



ATPiluminacion.com

ATP

SIGLO XLA
CIRCULAR CLASSICS



TIMELESS AESTHETICS,
REVOLUTIONARY TECHNOLOGY

CLASSIC SHAPE WITH A HI-TECH HEART

The only classic feature of this luminaire is its outward appearance; everything else is a combination of advanced engineering and technology with an efficient design that provides it with unique features: dissipation, performance, visual comfort, resistance, safety, ease of handling, and remote management capabilities.





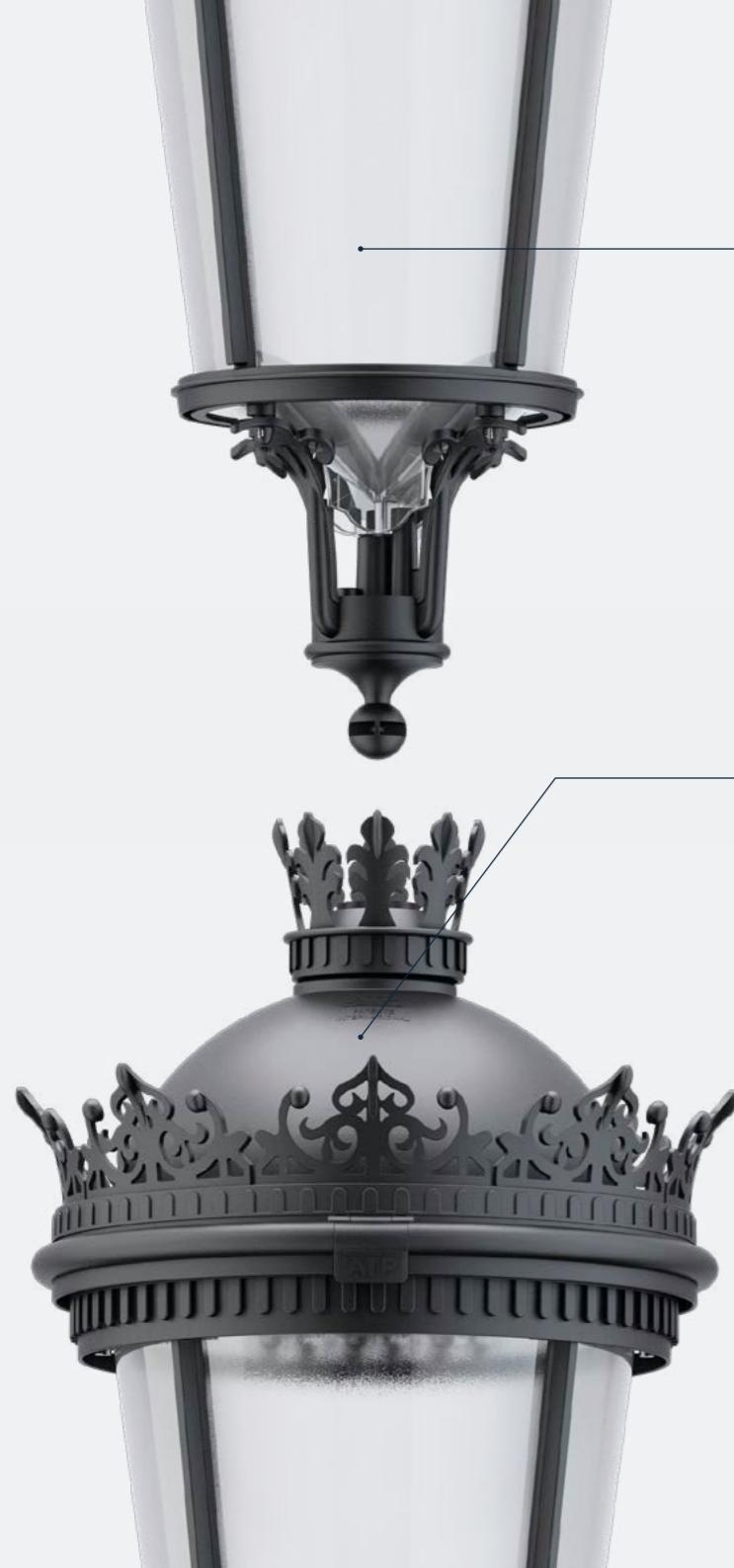
ONE CORE, MULTIPLE CONFIGURATIONS

This luminaire is designed to obtain different appearances from the same core. Its exterior modularity allows to alternate different tops, crowns, and bases, and even avoid the straps to achieve classic aesthetics with a touch of modernity.



SUPPORTED & SUSPENDED

The Siglo luminaire has been designed to be supported or suspended without making any changes to its structure. This feature is very useful for undertaking projects where the same luminaire model is needed to mount it on a column or to suspend it from ceilings or arms.



**High impact transparent
tropicalized thermopolymer T5**

Chemical polishing to achieve exceptional transparency and transmittance. Superior lighting characteristics in comparison to glass, and 200 times more resistant.

