# iLamp

## Pennsylvania


Pennsylvania Population

**Approximately 13 Million**

GDP

**$817.2 Billion**

Annual Transportation Budget

**Over $10 Billion**

CO2 Emissions Reduction Potential

**Up to 40 million metric tons nationwide, if smart streetlights are widely adopted**

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iLamp, the modular smart streetlight, is revolutionizing urban infrastructure across the United States, providing energy-efficient, cost-effective, and data-driven solutions. With a population of approximately 13 million and an annual transportation budget of over $10 billion, Pennsylvania can greatly benefit from the implementation of iLamp technology. These streetlights integrate a range of sensors, data analytics, and connectivity options to create a connected city, offering numerous benefits such as optimized energy consumption, improved public safety, and enhanced environmental monitoring.

## Customized Solutions for Pennsylvania

Pennsylvania experiences a wide range of weather conditions, including snowstorms and severe thunderstorms. iLamp's modular design allows for the integration of weather monitoring sensors, which can provide real-time data on weather conditions, enabling faster and more efficient responses to severe weather events. By implementing these streetlights, Pennsylvania can improve its ability to respond to weather-related emergencies and ensure the safety of its residents.

## Optimized Energy Consumption and Grid Relief

The iLamp leverages advanced solar, generator, and battery technologies to achieve self-powered operation. This not only reduces energy consumption by adjusting brightness levels based on real-time data but also relieves grid strain and maintains illumination during power outages. Pennsylvania could significantly benefit from these streetlights, as they can contribute to cost savings and improved energy resilience.

## Improved Public Safety and Emergency Response

Equipped with cameras, motion sensors, and noise sensors, iLamp streetlights bolster public safety by monitoring urban areas and enabling faster emergency responses. These features can be particularly beneficial in Pennsylvania, where timely and efficient responses to natural disasters and other emergencies are crucial.

> *Creativity is the power to correct the seemingly unconnected.* - Nikola Tesla

## Sustainable Urban Development and Traffic Mitigation

iLamp streetlights collect real-time data on traffic flow, allowing city planners to optimize traffic signals and implement dynamic traffic management strategies. This can contribute to reduced congestion, lower emissions, and improved transportation efficiency in Pennsylvania's urban areas.

## Environmental Monitoring and Urban Sustainability

With air quality and noise sensors, iLamp streetlights monitor environmental conditions, providing valuable data to support urban sustainability initiatives. By implementing these streetlights, Pennsylvania can address pollution and noise concerns, fostering healthier and more livable communities.

## Digital Infrastructure and Economic Growth

iLamp streetlights can serve as a backbone for 5G networks and other smart city applications, promoting digital inclusion and economic growth. By adopting this technology, Pennsylvania can attract businesses and investments, leading to increased job opportunities and a stronger economy.

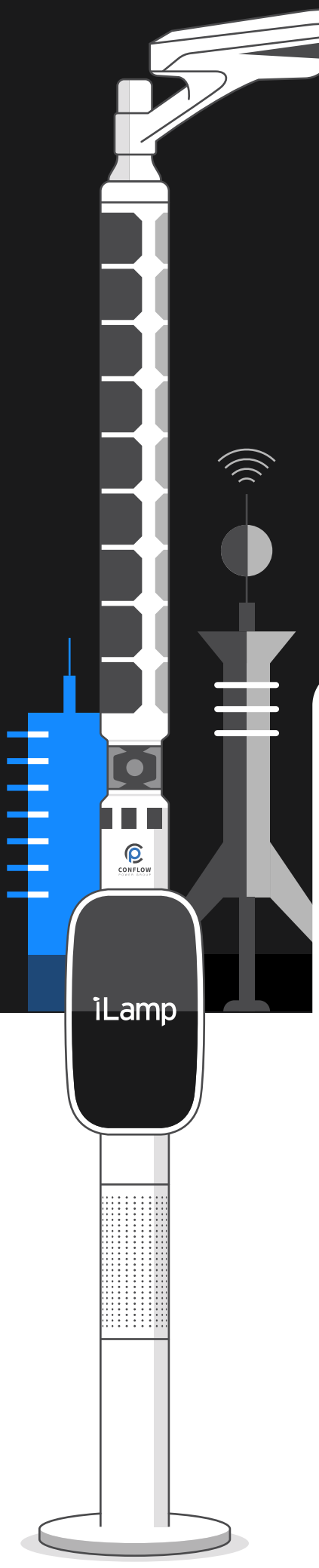
## Financial Incentives and Licensing Benefits

