



ATPiluminacion.com

Alumbrado Técnico Público S.A.
Avenida de Irún, 33 · 31194 · Arre
Navarra, Spain
Tel. (+34) 948 330 712
info@atpiluminacion.com

ref. 237051057



METRÓPOLI 2

**UNLEASH YOUR
CREATIVITY**

**VIBRANT COLORS
WITH BOUNDLESS
POTENTIAL**

DYNAMIC RGB BACKLIT COVER

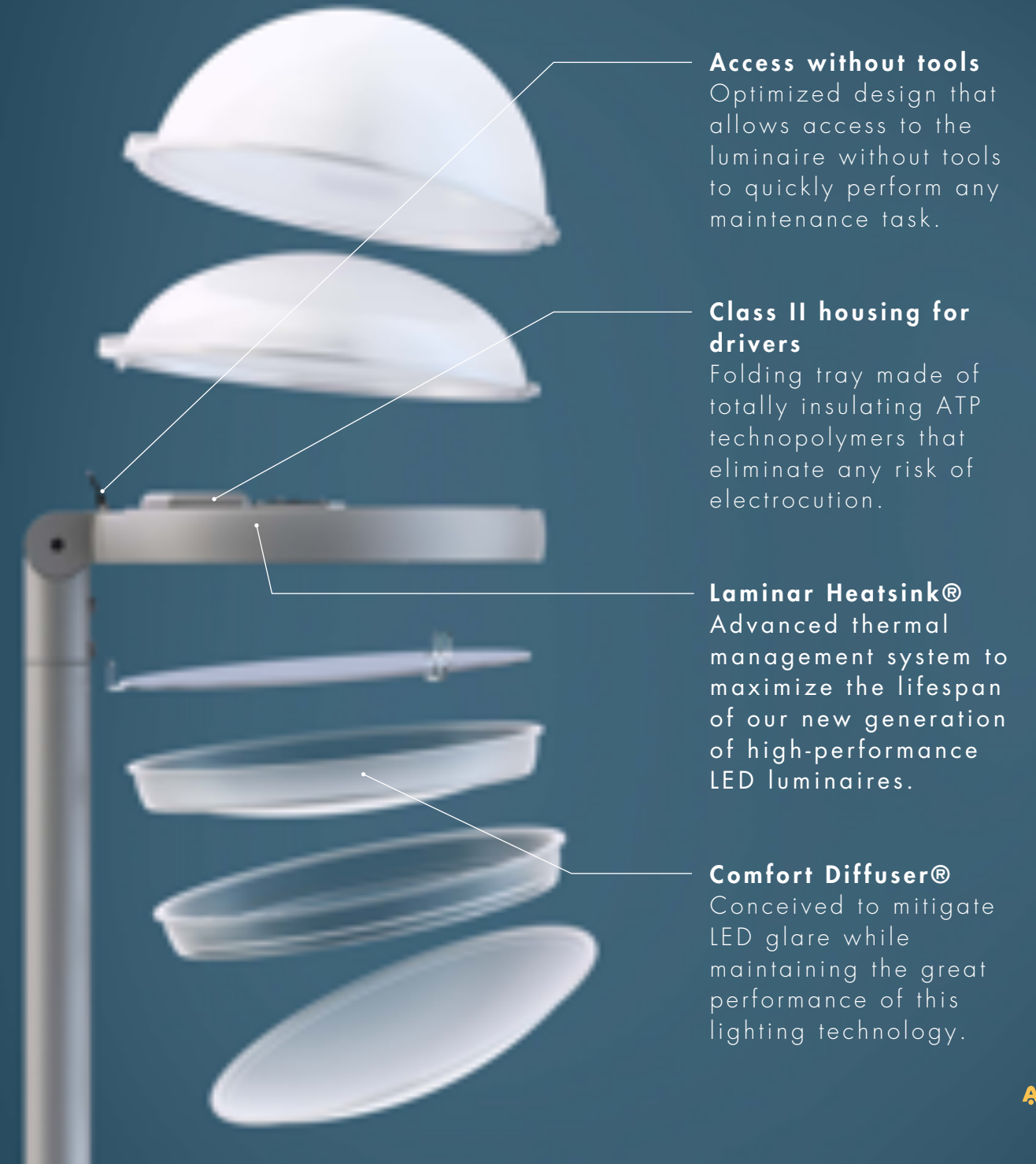
The backlit RGB cover of the luminaire offers limitless lighting possibilities. Controlled remotely, it allows users to select from a wide range of colors, creating versatile and mesmerizing lighting effects. The RGB system enables easy customization with infinite options, ranging from fixed colors for road user signaling to dynamic lighting scenes with sequenced hue changes.