**Reinforced engineering
technopolymer S7**

Immune to corrosion and degradation caused by the weather. Withstands tropical storms, constant humidity, saltpeter, and even fire. Dismisses any electrocution hazard.

STATE-OF-THE-ART POLYMERIC MATERIALS

Built with state-of-the-art polymeric materials created exclusively by ATP to offer total electrical insulation, immunity to surges, and maximum resistance to external agents and vandalism. These materials are immune to corrosion and withstand the most extreme weather conditions.

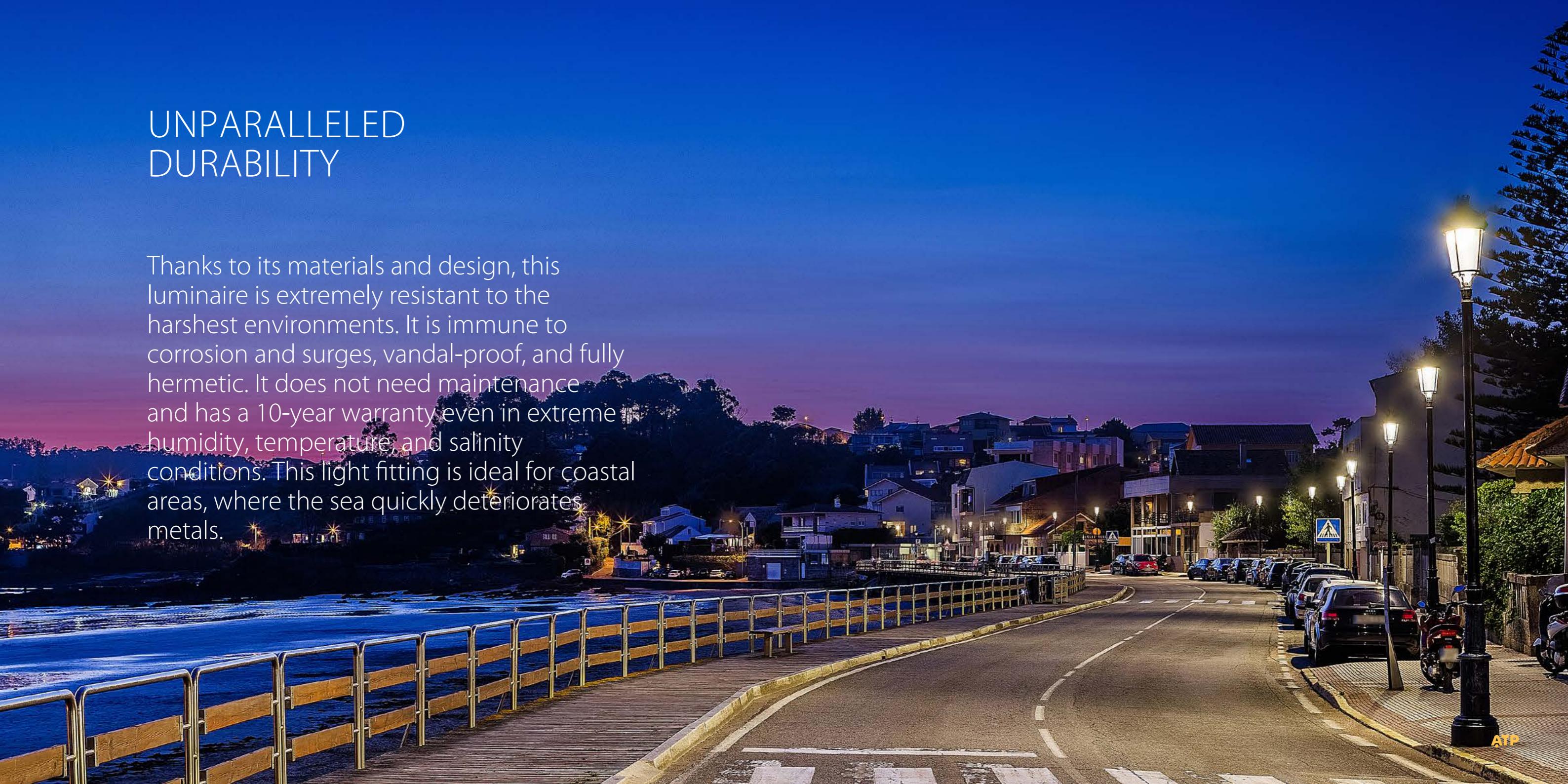
ANTI-ELECTROCUTION: 100 % SAFE IN ANY CIRCUMSTANCE

Completely safe product manufactured with insulating polymeric materials that eliminate the danger of electric shock when touching the luminaire. Combined with our polymeric columns, the whole assembly is 100 % safe even in extremely wet environments.



UNPARALLELED DURABILITY

Thanks to its materials and design, this luminaire is extremely resistant to the harshest environments. It is immune to corrosion and surges, vandal-proof, and fully hermetic. It does not need maintenance and has a 10-year warranty even in extreme humidity, temperature, and salinity conditions. This light fitting is ideal for coastal areas, where the sea quickly deteriorates metals.