Licensing iLamp for the territory of Pennsylvania will help the state by bringing local jobs for installation and maintenance, keeping all the money local, and potentially transforming street lighting from a cost center to a profit center. Cede will fund up to 90% of the territorial license cost subject to approval, and iLamp provides support and training to replicate their success in California.

By implementing iLamp modular smart streetlights in Pennsylvania, the state can enjoy numerous benefits ranging from optimized energy consumption and improved public safety to enhanced environmental monitoring and digital infrastructure development. Embracing this innovative technology can pave the way for sustainable urban development and transform Pennsylvania's cities into connected, efficient, and resilient urban environments.

iLamp

# Reinventing Street Lighting For A Smart And Sustainable Future




## Revolutionary Smart Streetlight

iLamp, the future of street lighting, goes beyond simple illumination. It's a self-powered, modular, and easily identifiable smart lighting system.

## Powerful Modular System

Easily add new modules to expand the capabilities of iLamp, including 24/7 360° video, Auto-Light, WiFi, EV charging, 5G connectivity, gunshot detection, and a suite of environmental sensors.

## Revenue Generation

iLamp offers an innovative platform for third-party modules, turning street lamps into a valuable, rentable real estate that generates consistent revenue.

## Power as a Service (PaaS)

Partner with local power companies to become autonomous utility suppliers, offering green kilowatt-hours (GkWh) of self-generated power.

## Supporting Net-Zero Targets

iLamp's self-powering capacity helps cities reduce carbon footprints and make strides toward climate goals.

## Optimized Lighting Conditions

iLamp ensures optimal lighting for roads and highways, enhancing visibility, and contributing to the Vision Zero goal of eliminating traffic-related fatalities and serious injuries.

## Integrated Advanced Systems

iLamp allows the integration of advanced camera and communication systems for improved monitoring, faster emergency response, and better adaptability to traffic conditions.

## Versatile Installation

iLamp can be installed in public spaces, co-operated with utilities, deployed by developers, or owned by private entities for campuses, car parks, industrial parks, and more.

## Public Health, Safety, and Security

iLamp enhances public wellbeing by providing light, power, security, and critical data for overall public health and safety.

**Experience the future of street lighting with iLamp - the smart, sustainable choice for a brighter, safer, and smarter world.**

# Public security and health

## Road Safety

iLamp can positively impact road safety by providing optimal lighting conditions on roads and highways. Its adaptive lighting capabilities can adjust brightness according to traffic conditions, enhancing safety during peak hours and adverse weather conditions. Additionally, modular camera and communications systems can help monitor traffic, detect potential hazards, and improve response times to accidents, further improving road safety.

## Pedestrian Safety

iLamp improves pedestrian safety by providing adequate lighting in areas such as sidewalks, crosswalks, and public transportation stops. Modular cameras can be used to monitor pedestrian movement and help identify potential hazards, ensuring a safer environment for walking and other outdoor activities.

## Weather Monitoring Module

Weather sensors can detect changing weather conditions, such as fog, rain, or snow, and adjust the intensity and distribution of light accordingly. This adaptability enhances visibility for drivers and pedestrians in adverse weather conditions, further improving public safety.

## Air Quality Module

Air quality monitoring can help track pollution levels in real-time, allowing authorities to implement appropriate measures to limit exposure and maintain a healthy environment. By monitoring and addressing air quality concerns, iLamp contributes to improved broader public health and well-being.

## Communications

Communication modules can both expand telecoms coverage and facilitate the transmission of critical information to the relevant authorities and emergency services in case of accidents or security incidents. This real-time communication can help improve response times and overall public safety.

