

SMART POLES





T·LUCE[®]

LIGHT
AS AN EXPRESSION
OF LIFE



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Probus

The smart lighting-based multi-functional system to connect people to their social environment.

Much more than a lighting system, Probus brings added value to outdoor living spaces.

It goes far beyond lighting by integrating features such as loudspeakers, CCTV cameras, WiFi, intercoms, EV chargers and a light ring.

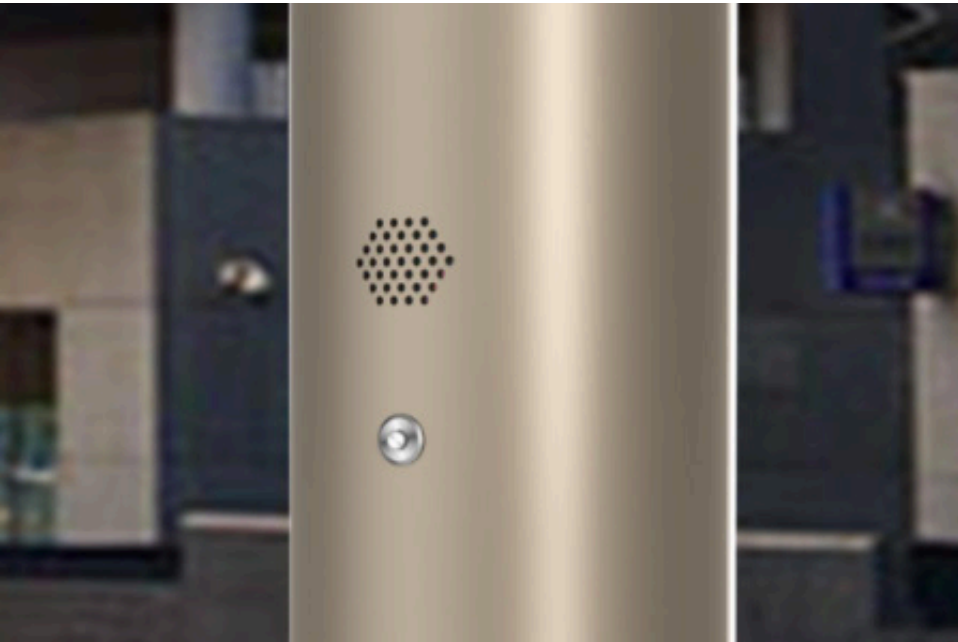
It offers unlimited opportunities to enhance the quality of life for residents and visitors.

Thanks to its flexible and modular design, **Probus is a completely energy efficient** yet affordable smart city solution that requires very low maintenance.

By leveraging this smart system, managers of cities and privately-managed sites infrastructure **can secure better services and infrastructure for themselves and their citizens.**

In addition, Probus is a sustainable solution, **available with a specific coating** that makes it adapted to demanding environments such as seafronts and piers.





Lighting

Multiple lighting possibilities for all kinds of environment

Available with a range of smart lighting modules, **Probus can provide solutions adapted to any type of urban environment or facility.** It can integrate a 360° or 180° lighting module or even another luminaire on a side-bracket, to provide the perfect solution for lighting streets, pedestrian crossings, squares, parks, car parks or even building façades, monuments and statues.

The Probus lighting modules are available with various lumen outputs and photometries to provide an efficient and comfortable lighting. Thanks to its unique concept **with rotatable modules, the direction can be adapted precisely on-site.** Discover the different types of lighting modules you can combine to configure your unique Probus solution!

