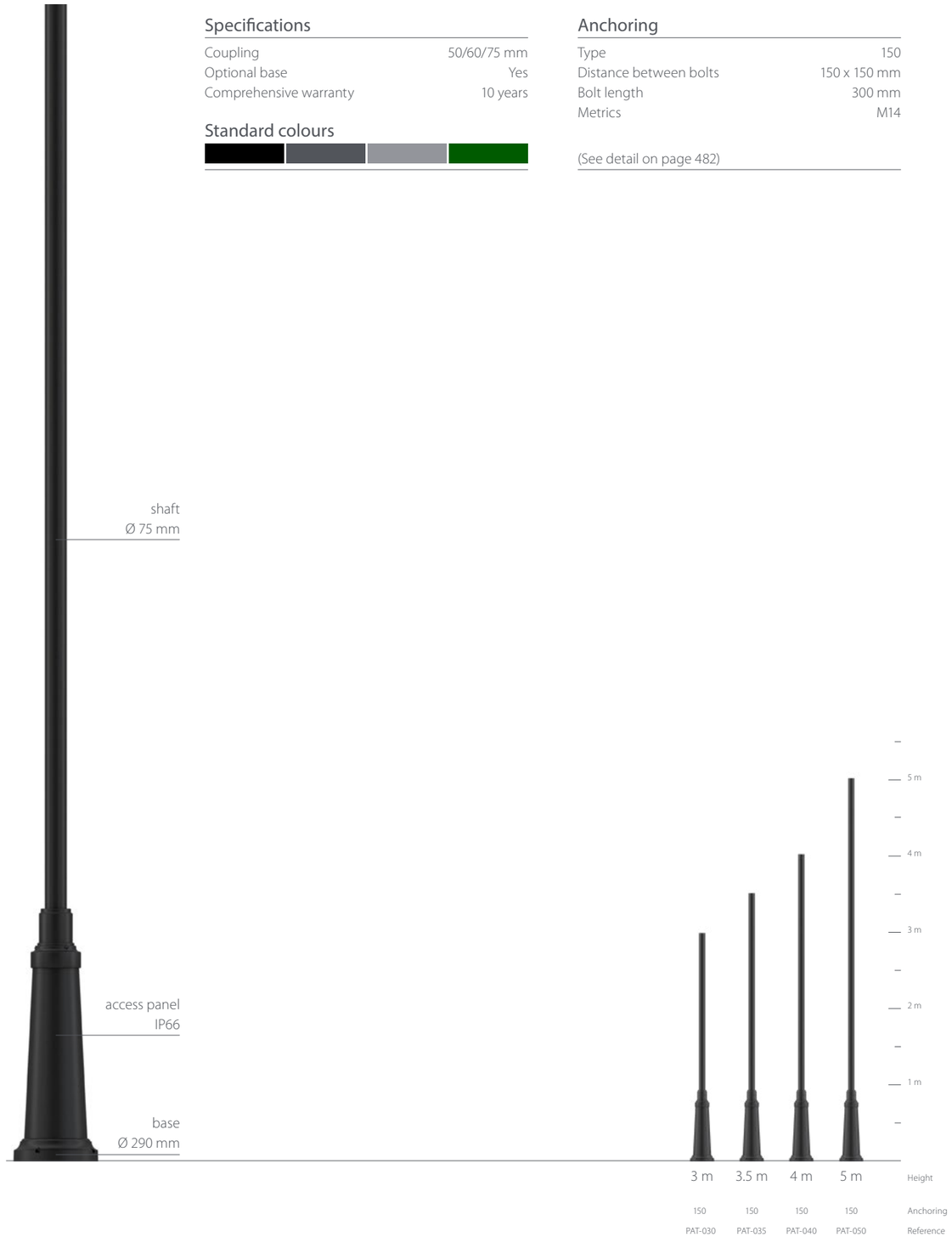
Coupling	50/60/75 mm
Optional base	Yes
Comprehensive warranty	10 years

Standard colours

Anchoring

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

(See detail on page 482)



Primera

Specifications

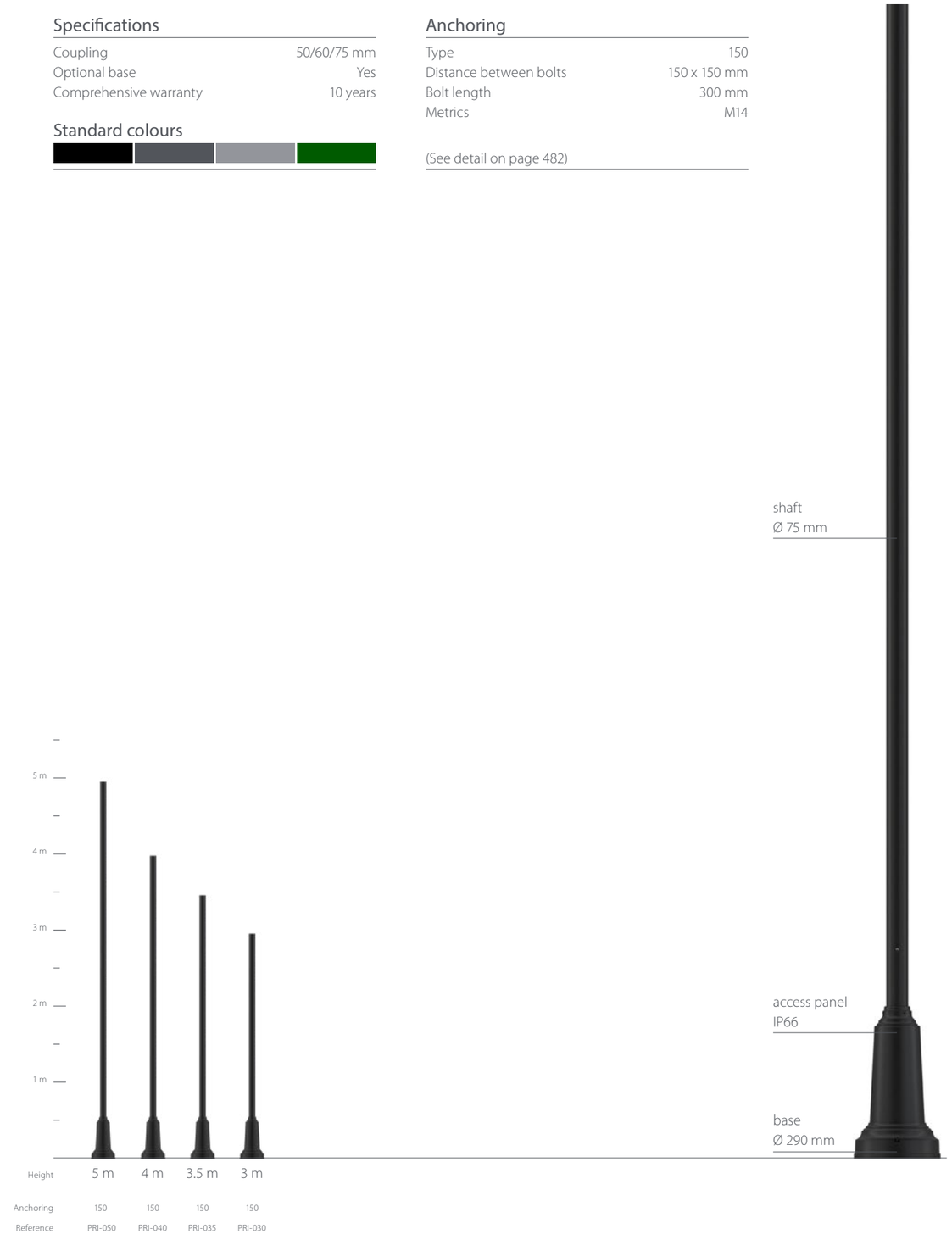
Coupling	50/60/75 mm
Optional base	Yes
Comprehensive warranty	10 years

