iLamp

Sublicense Report
for Houston

iLamp

Houston Population
2.303 Million

GDP
513.28 Billion

Estimated Streetlights
200,361

Street lighting is the largest single source of carbon emissions from local governments, typically 30-60% of their total emissions.

Enhanced lighting leads to significant and sustained reductions in both night and daytime outdoor crimes with a benefit cost ratio of 5.1–10.8.

On residential roads 3.1% of accidents are fatal in lit conditions, rising to 4.9% in areas without street lights.

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Houston represents perhaps the biggest opportunity for iLamp not just in Texas but in the entire USA due to its unparalleled metrics of rapid housing and population growth. This dynamic expansion provides the perfect environment for innovative technologies to be integrated into new developments, which are the fastest growing in the country.

Houston's willingness to adopt smart technology solutions, coupled with the vast potential for impact on smart safety and futureproofing the city, underscores its suitability for iLamp's streetlighting and smart city solutions. By alleviating grid strain and transforming neighborhood safety across its massive 599 square miles, iLamp can play a pivotal role in shaping Houston's urban landscape into a more secure, sustainable, and technologically advanced city.

An in depth deep dive into the demographics and statistics of each Houston neighborhood and ZIP code has revealed the extent of the opportunity for iLamp. This comprehensive analysis highlights specific areas where the implementation of iLamp's advanced streetlighting solutions can have the most significant impact. The detailed results of this study are available in this document, providing a clear roadmap for how iLamp can transform Houston's diverse and rapidly growing urban landscape.

Made in Texas: iLamp's commitment to local rights drives job creation across various sectors, including production, installation, upgrades, add-ons and maintenance. By leveraging regional talent and materials, it fosters economic growth and supports regional prosperity. This approach aligns with Houston's burgeoning status as a top city for new home construction and real estate activity. Additionally, iLamp licensee's can sub-licensing rights for specific areas, neighborhoods, regions or sectors, creating new revenue streams and reinforcing the local economy's strength.

Safer Neighborhoods: iLamp's advanced street lighting solutions significantly enhance public safety by improving visibility and deterring crime. Studies have shown that enhanced street lighting leads to sustained reductions in crime rates of over 40%. In Houston, this could mean a substantial

> " *Creativity is the power to correct the seemingly unconnected.*
> - William Plomer

decrease in vehicle-related crimes and other offenses, contributing to safer, more secure neighborhoods. The adaptive lighting technology responds to real-time conditions, ensuring optimal illumination where and when it's needed most, thus enhancing the overall sense of community safety.

Increased House Prices: Enhanced street lighting directly correlates with increased property values. A 1% reduction in crime can lead to an approximate 0.5% to 1% increase in property values. Given Houston's average home price of $340k, improved street lighting in under-lit areas could potentially boost property values by up to $68k per house. This increase is driven by improved perceptions of safety, higher demand for housing in well-lit, secure neighborhoods, and overall economic stability.

Improved Health: iLamp's integrated environmental sensors monitor air quality and other environmental factors, providing real-time data that empowers residents and policymakers to take proactive measures to reduce exposure to harmful substances, and warn allergy sufferers allowing them to take extra precautions. Better air monitoring directly contributes to reduced respiratory issues, reducion in symptoms of allergy sufferers, and other health benefits, fostering a healthier community.

Local Rights: iLamp's focus on local manufacturing and the potential for sub-licensing rights ensures that the benefits of this innovative technology remain within the community. This approach not only creates jobs but also supports local businesses and economic initiatives. By prioritizing regional talent and resources, iLamp reinforces Houston's commitment to local growth and technological advancement.

Perpetual Revenue: Sublciensing rights, lamp sales, installation and maintainance, hardware modules, app store, power as a service all offer the license holder varied sources of revenue.

Unlimited Growth: Sublicensee's are part of the Conflow Power family and are preferential partners for all new product roll outs in their region.

The iLamp

What are we selling?

iLamp is a self-powered enhanced lighting solution that reduce strain on Houston's power grid. By integrating autonomous power generation capabilities, iLamp alieviates grid strain, contributing to energy sustainability. The modular design of iLamp supports a wide range of smart city applications, making it a future-proof solution for urban infrastructure.

iLamp's modular platform can be tailored to meet the specific needs of different neighborhoods. It supports various add-ons including 5G WiFi and communications, traffic management systems, CCTV, microphones, advertising displays, public and private connectivity, environmental and weather sensors, fire and gas leak detectors, health monitoring sensors, noise cameras, and even EV charging stations. This modularity allows developers to create custom hardware and software modules that seamlessly integrate with iLamp's power and data management systems, ensuring a quick, plug-and-play setup.

Houston's rapid growth and underlit neighborhoods present a unique opportunity for iLamp to make a significant impact. By addressing the lighting shortfall relative to the city's expanding population and housing market, iLamp can enhance safety, increase property values, and improve public health. With its self-powered, modular design, iLamp provides a future-proof, smart city-capable solution that can be adapted to meet the specific needs of different areas. As Houston continues to grow, the need for innovative solutions like iLamp becomes ever more critical, ensuring that the city remains a safe, healthy, and desirable place to live.

The cost of the licensing rights to the greater Houston area which encompasses several counties and is based on a population of 2.3 million would be $17 million. There are projected to be at least 200,361 public street lights currently in this area. New building projects and infrastructure expansion should add to the number of street lamps. The exclusive distribution license for the greater Houston area allows for controlling all iLamp sales and service including licensing sub-distributors in return for license fees and royalty payments.

What is the price?