## Light Polution Reduction

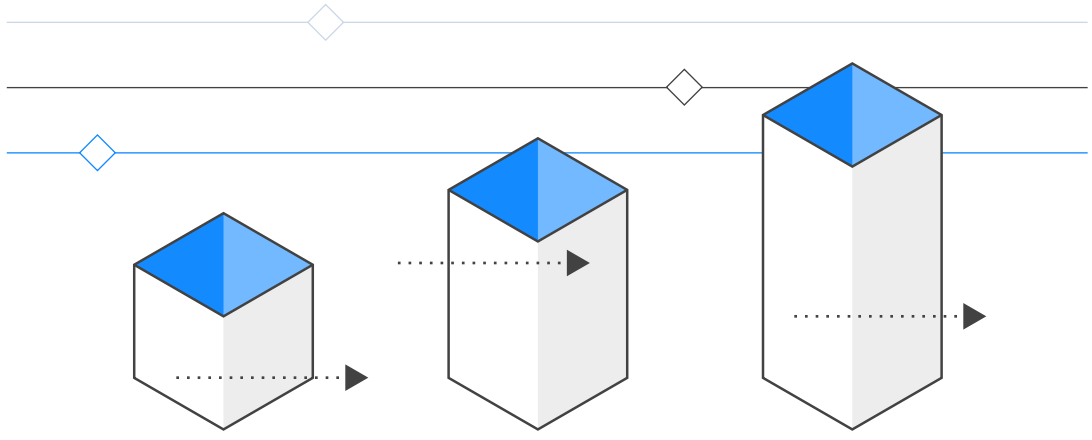
The adaptive lighting capabilities of iLamp can minimize light pollution by adjusting brightness levels according to the time of day and surrounding conditions. This can contribute to a better night-time environment, reducing the impact of artificial light on wildlife and human health.

## Integration with Existing Infrastructure

iLamp technology can integrate with existing sensors and infrastructure, allowing for enhanced data collection and analysis. By connecting iLamp with sensors a modules facilitating parking, traffic management, telecommunications structural, UV and noise monitoring, fire, leak and flood detection, grid management and many more.

Communication modules can facilitate real-time data transmission between these sensors, creating a comprehensive and interconnected network enabling authorities to monitor and manage various aspects of urban living more effectively. This network of sensors can lead to improved decision-making, more efficient use of resources, and a better understanding of the urban environment.

# Stages



## 1. Reservation

Reserve the territory on ILOCX using the account of the potential licensee: https://app.ilocx.com/territory.

- Once this phase is complete the potential licensee has 12 months to trigger the territorial license or lose the option.
- If you have purchased 100,000 ILO units in iLamp in the alternative offer then all these payments are considered paid.