Standard colours

Anchoring

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

(See detail on page 482)



Urbe

Specifications

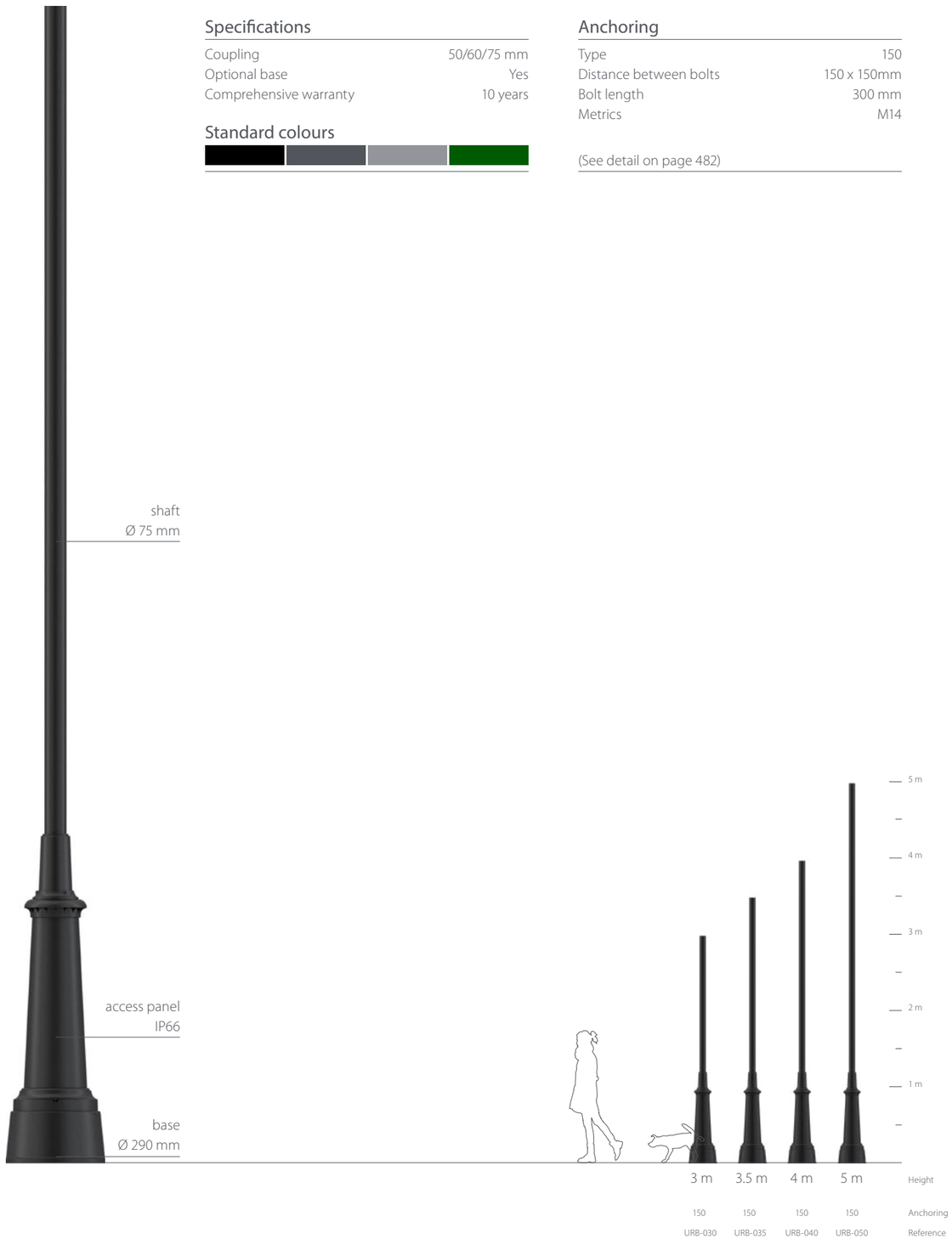
Coupling	50/60/75 mm
Optional base	Yes
Comprehensive warranty	10 years

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 220) | Arm: **MD-50** (page 414) | Column: **Matrix** (page 449)