The wholesale price of an individual iLamp is $5,000 and the retail price is $9,000. Based on calculations with a $4,000 profit on each iLamp sold, an investor would need to sell and install 4250 lamps (less than 1% of the existing street lamps) to break even. Stignificant savings can be realized through

the use of grants from the Inflation Reduction Act and other government alternative energy resource grants and programs. Revenue is made on each iLamp sold and from a percentage of the annual revenue obtained from solar power generated electricity that is sold back to the grid, rental revenue from downloaded Apps (WiFi routers, 5G telecommunications, security cameras, etc.). For example selling and installing 1000 new lamps a year generates $4MM in revenue that can be used to pay the loan and cover overhead expenses. Replacing 10,000 lamps/year (less than 2% of existing street lamps) generates $40MM in gross revenue.

Projecting over a 5 year period, the installation of 50,000 energy efficient, revenue generating iLamps would generate $200MM and involve replacing Any public or private entity that needs energy-saving, revenue-generating lighting, with additional WiFi, 5G telecommunications, security and traffic monitoring functionality for their streets and highways, parking lots and backyards. These entities would include public municipalities, individual home owners, home owner associations, business owners with parking lots, etc.
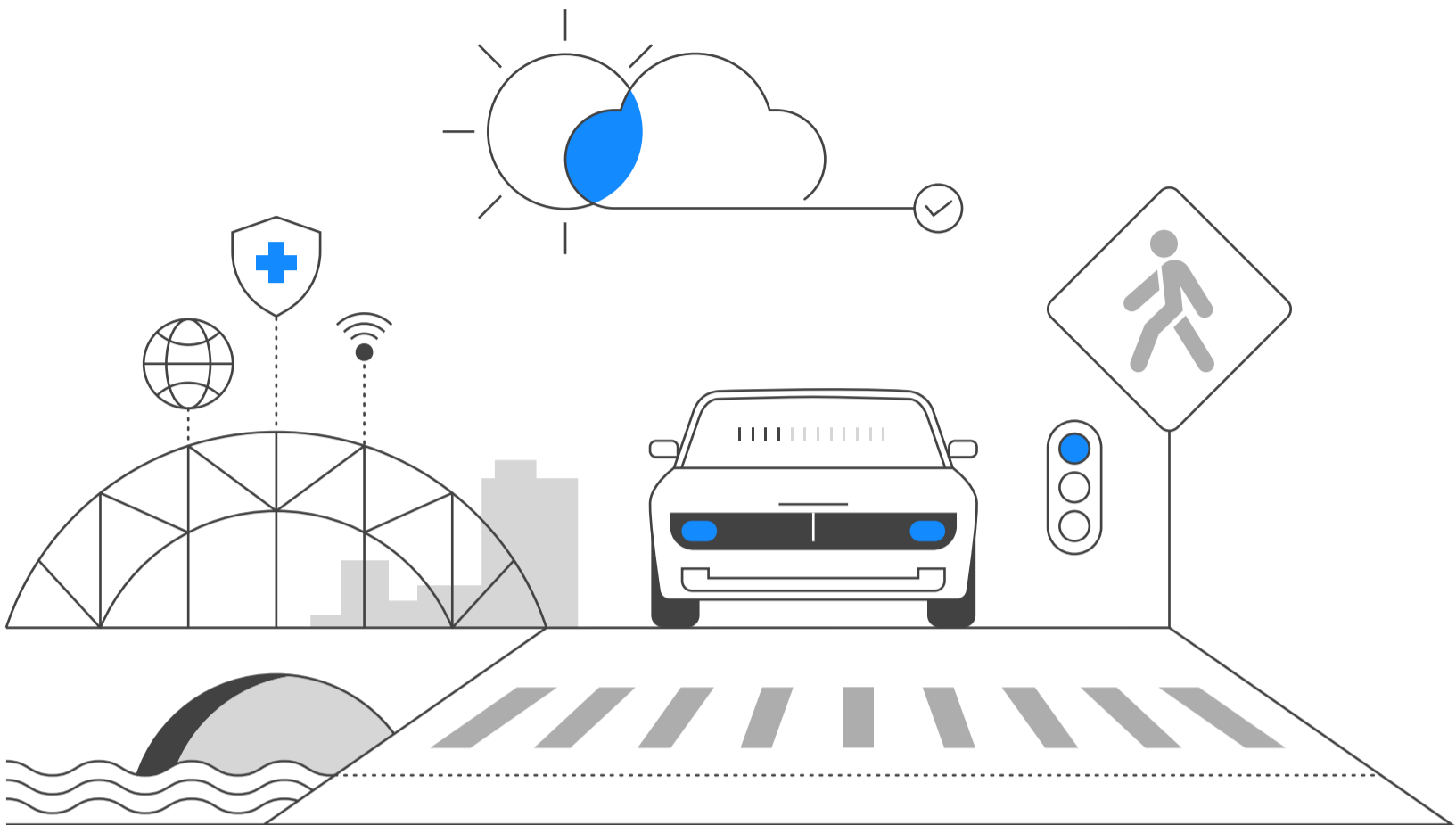
The Market - Who are the end users when it comes to the installation of iLamps in the greater Houston area? Why would the decision makers decide to install new or replace old lamps?

iLamp significantly reduces the risk of accidents, making it easier for both drivers and pedestrians to see each other. iLamps enhanced lighting deters crime, extending the hours of safe mobility for pedestrians, allowing people to access public transportation, go shopping, or visit friends and family after sunset. This increased mobility contributes to a better quality of life and helps communities thrive. Proper street lighting enhances the overall well-being of a community. Well-lit streets are inviting and create a sense of security for residents.

iLamp does this while producing it's own energy and revenue while unlocking a plethora of safety and quality of life services through modules and apps offering functionality such as WiFi, 5G telecommunications, security and traffic monitoring functionality for their streets and highways, parking lots and backyards. These entities would include public municipalities, individual home owners, home owner associations, business owners with parking lots, etc.