CAPTIVATING AMBIANCE TRANSFORMATIONS

The ultimate ambiance transformation experience awaits. Users can effortlessly adjust customized RGB lighting scenes and also create enchanting ornamental light shows. From setting the perfect mood and aesthetics for any occasion to captivating audiences with dynamic displays, this feature offers unparalleled versatility and boundless creativity for any need.

ONE HI-TECH CORE, MULTIPLE CONFIGURATIONS

This luminaire is designed to achieve various appearances using the same hi-tech core with every state-of-the-art ATP innovation. Its exterior modularity allows for combining different covers, diffusers, and rings, making the product fully customizable and increasing its adaptability to different aesthetic contexts.



Access without tools
Optimized design that allows access to the luminaire without tools to quickly perform any maintenance task.

Class II housing for drivers
Folding tray made of totally insulating ATP technopolymers that eliminate any risk of electrocution.

Laminar Heatsink®
Advanced thermal management system to maximize the lifespan of our new generation of high-performance LED luminaires.

Comfort Diffuser®
Conceived to mitigate LED glare while maintaining the great performance of this lighting technology.

COLOR RINGS FOR ALLURING COMBINATIONS

Customizable color rings are the ideal addition to the backlit cover, enabling the creation of attractive combinations using the extensive range of hues achievable with the RGB system. Available in blue, green, red, yellow, and white.



ENDLESS BACKLIGHT POSSIBILITIES

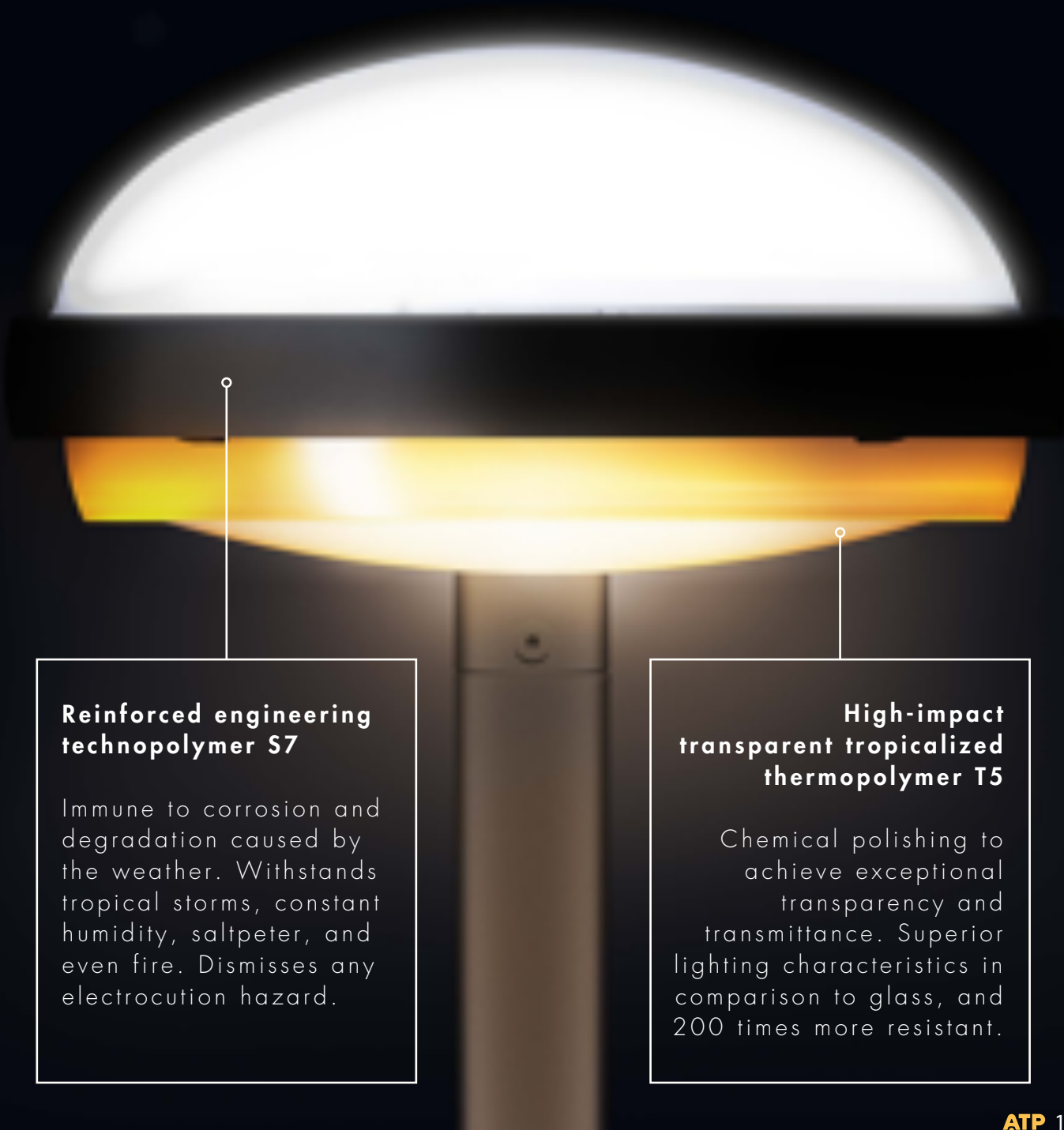
The RGB backlit cover system offers endless possibilities, from enhancing roadway safety with signals for road closures, construction precautions, children crossing, and air quality, to crafting mesmerizing chromatic displays that set the mood for events and monumental areas. It is also possible to create unforgettable light shows for festive celebrations.