VIAL

Atlas Plus

Specifications

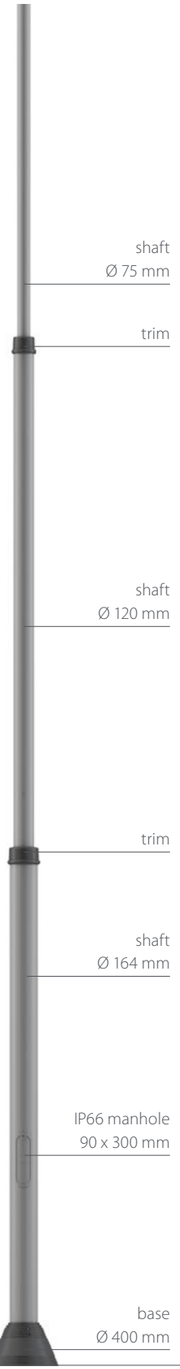
Coupling	50/60/75 mm
Optional base	No
Comprehensive warranty	10 years

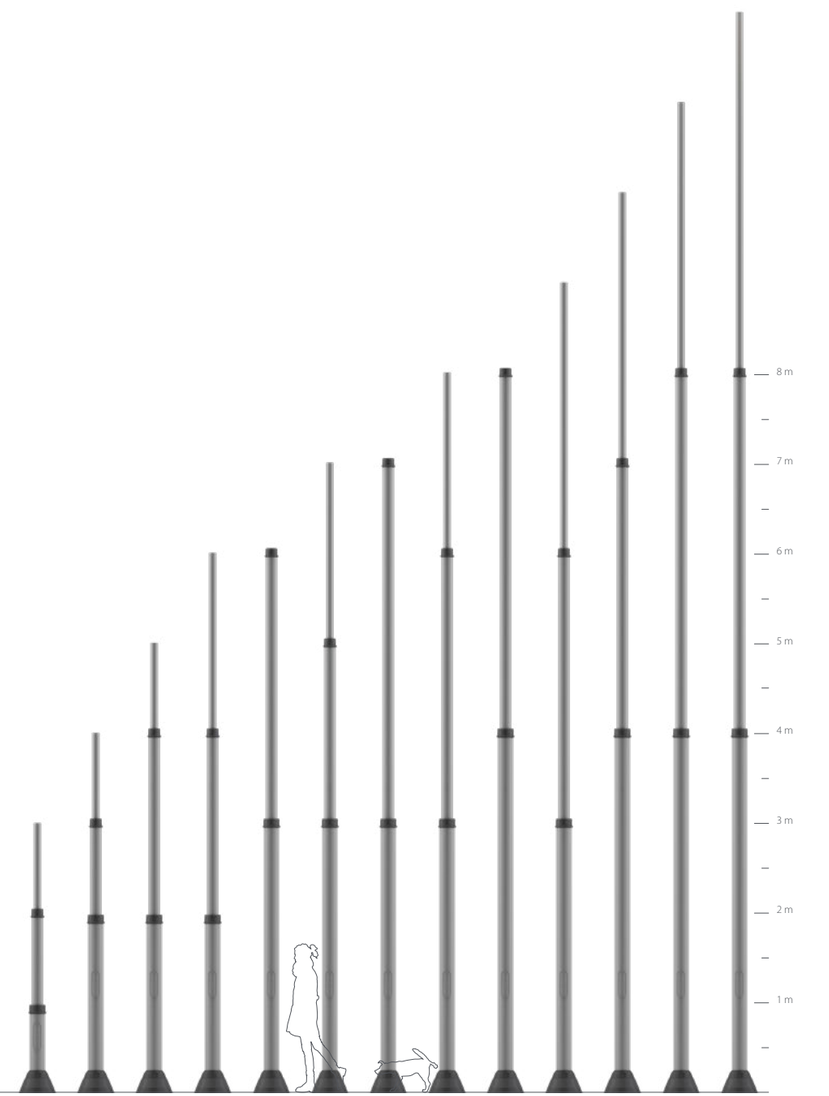
Standard colours

Anchoring

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

(See detail on page 482)





3 m	4 m	5 m	6 m	6 m	7 m	7 m	8 m	8 m	9 m	10 m	11 m	12 m	Height
(1+1+1)	(2+1+1)	(2+2+1)	(2+2+2)	(3+3)	(3+2+2)	(3+4)	(3+3+2)	(4+4)	(3+3+3)	(4+3+3)	(4+4+3)	(4+4+4)	
190	190	190	190	190	190	190	190	190	190	190	190	190	Anchoring
APL-030	APL-040	APL-050	APL-060-B	APL-060	APL-070-B	APL-070	APL-080-B	APL-080	APL-090	APL-100	APL-110	APL-120	Reference

Bulevar

Specifications

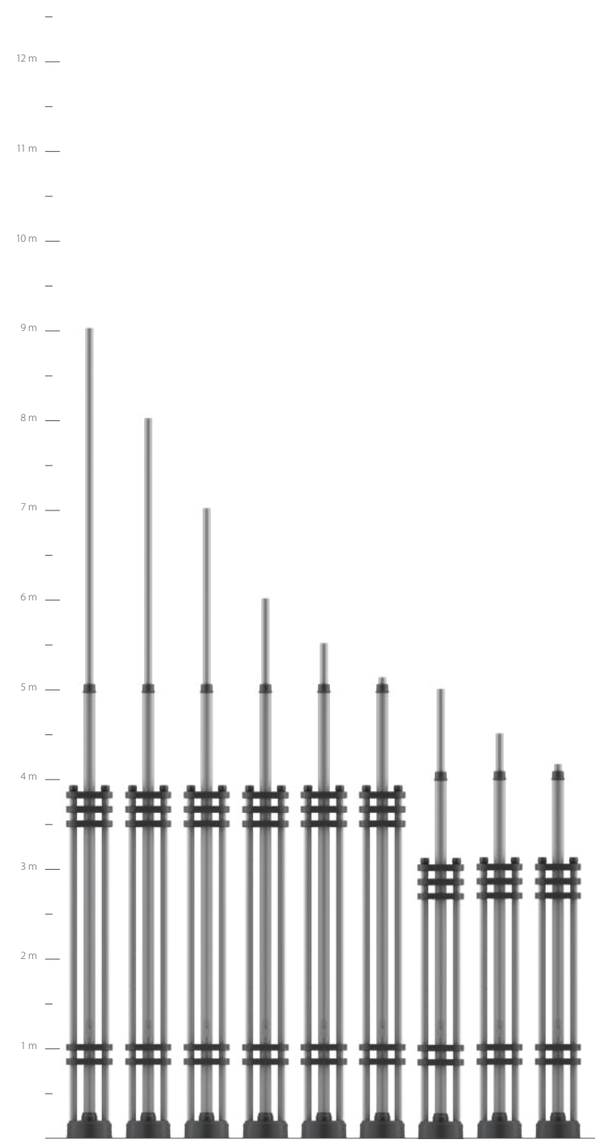
Coupling	50/60/75 mm
Optional base	No
Comprehensive warranty	10 years