Why decide to install iLamps?

The many reasons to install iLamps are covered in this document, they

Add-ons and Modules

A Modular Approach to Technological Integration

iLamp's modular design is its cornerstone, inviting a myriad of add-on hardware innovations which can be built in at manufacture or added at any time in the future, future proofing each iLamp and allowing upsells at the time of sale and any future point.

As new hardware modules are in continuos developed by iLamp and it's partners each iLamp becomes a perpetual revenue generator, creating a never ending cycle of recurring revenue and sales fees.

Each of these addon modules consumes power, data and rack space, for which the module is billed via Power as a Service. A module development kit is openly available to all third party developers.

But, iLamp modules are not limited only to hardware, software solutions which make use on onboard sensors, processing power and connectivity can offer a plethora of useful services to iLamp owners, as with mobile app development, where internal sensors of smartphones unlocked a plethora of creative applications, iLamp offers a similar scope for creativity.

From environmental sensors to advanced communication tools, this platform is not just about illumination; it's about revolutionising urban infrastructure and providing a robust, future proofed product that becomes the backbone of the smart cities of the future.

Add-ons and Modules

Road Safety

iLamp positively impacts 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, camera and communications modules support apps to monitor traffic, detect potential hazards, and improve response times to accidents, further improving road safety.

Pedestrian Safety

iLamp improves pedestrian safety by providing enhanced streetlighting in areas such as sidewalks, crosswalks, and public transportation stops. Modular cameras can be used to monitor pedestrian movement and help identify crimes and 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.

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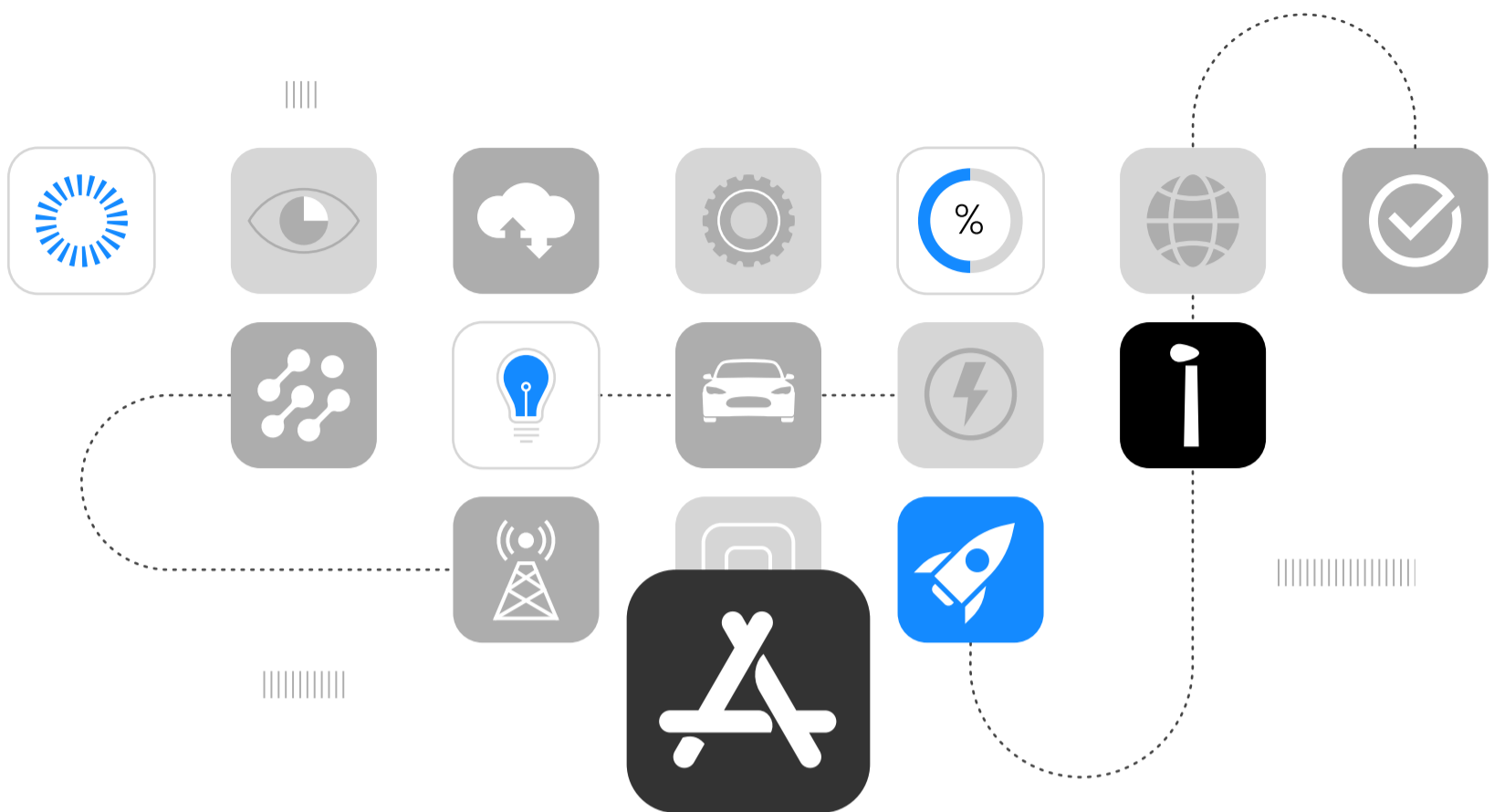
Light Polution Reduction

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

iLamp
App Store
for Urban
Innovation

iLamp stands at the forefront of urban technological evolution, akin to how the Google Play and Apple App Store redefined the landscape of software applications. This innovative street lighting solution transcends its primary function, unfolding as a dynamic framework for both hardware and software ingenuity.