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.



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.

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.

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.



IK 10+ :

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.



IP 66 + :

Fully hermetic

A compact build 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.

LAMINAR HEATSINK®

This internationally patented device maximizes the service 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.



LED temperature

-21 %



Service life

+27 %



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.



EMBEDDED ZHAGA/ NEMA CONNECTOR

Due to its thoughtful design and polymeric materials, this luminaire incorporates the Zhaga/NEMA connector within the enclosure. This feature is crucial for ornamental luminaires where the design takes center stage, enabling the inclusion of remote management nodes without compromising the product's external appearance.



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.

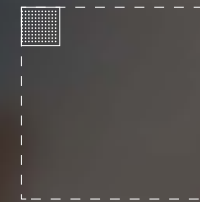


HI-TECH MATERIALS FOR VISUAL COMFORT

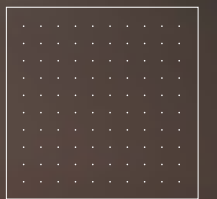
Based on exhaustive research that takes into account various phenomena of light physics, and observing the inversely proportional relation between surface and light intensity, we have managed to isolate the aspects that should be modified to obtain maximum comfort while maintaining efficacy.

Transparent diffuser


Comfort Diffuser®



The larger the luminous area, the less the glare.



The Comfort Diffuser® has 490% more luminous area.

A photograph of a modern, multi-story building with a curved facade and large glass windows. The building is illuminated from within, and the scene is captured at night. In the foreground, there is a landscaped area with tall, golden-brown grasses and a paved walkway. A street lamp is visible, casting a warm glow. The overall atmosphere is modern and sophisticated.

ENVIRONMENTALLY CARING WARM COLOR TEMPERATURE

This luminaire can be supplied in warm and ultra-warm color temperatures (CCT). ATP recommends ultra-warm 1800 K for urban exterior lighting projects. 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 and protect the environment.

COLOR TEMPERATURES FOR EVERY NEED



PC Amber



1800 K



2200 K



2700 K



3000 K



4000 K