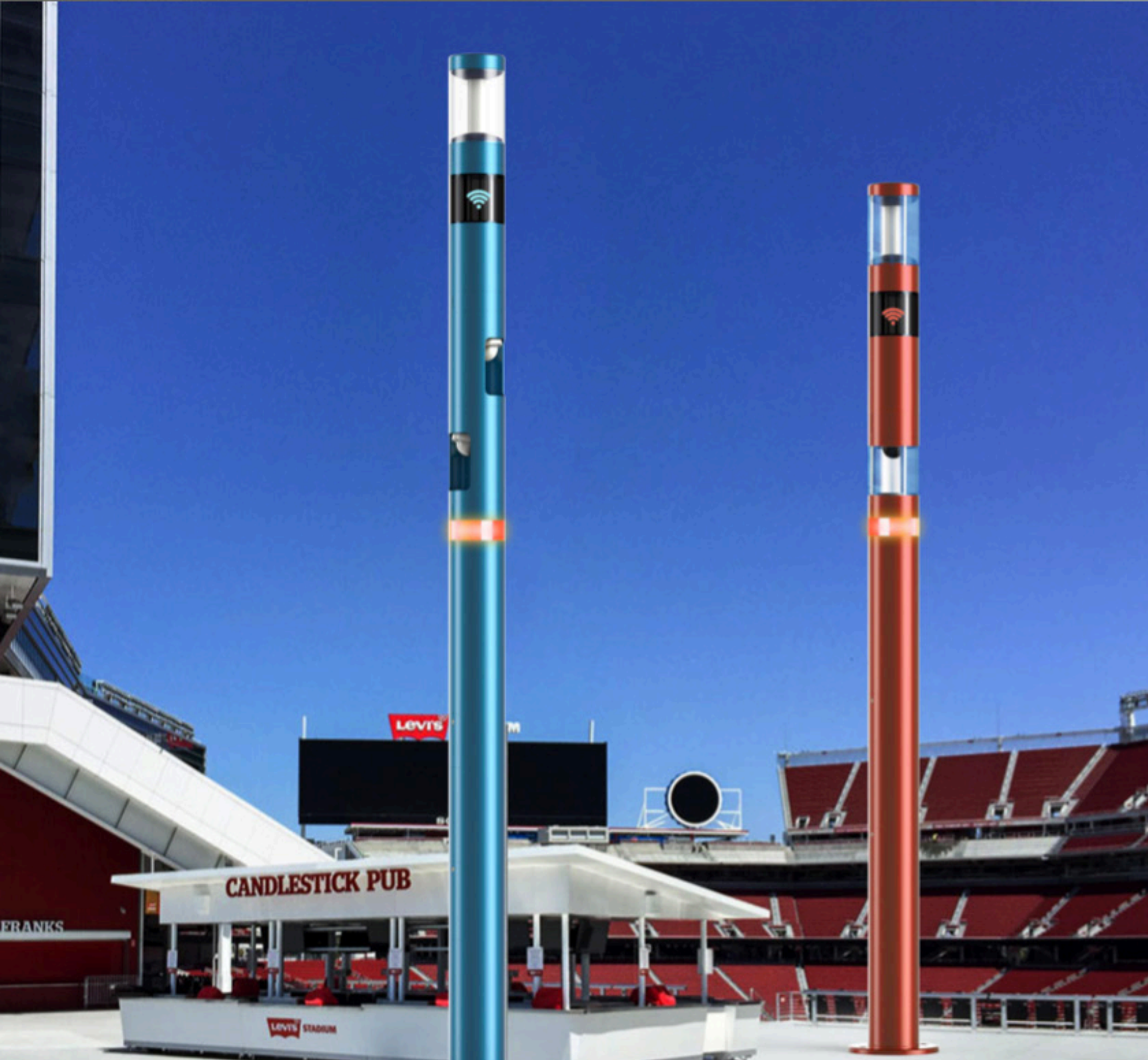
Connectivity

Stay connected at all times

As it can integrate various connectivity modules, **Probus offers a robust and fast internet connection for outdoor public areas.** The bandwidth can be divided to assign a part to city operators with the other part available for the general public so people can stay connected.

Designed to provide internet in outdoor spaces, the **WLAN modules are suited for both cities and privately-owned facilities.** Probus also offers telecom operators the possibility to acquire sites to deploy 4G/5G in cities.





Security

Create a sense of safety

By adding modules that enhance security to the Probus column, **you can reduce crime, deter unwanted behaviour in public areas and increase the feeling of safety**. It gives security operators access to existing sites, to the available power supply and to regularly maintained infrastructure. Cameras help to monitor spaces while loudspeakers can broadcast announcements. **An emergency button and an intercom can also be easily integrated** to help people in distress while a flashing light ring can guide emergency services to the right place.

Mobility

Promote a more sustainable form of mobility

As the need for a greener mobility grows, electric vehicles are becoming more affordable. **The Probus can incorporate an advanced AC charging station to offer an e-mobility solution**. Seamlessly integrated into the Probus pole, the EV charger can be combined with a light ring that switches from one colour to another to indicate if the charger is available.