Innovative Solutions

In the iLamp ecosystem, innovative combinations of hardware and software create transformative solutions for urban challenges. For instance, integrated microphones in iLamps enable a software application for gunshot detection and triangulation, providing precise location data for rapid law enforcement response, enhancing public safety. Similarly, iLamps equipped with smoke and heat sensors can detect early signs of forest fires, allowing for prompt alerts to residents and emergency crews, significantly mitigating fire damage and safeguarding communities. Motion sensors and cameras on iLamps optimise traffic flow through AI-driven analysis of traffic patterns, reducing congestion and accident risks, and contributing to a more environmentally friendly urban environment. These examples exemplify iLamp's potential in revolutionising urban living through smart, integrated technology solutions.

Empowering Local Innovation, Impacting Globally

While iLamp's immediate influence is local, enhancing public spaces with smart lighting, its potential for global technology dissemination is significant. This model encourages local developers to contribute to a growing repository of modular solutions, potentially setting new standards in urban technology and smart city development.

Creating a Sustainable Ecosystem

The beauty of the iLamp model lies in its economic and collaborative structure. Territorial holders stand to gain considerably, capturing over 20% of the revenue from apps developed in their region, incentivising territorial holders to promote innovation within their locale but also allowing them to include these novel solutions in their sales pitches, thereby broadening their offer to clients. This creates a symbiotic ecosystem where territorial holders, developers, and end-users benefit mutually.

intelligent lighting

power as a service power allocation, billing etc

communications billing

batteryware monitoring and optimisation

video surveillance

weather monitoring

Sublicensing Opportunity

iLamp is an innovative, autonomous, off-grid solar-powered street lamp designed to revolutionize urban lighting. With multi-functional apps and the ability to sell energy back to the grid, iLamp offers substantial energy savings, enhanced security, and significant revenue generation. As a potential investor, you have the opportunity to capitalize on the burgeoning market for sustainable and intelligent street lighting in the Greater Houston area.

Houston is the nation's leader in building permit activity for housing in 2023, represents a massive market for iLamp. With a population of approximately 7.12 million and at least 600,000 existing street lamps, the region is ripe for modernization and expansion. Projections indicate that new building projects and infrastructure expansion will further increase the number of street lamps needed.

For $17 million, you can secure the exclusive distribution license for iLamp in the Greater Houston area. This license grants you control over all iLamp sales and service, including the ability to license sub-distributors. The potential for additional income from licensing fees and royalty payments enhances the attractiveness of this investment.

Wholesale Price per iLamp: $5,000
Retail Price per iLamp: $9,000
Profit per iLamp: $4,000
Break-Even Point: Sell and install 4,250 lamps (>1% of existing street lamps)
Initial Cost: $1.7 million

Revenue Streams: Direct sales, solar power-generated electricity, rental income from apps (WiFi routers, 5G telecommunications, security cameras, etc.)

Five-Year Projection: Installing 50,000 iLamps could generate $200 million in gross revenue.

Bringing iLamp to the Greater Houston area is a compelling opportunity to participate in a transformative, revenue-generating, and sustainable urban development project. With significant market potential, robust financial projections, and strong legislative support, iLamp is poised to lead the future of intelligent street lighting. Secure your place in this innovative venture and help shape a brighter, more sustainable tomorrow for Houston.

The Houston Market

Underlit Relative to Homes and Population: Houston, the fourth most populous city in the United States, is facing a significant disparity between its streetlighting infrastructure and its rapid population growth. With just 176,000 streetlights for a sprawling urban area, Houston falls below the national average in terms of adequate streetlighting coverage. This shortage leaves many neighborhoods underlit, creating an urgent need for enhanced streetlighting solutions to improve safety and quality of life for residents.