CLASS II

Double insulation

Class II, achieved by a double insulation system, eliminates electrical risk when handling the luminaire and prevents damage to electronic components caused by atmospheric surges that could enter through the ground.



IK10+

Far beyond vandal-proof

These luminaires withstand impact tests beyond 50 joules, which is more than twice the maximum degree of mechanical resistance, IK10, certified by the IEC 62262 international standard (20 joules). This makes them ideal for low-rise poles usually installed in historic quarters



IP66+

Fully hermetic

A one-piece body (VesselTech®) and a continuous sealing gasket ensure the tightness of the luminaire, even in the most extreme weather. This seal is not limited to the optical components, as is usual in this sector, but extends to the entire enclosure, which protects every electronic component and internal element against liquid and solid particle penetration.

Why do we call it IP66+

VESSELTECH® TECHNOLOGY

The enclosure of our luminaire consists of a one-piece body to obtain maximum solidity with total tightness. This design, internationally patented, avoids dirtiness and liquids inside the diffuser and ensures stable performance.



LAMINAR HEATSINK®



LED temperature

-21 %



Useful life

+27 %

This device offers exceptional heat transfer and maximizes the useful life of LED luminaires. It is manufactured in a special alloy for naval purposes, anodized, with a maximum heat transfer capacity that allows an unprecedented dissipation.



CUSTOMIZABLE OPTICS

The lenses are distributed in independent modules with different optical designs that can be combined in multiple ways to obtain the light distribution that best suits each project.



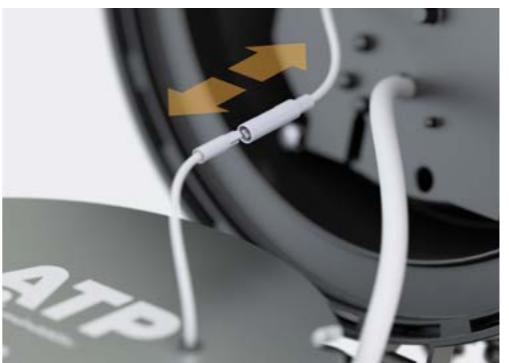
EASILY INTERCHANGEABLE

The internal design of the luminaire is devised to allow a quick and easy replacement of the Laminar Heatsink® just by disconnecting a cable. This feature is especially useful when a change in the color temperature or distribution of the luminaire is needed.



Access without tools

Optimized design with a simple closure that allows access to the luminaire without tools to quickly perform any maintenance task.



Plug & play connector

This tubular connector ensures the device's quick and safe installation. Just plug it into the new Laminar Heatsink® and the luminaire will be ready for operation.



BUILT-IN ZHAGA /NEMA CONNECTOR

Thanks to its design and materials, this luminaire is the only classic on the market that integrates the Zhaga/Nema connector inside the enclosure. This characteristic is fundamental in ornamental luminaires intended for historic quarters, since it allows remote management nodes to be included without altering the external appearance of the product.



Zhaga node

Standard in Europe.



Nema node

Standard in America.



COMFORT DIFFUSER®

This diffuser has been created from the T5 thermopolymer and is specifically designed to mitigate LED glare without reducing the exceptional performance of this technology or affecting photometry. It ensures visual comfort and offers a more uniform and pleasant light.



Transparent Diffuser



Comfort Diffuser®

HI-TECH MATERIALS FOR VISUAL COMFORT

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.

A wide-angle night photograph of a historic town square. The scene is illuminated by streetlights and the warm glow from the windows of surrounding multi-story buildings. The architecture is traditional, with stone facades and tiled roofs. In the foreground, there's a paved area with some low stone walls, a small circular planter with flowers, and a few wooden benches. A large, multi-story building on the right has a balcony with a metal railing. The sky is dark blue, indicating it's nighttime.

WARM COLOR TEMPERATURE FOR HISTORIC QUARTERS

This luminaire can be supplied in warm and ultra-warm color temperatures (CCT). ATP recommends 1800 K, particularly for lighting projects in historic quarters. This CCT combines coziness with a high CRI (>70) and a spectral radiant flux below 440 nm of only 0.31 %, which helps mitigate light pollution.

PC Amber

1800 K

2200 K

3000 K

4000 K



DIFFERENT COLOR TEMPERATURES FOR DIFFERENT NEEDS

These luminaires are available in other color temperatures, useful to cover different needs: 4000 K and 3000 K for places where a whiter tone is required to promote alertness, 2200 K for rest and recreation areas, and PC Amber for especially sensitive environments, such as observatories or natural parks.

Noreña Main Square, Asturias (Spain)



Soria historic quarter (Spain)



ATP

Soria historic quarter (Spain)



Segovia Main Square (Spain)



Bull Ring of Pamplona (Spain)



Benigno Blanco park, Navia (Spain)