Identity & Infotainment

When utility and entertainment become one

The Probus lighting system is ideal to create an identity and provide information or entertainment for your outdoor environment. **It can provide services to help create the best conditions to make people truly feel at home in public areas.** With its coloured light ring, it can create ambiance or be used as a flashing light in case of an emergency. It can also indicate if an EV charger is being used by switching colour. **Loudspeakers can also enhance the experience by broadcasting music, announcements or advertisements.**

Spacers

Create FutureProof combinations

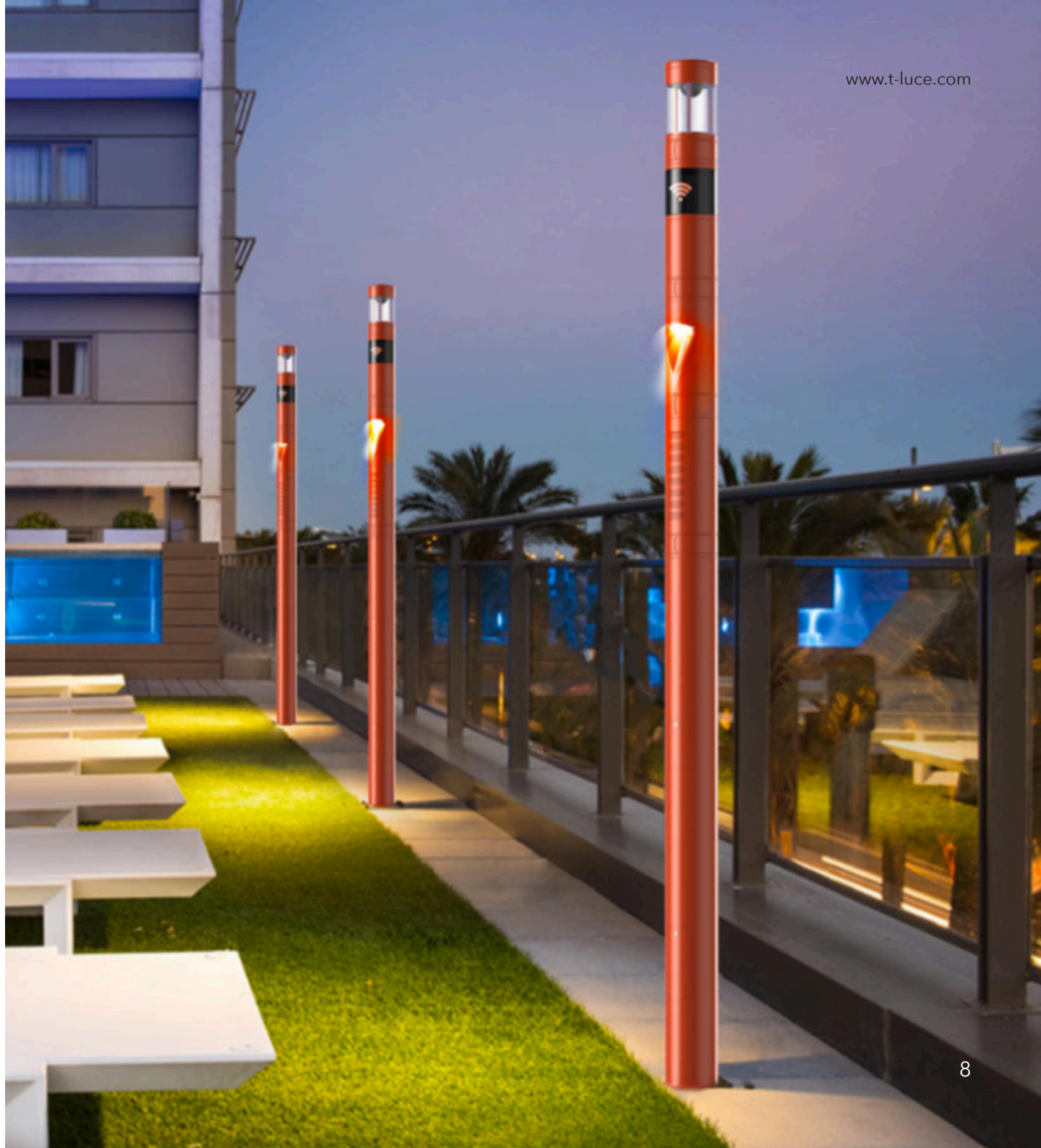
Probus provides multiple possibilities by combining up to 5 modules.