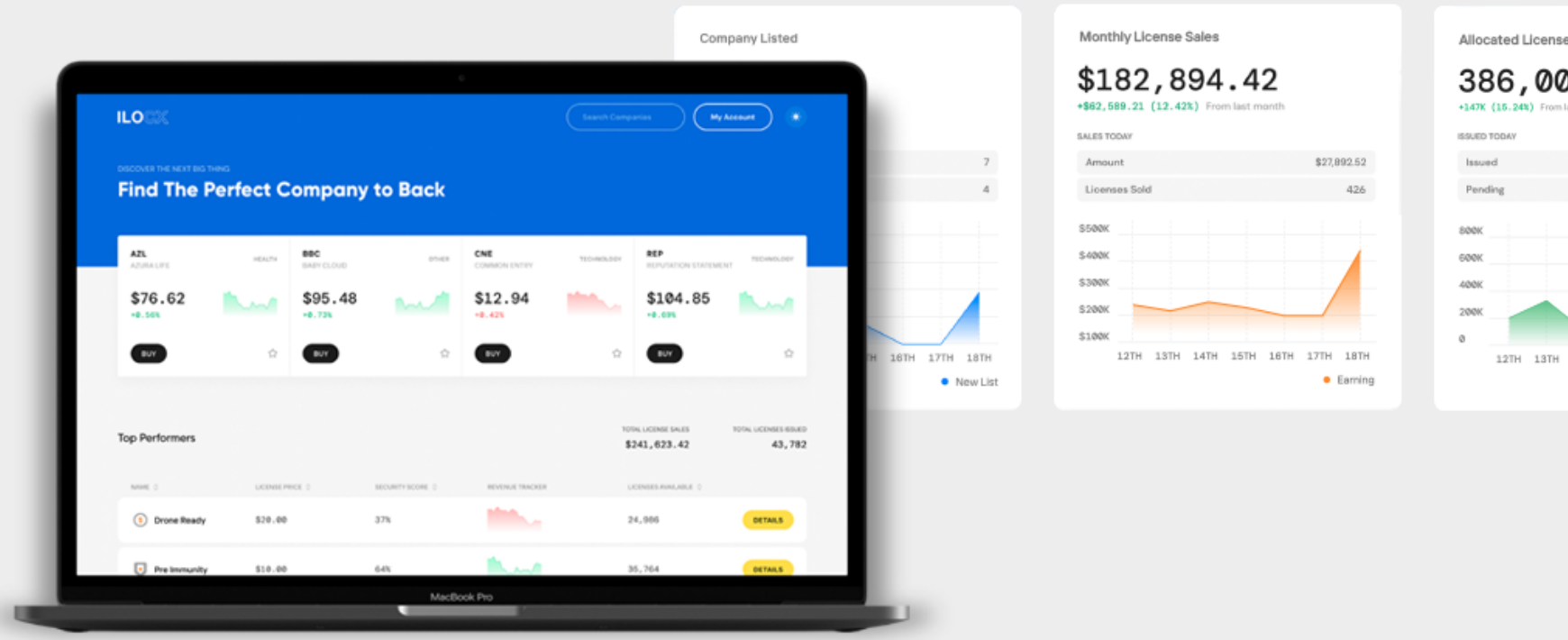
## 2. Get Started

Once triggered the deposit needs to be paid, totalling $300,000, this covers all costs to install a pilot scheme in the location chosen.

- This will include delivery and installation of an autonomous iLamp as a demonstration to land sales and mass installations.
- This also covers:
  - The costs to list iLamp Oregon on the ILOCX for all upfront and first year listing fees.
  - This building and delivery of a website for Oregon.
  - All media and images, all data and point of sale aids, email addresses, and this detailed report covering competition, USP's, market size, list of potential partners, HQ assistance for news and localized promotion of iLamp in the territory.

## 3. The Details

Once the option fee and deposit are paid a local legal entity needs to be formed to hold the license. We will update the roadmap document on a continuous basis to establish local manufacturers, register as a local autonomous utility and expand commercial contracts and partners.




## Your ILO listing

List using the ILO Framework to raise money to finance your exclusive iLamp license while building local support and an online sales team to drive pre-sales.

### RAISE MONEY AS YOU NEED IT

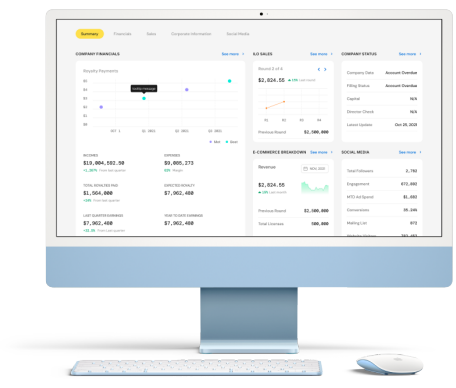
Get access to the funds you need, as you need them, smoothing your fundraising process.

### BUILD A TEAM

ILOCX framework helps companies to build effective teams that are properly rewarded.

### REWARD PARTICIPATION

Incentivize buyers with sub-licensing, ILOCX rewards, your own affiliate program and license classes.



## Listing Requirements

iLamp licenses are prequalified to list and receive an ILO instance and will be priority listed through our streamlined process with a dedicated listing manager.

Listing fees for iLamp licenses are waived for the first year, then only $25,000 per year.

Listings with over $1 million in sales are listed on the board at ILOCX.com.

**100+**
Total companies listed

**Millions**
Total licenses issued

**10X**
Returns already booked