

The iLamp

What is iLamp?

iLamp is a groundbreaking, self powered, modular, and enhanced lighting solution designed to address multiple urban challenges. By integrating autonomous power generation capabilities, and monetizing them iLamp alleviates grid strain and contributes to energy sustainability while generating its own revenue. Its modular design supports a wide range of smart city applications, offering further monetization opportunities and revenue streams and making it a future-proof solution for urban infrastructure.

Equipped with low profile, cylindrical solar panels, iLamp harnesses renewable energy, storing it in batteries for efficient distribution. This setup powers street lighting and supports various smart sensors and modules, eliminating transmission costs and reducing emissions to near zero.

Each iLamp is customizable to meet the needs of different neighborhoods—supporting add-ons like 5G WiFi, traffic management, CCTV, environmental sensors and a plethora of other modules, sensors and software. This modularity ensures a quick, plug-and-play setup, making it adaptable and future-proof.

iLamp qualifies as enhanced street lighting, which has been shown to reduce crime by 20-40%. Implementing iLamp can therefore significantly reduce various crimes, improve public safety, improving quality of life and stimulating the local economy.

Through its App and Module Stores, iLamp is a dynamic framework for hardware and software ingenuity, similar to Google Play and Apple App Store. It transcends its primary function, offering a comprehensive urban solution.

iLamp is not just a streetlight; it is a comprehensive urban solution designed to enhance safety, sustainability, and economic growth. By leveraging advanced technology and modular design, iLamp offers neighborhoods across Houston a future proof infrastructure that adapts to evolving needs, making neighborhoods safer, more attractive, and better connected.

Whether through crime reduction, economic stimulation, or health and environment benefits, iLamp stands as a beacon of innovation in urban development, illuminating the future around it.