Rapidly Growing Population and Housing: Houston is not just a large city; it's a rapidly expanding one. It has earned the title of the fastest-growing city in the U.S. for new home construction in 2023, with a three-county region boasting 2.4 million housing units. Houston's real estate market is incredibly active, having built 300% more homes than California's major housing markets, despite having a smaller population. This boom reflects Houston's dynamic growth, but it also underscores the pressing need for infrastructure improvements, including streetlighting, to keep pace with the city's expansion.
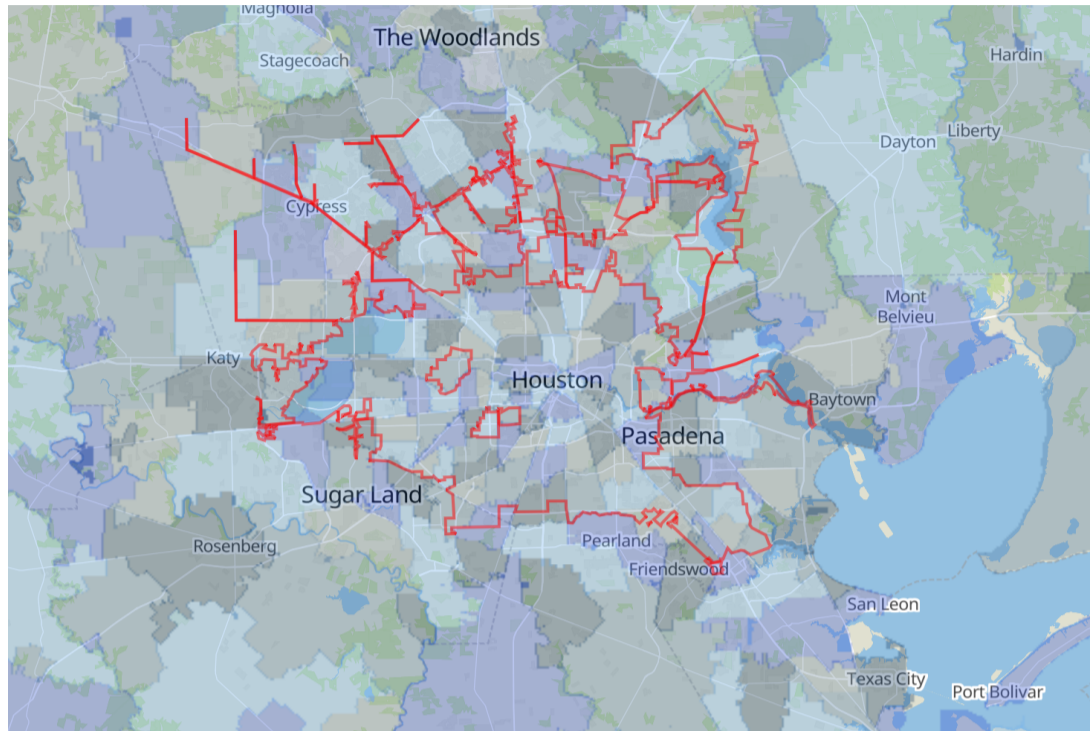
Need for Safer, Healthier Neighborhoods: The rapid growth in population and housing brings with it challenges that need to be addressed to ensure sustainable development. One critical area is neighborhood safety. Studies have shown that improved streetlighting can reduce crime by 20-30%. In a city like Houston, where many areas remain underlit, enhancing streetlighting can lead to substantial reductions in crime, including vehicle-related crimes and other offenses. Safer neighborhoods are not only more desirable but also see significant increases in property values, contributing to overall economic stability and growth.

iLamp's can be equipped with environmental sensors that monitor air quality and other key factors, promoting healthier living conditions. These sensors provide real-time data that can help residents and policymakers take proactive measures to mitigate pollution and improve public health. Better air quality directly translates to reduced respiratory issues and other health benefits, creating a healthier community overall.

iLamp offers self-powered solutions that reduce strain on Houston's power grid. By integrating autonomous power generation capabilities, iLamp reduces dependency on the grid, contributing to energy sustainability. The modular design of iLamp supports a wide range of smart city applications, making it a future-proof solution for urban infrastructure.

iLamp's adaptable platform can be tailored to meet the specific needs of

Houston Texas
Area Definition

The Houston, Texas area comprises 146 ZIP Codes.

Zip	City	State	County	Area Codes	Population	Streetlights	Value
77036	Houston	TX	Harris County	281, 346, 713, 832	48860	4250.82	$38,257,380.00
77072	Houston	TX	Harris County	281, 346, 713, 832	47570	4138.59	$37,247,310.00
77077	Houston	TX	Harris County	281, 346, 713, 832	51650	4493.55	$40,441,950.00
77081	Houston	TX	Harris County	281, 346, 713, 832	32800	2853.6	$25,682,400.00
77080	Houston	TX	Harris County	281, 346, 713, 832	35590	3096.33	$27,866,970.00
77099	Houston	TX	Harris County	281, 346, 713, 832	39660	3450.42	$31,053,780.00
77057	Houston	TX	Harris County	281, 346, 713, 832	31260	2719.62	$24,476,580.00
77009	Houston	TX	Harris County	281, 346, 713, 832	30750	2675.25	$24,077,250.00
77055	Houston	TX	Harris County	281, 346, 713, 832	35540	3091.98	$27,827,820.00
77035	Houston	TX	Harris County	281, 346, 713, 832	28530	2482.11	$22,338,990.00
77042	Houston	TX	Harris County	281, 346, 713, 832	33170	2885.79	$25,972,110.00
77087	Houston	TX	Harris County	281, 346, 713, 832	29860	2597.82	$23,380,380.00
77004	Houston	TX	Harris County	281, 346, 713, 832	19430	1690.41	$15,213,690.00
77034	Houston	TX	Harris County	281, 346, 713, 832	32350	2814.45	$25,330,050.00
77063	Houston	TX	Harris County	281, 346, 713, 832	29110	2532.57	$22,793,130.00
77076	Houston	TX	Harris County	281, 346, 713, 832	26710	2323.77	$20,913,930.00
77082	Houston	TX	Harris County	281, 346, 713, 832	45830	3987.21	$35,884,890.00
77092	Houston	TX	Harris County	281, 346, 713, 832	26910	2341.17	$21,070,530.00
77096	Houston	TX	Harris County	281, 346, 713, 832	28740	2500.38	$22,503,420.00