This versatile column can be fitted with spacers - equivalent to 1, 2 or 3 modules - that can be replaced by other modules in the future, when a new service is required.





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Multiple services for citizens

Probus improves services for people.

This smart city-oriented lighting column **can help to monitor traffic, report intrusion alerts, manage crowds, supervise emergency interventions** and much more.

Smart lighting system

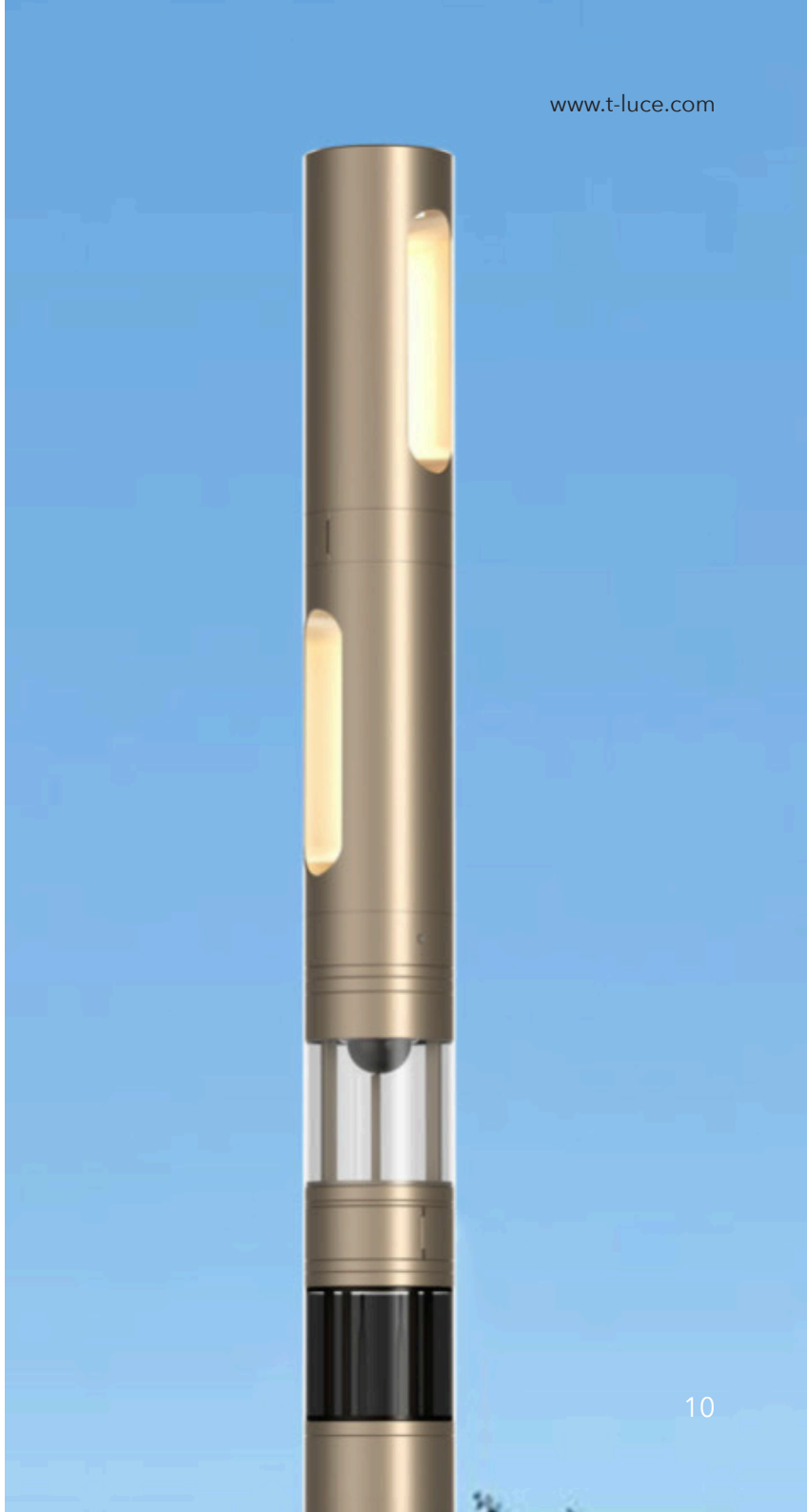
Smart street lights are the gateway to a true smart city.