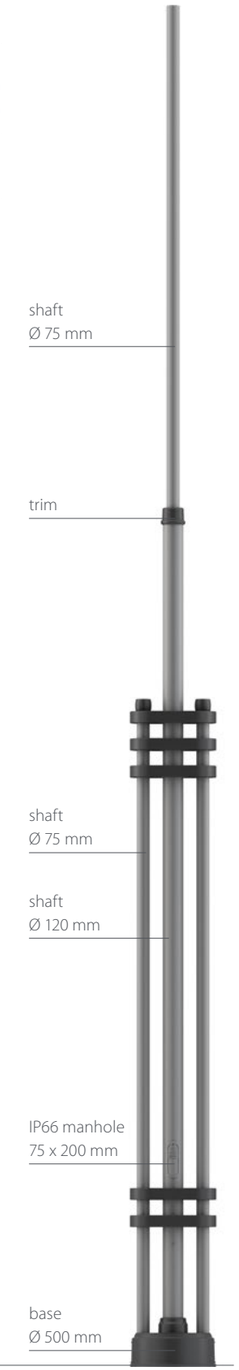
Standard colours

Anchoring

Type	285
Distance between bolts	285 x 285 mm
Bolt length	500 mm
Metrics	M24

(See detail on page 482)





Height	9 m	8 m	7 m	6 m	5.5 m	5 m	5 m	4.5 m	4 m
	(5+4)	(5+3)	(5+2)	(5+1)	(5+0.5)		(4+1)	(4+0.5)	
Anchoring	285	285	285	285	285	285	285	285	285
Reference	BUL-090	BUL-080	BUL-070	BUL-060	BUL-055	BUL-050-B	BUL-050	BUL-045	BUL-040

Coliseo Plus

Specifications

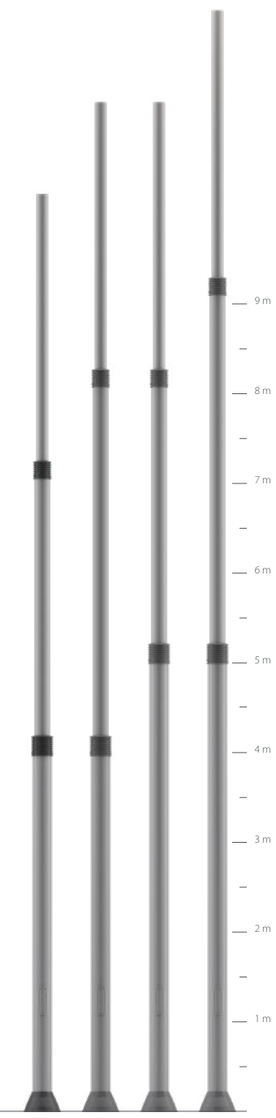
Coupling	60 mm
Optional base	No
Comprehensive warranty	10 years

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

Coliseo Super

Specifications

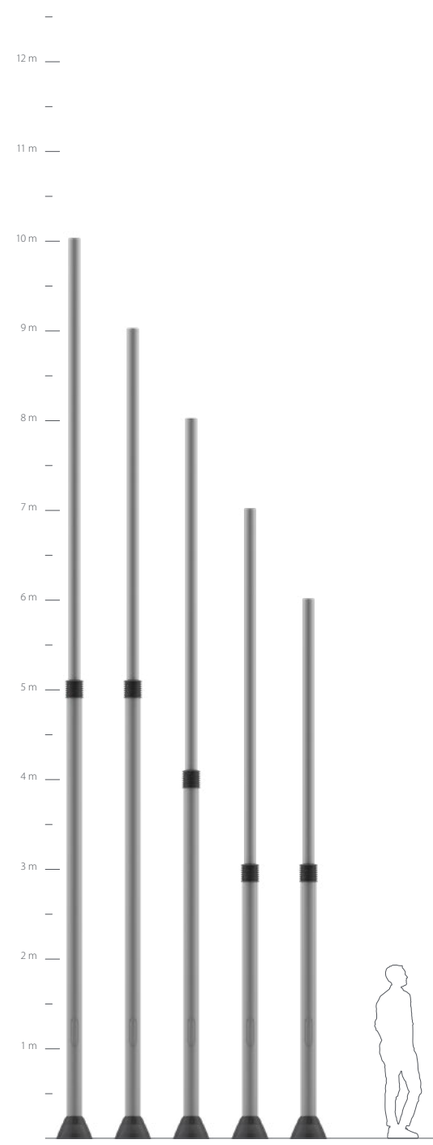
Coupling	60 mm
Optional base	No
Comprehensive warranty	10 years