Zip	City	State	County	Area Codes	Population	Streetlights	Value
77339	Kingwood	TX	Harris County	281, 346, 713, 832	38360	3337.32	$30,035,880.00
77007	Houston	TX	Harris County	281, 346, 713, 832	36060	3137.22	$28,234,980.00
77008	Houston	TX	Harris County	281, 346, 713, 832	32560	2832.72	$25,494,480.00
77017	Houston	TX	Harris County	281, 346, 713, 832	26810	2332.47	$20,992,230.00
77045	Houston	TX	Harris County	281, 346, 713, 832	29800	2592.6	$23,333,400.00
77079	Houston	TX	Harris County	281, 346, 713, 832	33240	2891.88	$26,026,920.00
77088	Houston	TX	Harris County	281, 346, 713, 832	47110	4098.57	$36,887,130.00
77022	Houston	TX	Harris County	281, 346, 713, 832	22820	1985.34	$17,868,060.00
77023	Houston	TX	Harris County	281, 346, 713, 832	20870	1815.69	$16,341,210.00
77060	Houston	TX	Harris County	281, 346, 713, 832	31560	2745.72	$24,711,480.00
77016	Houston	TX	Harris County	281, 346, 713, 832	25720	2237.64	$20,138,760.00
77033	Houston	TX	Harris County	281, 346, 713, 832	24620	2141.94	$19,277,460.00
77053	Houston	TX	Fort Bend County	281, 346, 713, 832	27860	2423.82	$21,814,380.00
77018	Houston	TX	Fort Bend County	281, 346, 713, 832	25360	2206.32	$19,856,880.00
77020	Houston	TX	Fort Bend County	281, 346, 713, 832	20590	1791.33	$16,121,970.00
77021	Houston	TX	Fort Bend County	281, 346, 713, 832	20290	1765.23	$15,887,070.00
77025	Houston	TX	Fort Bend County	281, 346, 713, 832	22840	1987.08	$17,883,720.00
77061	Houston	TX	Fort Bend County	281, 346, 713, 832	17930	1559.91	$14,039,190.00
77062	Houston	TX	Fort Bend County	281, 346, 713, 832	22980	1999.26	$17,993,340.00
77093	Houston	TX	Fort Bend County	281, 346, 713, 832	41060	3572.22	$32,149,980.00
77345	Houston	TX	Fort Bend County	281, 346, 713, 832	26610	2315.07	$20,835,630.00
77026	Houston	TX	Fort Bend County	281, 346, 713, 832	18660	1623.42	$14,610,780.00
77043	Houston	TX	Fort Bend County	281, 346, 713, 832	27610	2402.07	$21,618,630.00
77054	Houston	TX	Fort Bend County	281, 346, 713, 832	14760	1284.12	$11,557,080.00
77089	Houston	TX	Fort Bend County	281, 346, 713, 832	51260	4459.62	$40,136,580.00
77091	Houston	TX	Fort Bend County	281, 346, 713, 832	21620	1880.94	$16,928,460.00
77012	Houston	TX	Fort Bend County	281, 346, 713, 832	14380	1251.06	$11,259,540.00
77024	Houston	TX	Fort Bend County	281, 346, 713, 832	34500	3001.5	$27,013,500.00
77071	Houston	TX	Fort Bend County	281, 346, 713, 832	23060	2006.22	$18,055,980.00
77006	Houston	TX	Fort Bend County	281, 346, 713, 832	17690	1539.03	$13,851,270.00
77011	Houston	TX	Fort Bend County	281, 346, 713, 832	13580	1181.46	$10,633,140.00
77019	Houston	TX	Fort Bend County	281, 346, 713, 832	19030	1655.61	$14,900,490.00
77040	Houston	TX	Fort Bend County	281, 346, 713, 832	42520	3699.24	$33,293,160.00
77056	Houston	TX	Fort Bend County	281, 346, 713, 832	19630	1707.81	$15,370,290.00

Zip	City	State	County	Area Codes	Population	Streetlights	Value
77002	Houston	TX	Harris County	281, 346, 713, 832	8480	737.76	$6,639,840.00
77013	Houston	TX	Harris County	281, 346, 713, 832	12700	1104.9	$9,944,100.00
77028	Houston	TX	Harris County	281, 346, 713, 832	16010	1392.87	$12,535,830.00
77085	Houston	TX	Harris County	281, 346, 713, 832	16380	1425.06	$12,825,540.00
77489	Missouri City	TX	Fort Bend County	281, 346, 713, 832	34150	2971.05	$26,739,450.00
77015	Houston	TX	Harris County	281, 346, 713, 832	48020	4177.74	$37,599,660.00
77027	Houston	TX	Harris County	281, 346, 713, 832	14820	1289.34	$11,604,060.00
77031	Houston	TX	Harris County	281, 346, 713, 832	12550	1091.85	$9,826,650.00
77047	Houston	TX	Harris County	281, 346, 713, 832	27820	2420.34	$21,783,060.00
77048	Houston	TX	Harris County	281, 346, 713, 832	18120	1576.44	$14,187,960.00
77051	Houston	TX	Harris County	281, 346, 713, 832	14390	1251.93	$11,267,370.00
77059	Houston	TX	Harris County	281, 346, 713, 832	17960	1562.52	$14,062,680.00
77078	Houston	TX	Harris County	281, 346, 713, 832	13020	1132.74	$10,194,660.00
77084	Houston	TX	Harris County	281, 346, 713, 832	98990	8612.13	$77,509,170.00
77098	Houston	TX	Harris County	281, 346, 713, 832	12670	1102.29	$9,920,610.00
77003	Houston	TX	Harris County	281, 346, 713, 832	8500	739.5	$6,655,500.00
77005	Houston	TX	Harris County	281, 346, 713, 832	22870	1989.69	$17,907,210.00
77030	Houston	TX	Harris County	281, 346, 713, 832	9350	813.45	$7,321,050.00
77598	Houston	TX	Harris County	281, 346, 713, 832	19510	1697.37	$15,276,330.00
77041	Houston	TX	Harris County	281, 346, 713, 832	33890	2948.43	$26,535,870.00
77044	Houston	TX	Harris County	281, 346, 713, 832	51640	4492.68	$40,434,120.00
77058	Houston	TX	Harris County	281, 346, 713, 832	14320	1245.84	$11,212,560.00
77067	Houston	TX	Harris County	281, 346, 713, 832	25700	2235.9	$20,123,100.00
77029	Houston	TX	Harris County	281, 346, 713, 832	15500	1348.5	$12,136,500.00
77037	Houston	TX	Harris County	281, 346, 713, 832	17330	1507.71	$13,569,390.00
77070	Houston	TX	Harris County	281, 346, 713, 832	46050	4006.35	$36,057,150.00
77396	Houston	TX	Harris County	281, 346, 713, 832	52790	4592.73	$41,334,570.00
77049	Houston	TX	Harris County	281, 346, 713, 832	34790	3026.73	$27,240,570.00
77090	Houston	TX	Harris County	281, 346, 713, 832	31660	2754.42	$24,789,780.00
77336	Huffman	TX	Harris County	281, 346, 713, 832, 936	13500	1174.5	$10,570,500.00
77450	Katy	TX	Harris County	281, 346, 713, 832, 936	66510	5786.37	$52,077,330.00
77032	Houston	TX	Harris County	281, 346, 713, 832, 936	10960	953.52	$8,581,680.00
77038	Houston	TX	Harris County	281, 346, 713, 832, 936	27450	2388.15	$21,493,350.00
77046	Houston	TX	Harris County	281, 346, 713, 832, 936	1850	160.95	$1,448,550.00