By leveraging this infrastructure, **cities can provide people-centered smart services that improve sustainable mobility**, heighten safety, enhance comfort, preserve wild life, connect people everywhere, support public services and stimulate social interactions.

Aesthetic urban lighting solution

The Probus lighting system offers multiple technologies in one eye-pleasing column. **This smart design reduces clutter on public spaces** while bringing an aesthetic touch to outdoor living spaces.



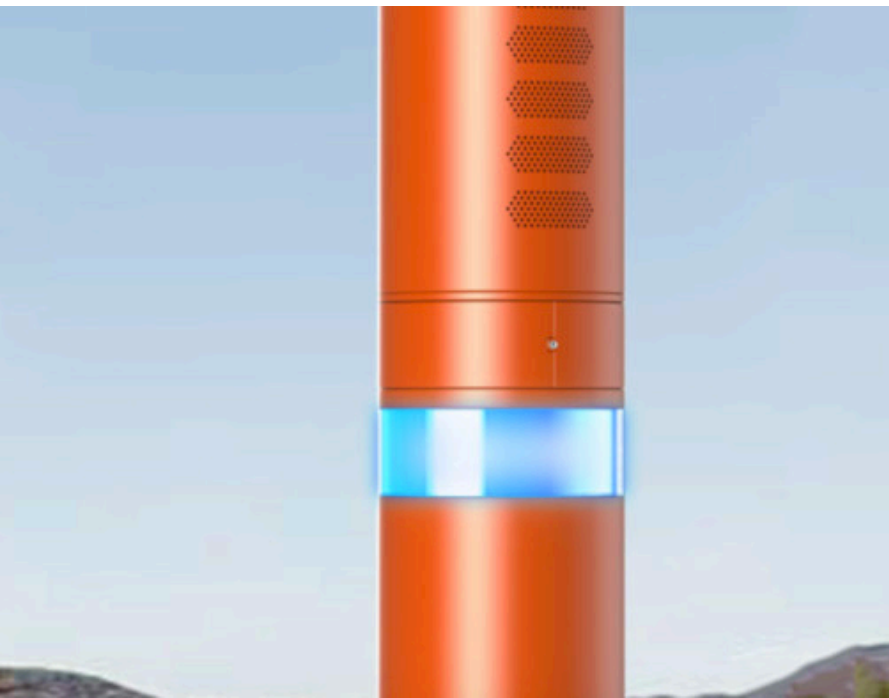


Cost-effective lighting system

The LED lighting solutions are energy-efficient and sustainable.

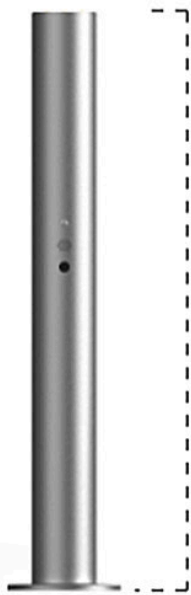
In addition, Probus enables towns and cities to create a new source of revenue. **Telecom operators are keen to find new sites for their cellular infrastructure and will pay for them.** Probus provides the required infrastructure to deploy 4G/5G connectivity by integrating small cells throughout towns and cities.





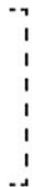


MAIN MODULE



1500 mm

SPEAKER



600 mm

WIFI



457 mm

LED



480 mm

CAMERA



400 mm

TL-PB-026

INSTALLATION



1



2



3



4





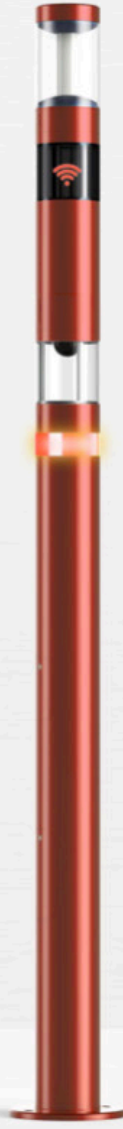
T·LUCE®



TL-PB-001



TL-PB-002



TL-PB-003



TL-PB-004



TL-PB-005



TL-PB-006



TL-PB-007



TL-PB-008



TL-PB-009



TL-PB-010



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