Standard colours

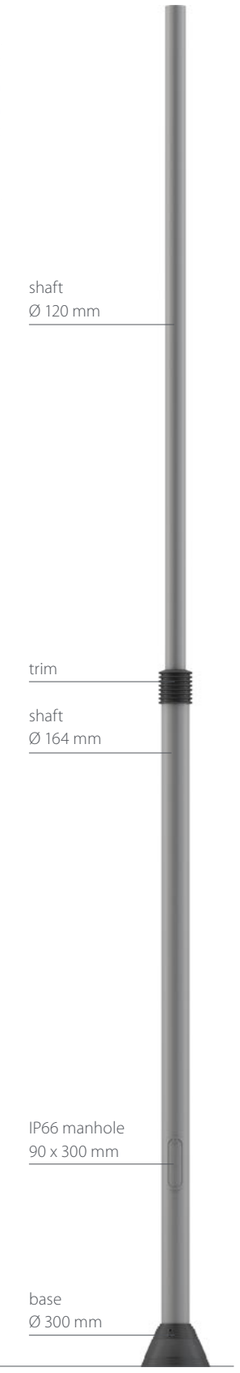
Anchoring

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



Magna

Specifications

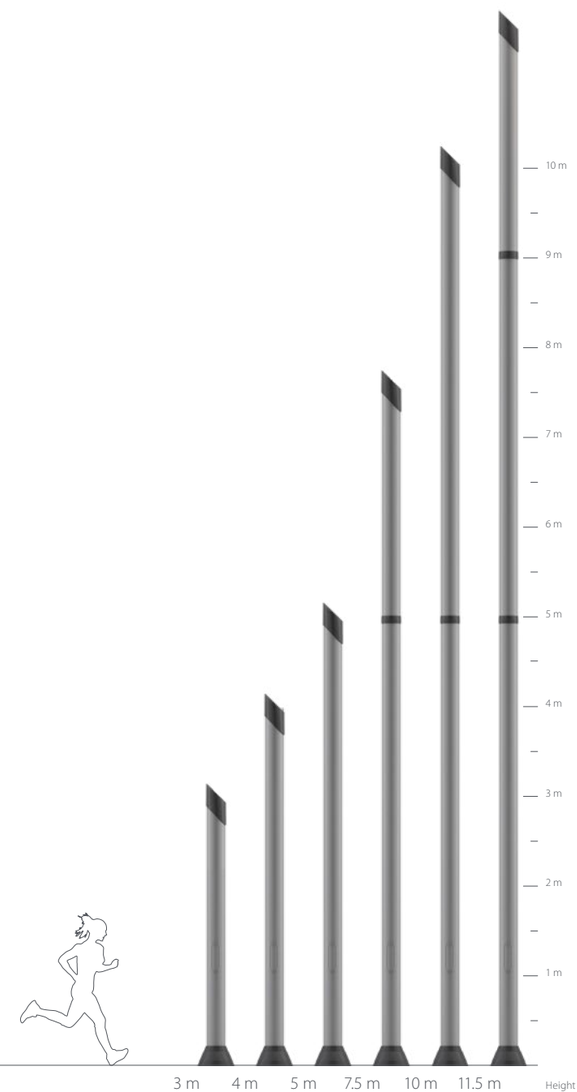
Coupling	-
Optional base	No
Comprehensive warranty	10 years

Standard colours

Anchoring

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

(See detail on page 482)



3 m	4 m	5 m	7.5 m (5+2.5)	10 m (5+5)	11.5 m (5+4+2.5)		Height
190	190	190	190	190	190		Anchoring
MAG-030	MAG-040	MAG-050	MAG-075	MAG-100	MAG-115		Reference

Matrix Duo 1

Specifications

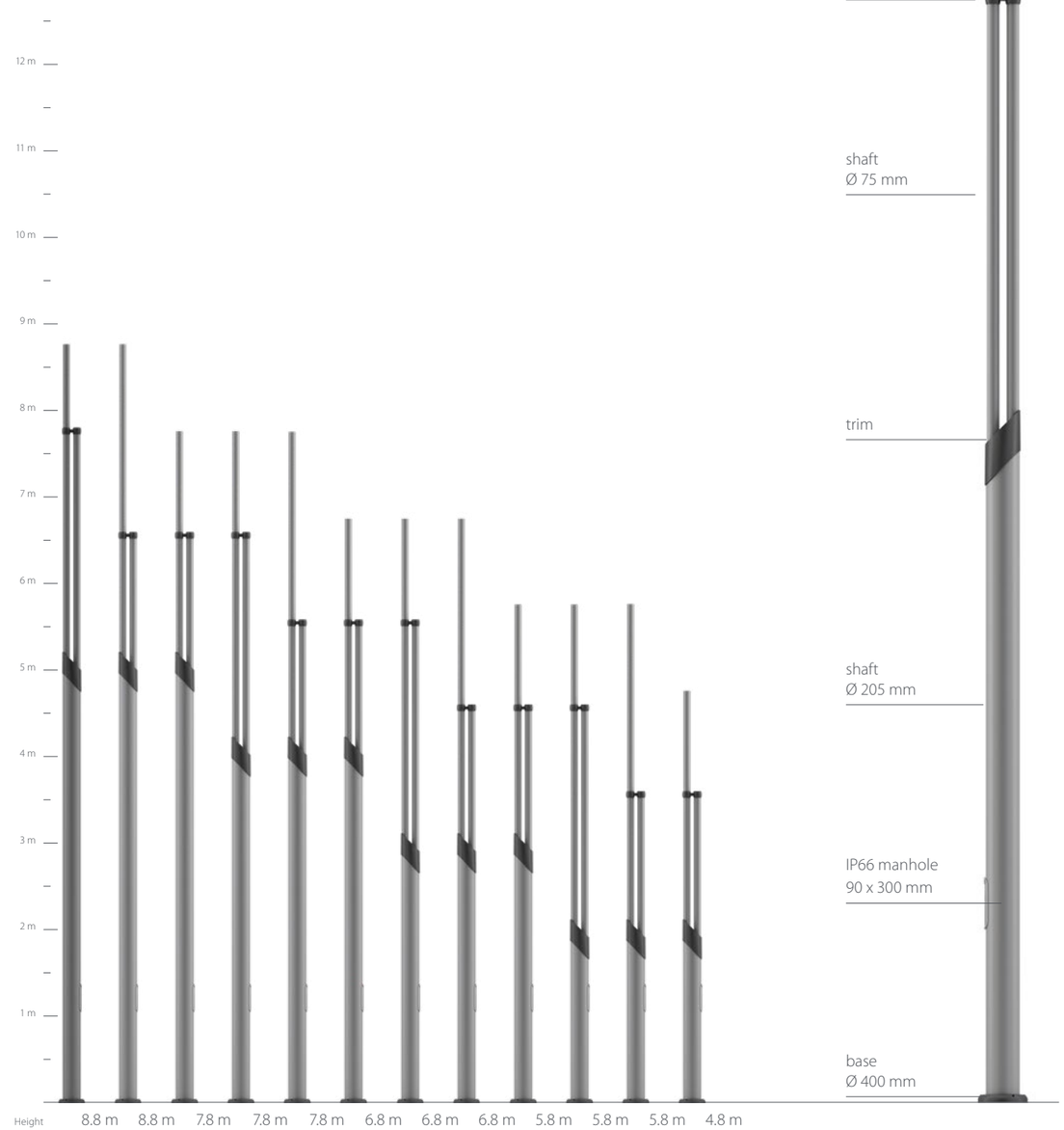
Coupling	50/60/75 mm
Optional base	Yes
Comprehensive warranty	10 years