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77050	Houston	TX	Harris County	281, 346, 713, 832	4100	356.7	$3,210,300.00
77064	Houston	TX	Harris County	281, 346, 713, 832	43230	3761.01	$33,849,090.00
77065	Houston	TX	Harris County	281, 346, 713, 832	31360	2728.32	$24,554,880.00
77073	Houston	TX	Harris County	281, 346, 713, 832	41970	3651.39	$32,862,510.00
77083	Houston	TX	Harris County	281, 346, 713, 832	66830	5814.21	$52,327,890.00
77086	Houston	TX	Harris County	281, 346, 713, 832	25080	2181.96	$19,637,640.00
77338	Humble	TX	Harris County	281, 346, 713, 832	38430	3343.41	$30,090,690.00
77477	Stafford	TX	Ford Bend County	281, 346, 713, 832	30100	2618.7	$23,568,300.00
77494	Katy	TX	Ford Bend County	281, 346, 713, 832	128670	11194.29	$100,748,610.00
77504	Pasadena	TX	Harris County	281, 346, 713, 832	19910	1732.17	$15,589,530.00
77010	Houston	TX	Harris County	281, 346, 713, 832	480	41.76	$375,840.00
77014	Houston	TX	Harris County	281, 346, 713, 832	28930	2516.91	$22,652,190.00
77039	Houston	TX	Harris County	281, 346, 713, 832	24060	2093.22	$18,838,980.00
77066	Houston	TX	Harris County	281, 346, 713, 832	31790	2765.73	$24,891,570.00
77068	Houston	TX	Harris County	281, 346, 713, 832	10990	956.13	$8,605,170.00
77069	Houston	TX	Harris County	281, 346, 713, 832	16950	1474.65	$13,271,850.00
77094	Houston	TX	Harris County	281, 346, 713, 832	10800	939.6	$8,456,400.00
77095	Houston	TX	Harris County	281, 346, 713, 832	64670	5626.29	$50,636,610.00
77097	Houston	TX	Harris County	713	0	0	$0.00
77201	Houston	TX	Harris County	713281, 346, 713, 832	0	0	$0.00
77346	Houston	TX	Harris County	281, 346, 713, 832	70480	6131.76	$55,185,840.00
77357	New Caney	TX	Montgomery County	281, 346, 713, 832	29500	2566.5	$23,098,500.00
77365	Porter	TX	Montgomery County	281, 346, 713, 832	40920	3560.04	$32,040,360.00
77373	Spring	TX	Harris County	281, 346, 713, 832	58950	5128.65	$46,157,850.00
77375	Tomball	TX	Harris County	281, 346, 713, 832	59900	5211.3	$46,901,700.00
77377	Tomball	TX	Harris County	281, 346, 713, 832	39990	3479.13	$31,312,170.00
77379	Spring	TX	Harris County	281, 346, 713, 832	79320	6900.84	$62,107,560.00
77386	Spring	TX	Montgomery County	281, 346, 713, 832	64680	5627.16	$50,644,440.00
77388	Spring	TX	Harris County	281, 346, 713, 832	47420	4125.54	$37,129,860.00
77401	Bellaire	TX	Harris County	281, 346, 713, 832	17010	1479.87	$13,318,830.00
77406	Richmond	TX	Ford Bend County	281, 346, 713, 832, 979	58390	5079.93	$45,719,370.00
77407	Richmond	TX	Ford Bend County	281, 346, 713, 832	75470	6565.89	$59,093,010.00
77429	Cypress	TX	Harris County	281, 346, 713, 832	88930	7736.91	$69,632,190.00
77433	Cypress	TX	Harris County	281, 346, 713, 832, 936	106790	9290.73	$83,616,570.00