Standard colours

Anchoring

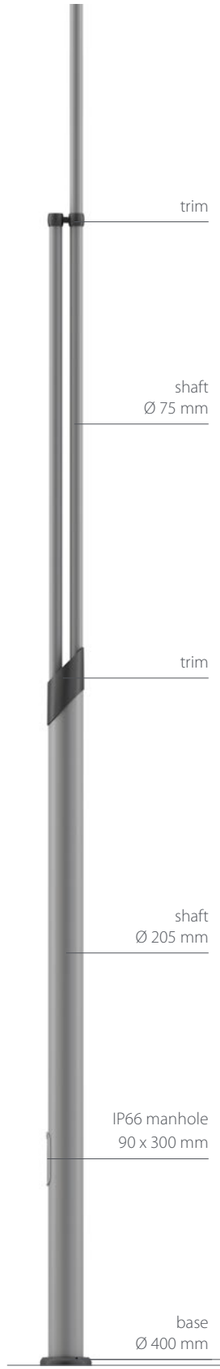
Type	190
Distance between bolts	190 x 190 mm
Bolt length	500 mm
Metrics	M20

(See detail on page 482)



Height	8.8 m 5+(3+4)	8.8 m 5+(2+4)	7.8 m 5+(2+3)	7.8 m 4+(3+4)	7.8 m 4+(2+4)	6.8 m 4+(2+3)	6.8 m 3+(3+4)	6.8 m 3+(2+4)	5.8 m 3+(2+3)	5.8 m 2+(3+4)	5.8 m 2+(2+4)	4.8 m 2+(2+3)
Anchoring	190	190	190	190	190	190	190	190	190	190	190	190
Reference	MAT-D-534	MAT-D-524	MAT-D-523	MAT-D-434	MAT-D-424	MAT-D-423	MAT-D-334	MAT-D-324	MAT-D-323	MAT-D-234	MAT-D-224	MAT-D-223

Matrix Duo 2



Specifications

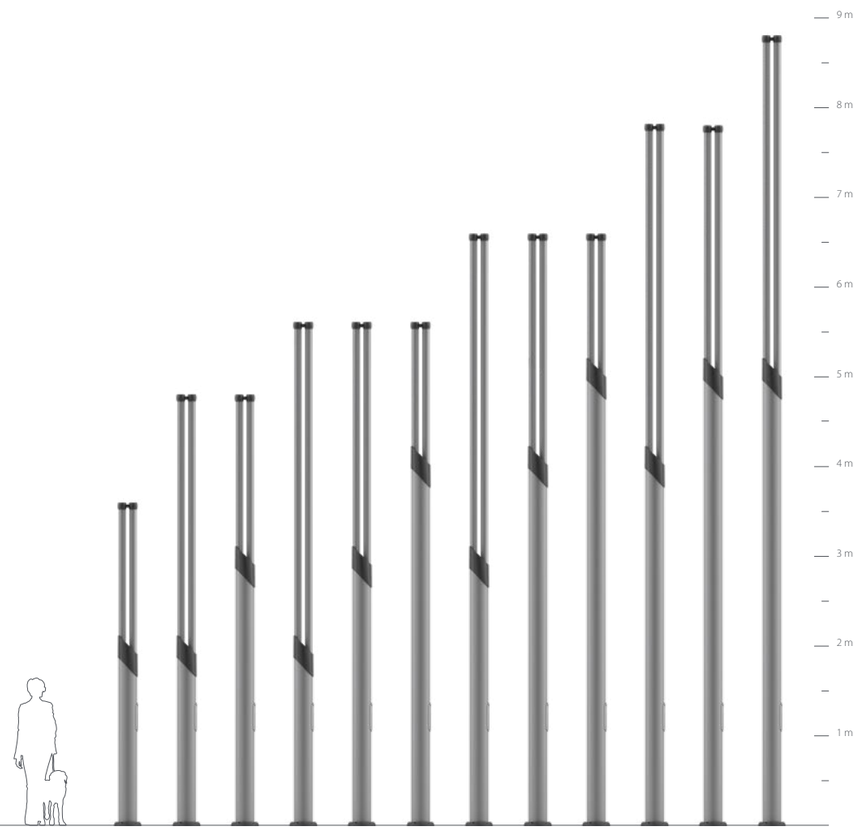
Coupling	50/60/75 mm
Optional base	Yes
Comprehensive warranty	10 years

Standard colours

Anchoring

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

(See detail on page 482)



3.6 m	4.8 m	4.6 m	5.8 m	5.8 m	5.6 m	6.8 m	6.8 m	7.8 m	7.8 m	7.8 m	8.8 m	Height
2+(2+2)	2+(3+3)	3+(2+2)	2+(4+4)	3+(3+3)	4+(2+2)	3+(4+4)	4+(3+3)	5+(2+2)	4+(4+4)	5+(3+3)	5+(4+4)	
190	190	190	190	190	190	190	190	190	190	190	190	Anchoring
MAT-D-222	MAT-D-233	MAT-D-322	MAT-D-244	MAT-D-333	MAT-D-422	MAT-D-344	MAT-D-433	MAT-D-522	MAT-D-444	MAT-D-533	MAT-D-544	Reference

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.

Banner

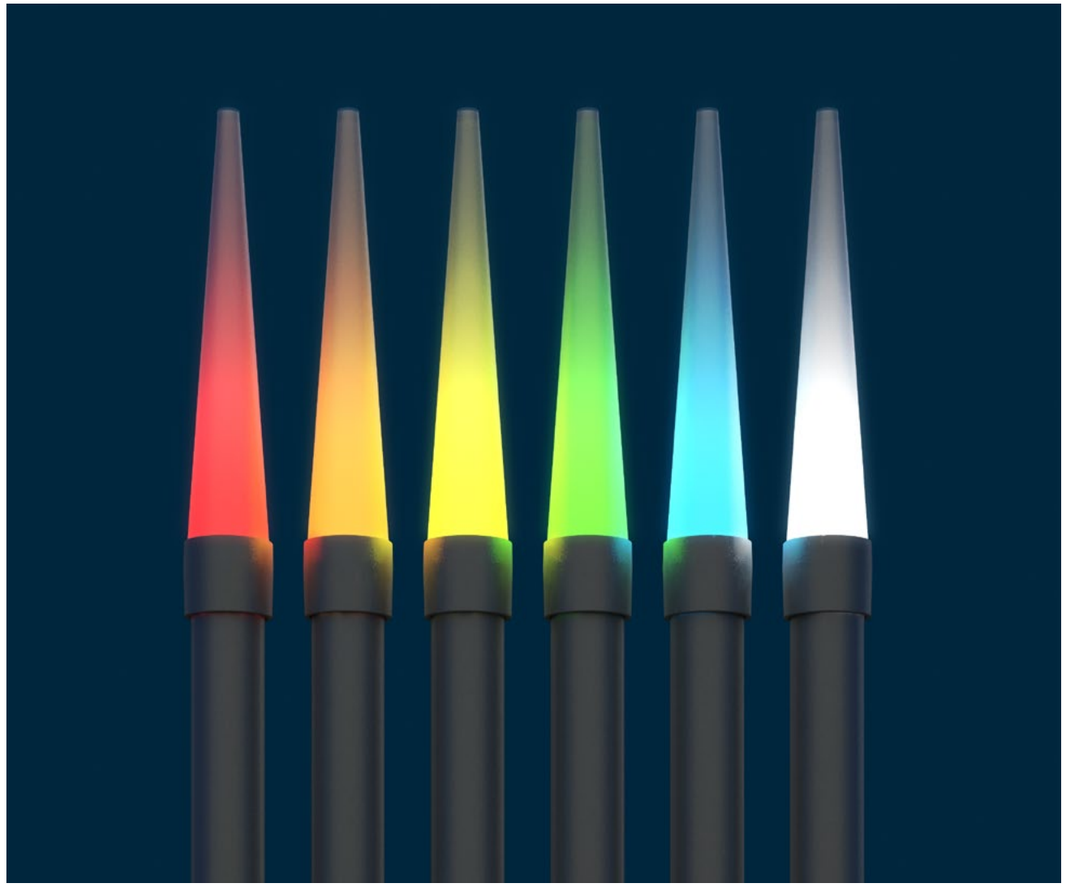
One metre stand to hang informational and advertising posters. Available in stand-alone or attached models.

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.

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.



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.

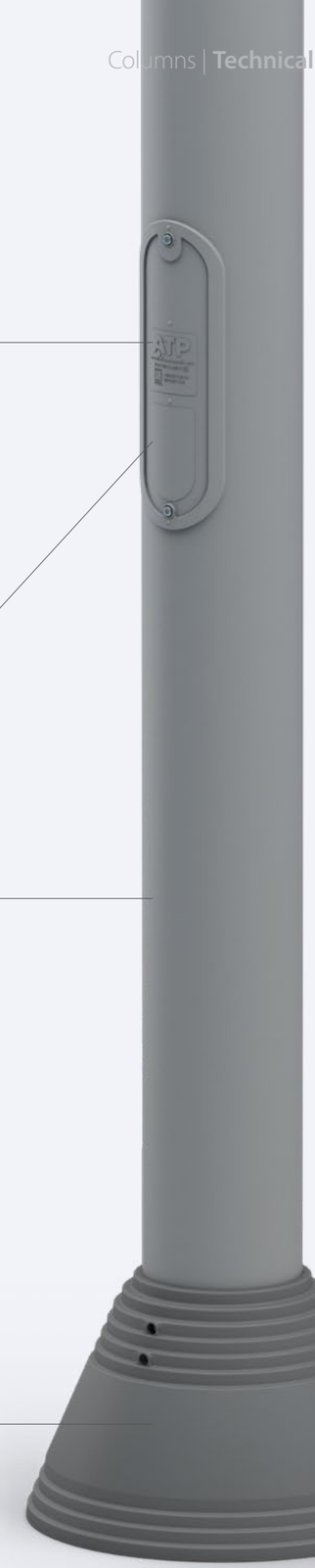
ATP columns made up of multiple sections may be manufactured by combining different finishes. When arms equal to or greater than 1.5 m are placed in column sections of 75 mm in diameter, the maximum length of the 75 mm section must be equal to or less than 2 metres (+10 cm), except when the arm is double.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



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

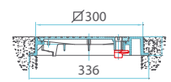
Distance between bolts	285 x 285 mm
Recommended height	500 mm
Metrics	M24
Models	Bulevar

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

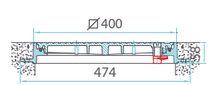
Additional colours upon request, minimum 250 units.