Zip	City	State	County	Area Codes	Population	Streetlights	Value
77447	Hockley	TX	Harris County	281, 346, 713, 832, 936	21860	1901.82	$17,116,380.00
77449	Katy	TX	Harris County	281, 346, 713, 832	124400	10822.8	$97,405,200.00
77478	Sugar Land	TX	Ford Bend County	281, 346, 713, 832	22770	1980.99	$17,828,910.00
77484	Waller	TX	Waller County	281, 346, 713, 832, 936, 979	12990	1130.13	$10,171,170.00
77493	Katy	TX	Harris County	281, 346, 713, 832, 936	58050	5050.35	$45,453,150.00
77498	Sugar Land	TX	Ford Bend County	281, 346, 713, 832	47300	4115.1	$37,035,900.00
77503	Pasadena	TX	Harris County	281, 346, 713, 832	21430	1864.41	$16,779,690.00
77506	Pasadena	TX	Harris County	281, 346, 713, 832	29200	2540.4	$22,863,600.00
77520	Baytown	TX	Harris County	281, 346, 713, 832	33000	2871	$25,839,000.00
77530	Channelview	TX	Harris County	281, 346, 713, 832	30570	2659.59	$23,936,310.00
77532	Crosby	TX	Harris County	281, 346, 713, 832, 936	31460	2737.02	$24,633,180.00
77536	Deer Park	TX	Harris County	281, 346, 713, 832	31070	2703.09	$24,327,810.00
77546	Friendswood	TX	Galveston County	281, 346, 713, 832	50490	4392.63	$39,533,670.00
77547	Galena Park	TX	Harris County	281, 346, 713, 832	8870	771.69	$6,945,210.00
77571	La Porte	TX	Harris County	281, 346, 713, 832	34040	2961.48	$26,653,320.00
77587	South Houston	TX	Harris County	281, 346, 713, 832	14270	1241.49	$11,173,410.00
77204	Houston	TX	Harris County	281, 346, 713, 832	22	1.914	$17,226.00
77209	Houston	TX	Harris County	713	0	0	$0.00
77212	Houston	TX	Harris County	713	0	0	$0.00
77216	Houston	TX	Harris County	713	0	0	$0.00
77297	Houston	TX	Harris County	713	0	0	$0.00
77298	Houston	TX	Harris County	713	0	0	$0.00
77299	Houston	TX	Harris County	713	0	0	$0.00

Overview

Reservation fee

$200,000

You receive post-payment:
- 1 year option to buy territory
- Roadmap + financial model
- Localised website
- Media pack, images, videos, etc
- ILOCX Listing

Funding by **cede**

subject to approval $24,000,000

License Fee $25,000,000

Amount payable to exercise option
and receive territorial license   **$800,000**

You receive after payment:
- Territorial license
- Demo pole shipped & installed
- Sub-licensing rights*

Price Breakdown

Houston's rapid growth and underlit neighborhoods present a unique opportunity for iLamp to make a significant impact. By addressing the lighting shortfall relative to the city's expanding population and housing market, iLamp can enhance safety, increase property values, and improve public health. With its self-powered, modular design, iLamp provides a future-proof, smart city-capable solution that can be adapted to meet the specific needs of different areas. As Houston continues to grow, the need for innovative solutions like iLamp becomes ever more critical, ensuring that the city remains a safe, healthy, and desirable place to live.
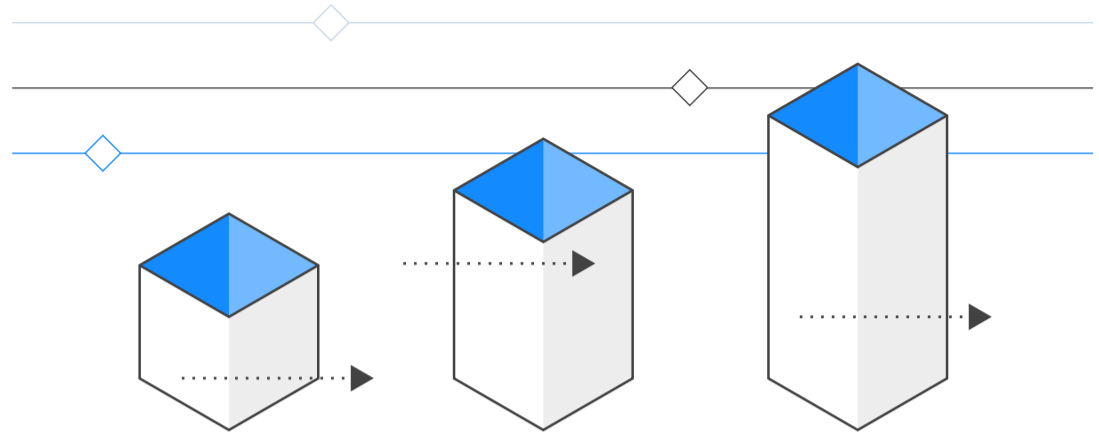
There are a total of 1,042,300 km (647,700 mi) of roads in Canada, of which 415,600 km (258,200 mi) are paved, including 17,000 km (11,000 mi) of expressways, the third-longest collection in the world, behind the Interstate Highway System of the United States and China's National Trunk Highway System.

With over 4 million streetlights in the country, 5% equates to 200,000 units. We will consider this the serviceable addressable market for the next 10 years in Canada. At a price of $9,000 per lamp, this translates to a revenue potential of approximately $1,800,000,000. As iLamp Canada undertakes its own manufacturing, the profit margin is expected to increase, benefiting from local production costs.

It's important to note that this forecast does not include the Power as a

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.

2. **Get Started**

   Once triggered the deposit needs to be paid, this totals **$800,000** and 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 on ILOCX covering all upfront fees and first year listing fees.
     - The building and delivery of a local website.
     - All media and images, data and point of sale aids, email addresses, and a 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 has been paid a local legal entity needs to be formed to hold the license. This is formed by the licensee.