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

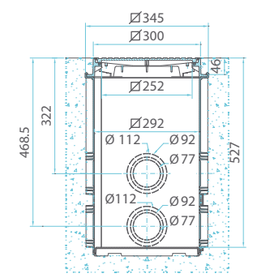
Additional colours upon request, minimum 250 units.

Box 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

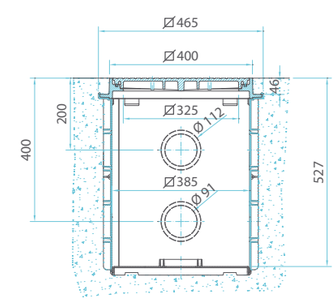
Additional colours upon request, minimum 250 units.

Box 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.

COLUMNS

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.

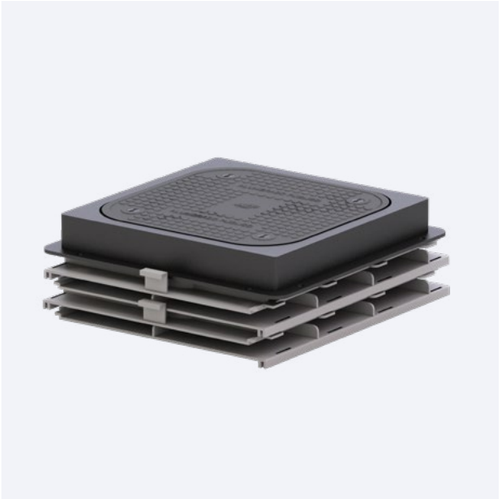
Immune to corrosion
Made entirely of reinforced engineering technopolymer S7 resistant to saline and polluted atmospheric environments, as well as gases, fuels, and aggressive compounds. Free of metallic materials.

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.

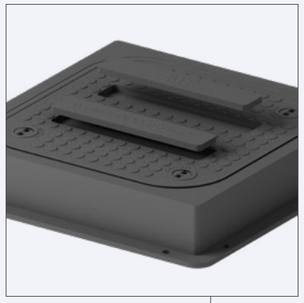
Manhole boxes are supplied with an accessory to embed them.



Less space when packaging. Lower transportation cost.

Complete assembly requires no tools.

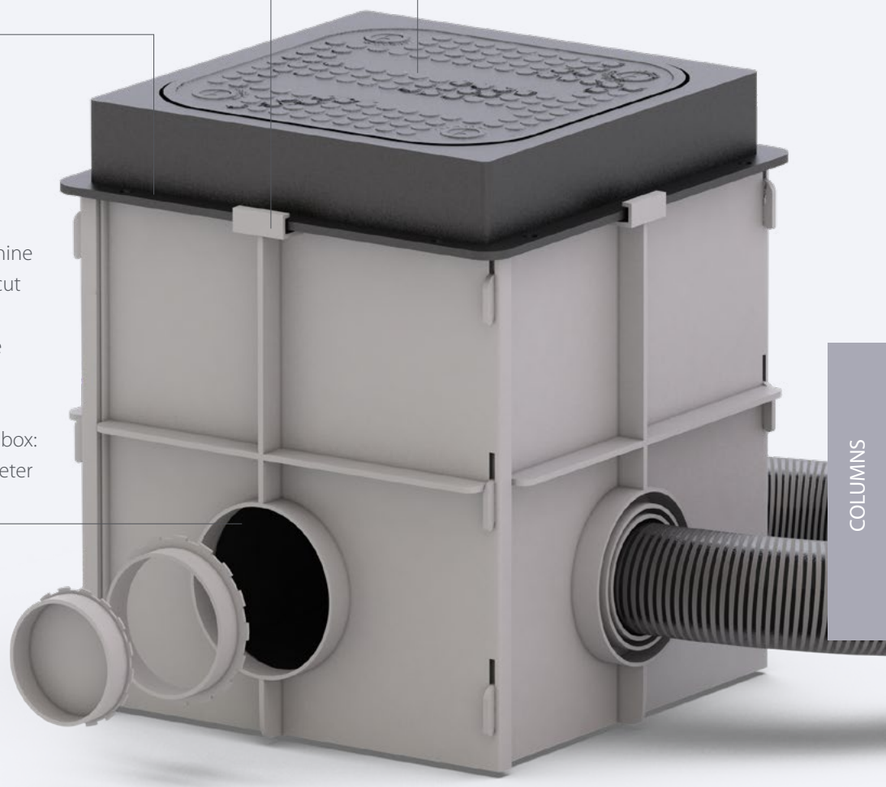
Application of labels and badges
Manhole covers may be supplied with labels for lighting, sanitation, irrigation, electricity, gas or telephone, among others.



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



Immune to corrosion

Anti electrocution

WARRANTY 10 YEAR

10 year warranty

BOLLARD LIGHTS

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

BOLLARD LIGHTS

Bollard lights

Esférica 494

Peón 494

Alfil 495

Centro 495

Torre 496

Clásica 55 496

Clásica 95 497

Faro 65 497

Faro 90 498

Diábolo 75 498

Diábolo 100 499

Delta 499

Focus

Focus 1 504

Focus 2 | 60º 504

Focus 2 | 180º 505

Focus 2 | 360º 505

Focus 3 | 60º 506

Focus 3 | 180º 506

Focus 3 | 360º 507

Focus I | 60º 508

Focus I | 180º 508

Focus H 507

Bollard lights: **Focus 3 | 180º** (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

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

Alfil

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

Width	275 mm
Height	540 mm

Centro

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

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

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

Clásica 95

Width	230 mm
Height	950 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

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

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

Diábolo 100

Width	345 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

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 508

Focus 2 | 60º

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 508

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 508

Focus 2 | 180º

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 508

Focus 2 | 360º

Width 120 mm
Height 320 mm

Focus 3 | 60º

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 508

Focus 3 | 180º

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 508

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 508

Focus 3 | 360º

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 508

Focus H

Width	150 mm
Height	120 mm

Focus I | 60º

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 508

Focus I | 180º

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 508

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.

Black

Dark grey

Light grey

Green

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 ranges 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

Warranty terms and conditions

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.