

# 6 Ways Streetlights Can Keep Your City Safer

A sense of security is one of the key determinants of quality of life for residents. So how can communities become safer?

## PREVENTING AND INVESTIGATING CRIME

Proper lighting can reduce crime

Up to **36%**



### 1. DETERRING CRIME

Crime rates are a top consideration for residents – and preventing and reducing crime is one of the top priorities of every law enforcement agency. Crime most often occurs in poorly lit areas, where perpetrators are less likely to be seen or caught on cameras. Installing proper lighting in all areas, especially pathways, parking lots and secluded spots, is a proven deterrent.

**7 out of 10**

crimes are committed with a vehicle



### 2. INVESTIGATING CRIME

The presence of situational awareness and License Plate Recognition (LPR) cameras along with lighting can provide law enforcement agencies with a citywide network of cutting-edge video analytics to identify areas of concern and aid in investigations.

## SAFE ROADS AND PUBLIC SPACES

Improved street lighting can reduce crashes up to

**42%**



### 3. MAKING STREETS SAFER

Nighttime is particularly dangerous for drivers and pedestrians. Despite less traffic, vehicles have a 3x higher risk of being involved in a fatal crash at night, and 3 out of 4 pedestrian deaths happen at night. Improved street lighting can make roadways safer.

Smart street lighting adjusts automatically by placement, time of day, and prevailing weather and traffic conditions to optimize visibility, minimize glare and enhance drivers' depth perception, improving driver response times.

A gun-related violent crime in a population of 10,000 can reduce park use by

**16%**



### 4. MAINTAINING VISITOR-FRIENDLY PARKS

Access to safe, clean parks improves both the physical and mental health of residents and promotes more tight-knit communities.

Parks should be monitored for maintenance and cleaning needs and properly illuminated to discourage unwanted behaviors like drug and alcohol use, illegal camping and other activities that degrade park quality and usage.

## A MORE SUSTAINABLE CITY

If every streetlight in the United States optimized lighting schedules and levels, it would

Reduce **emissions by 2.1M tons annually**



### 5. MONITORING ENVIRONMENTAL QUALITY

Protecting the environment and maintaining clean air are essential to the health of residents and wildlife. Fine tuning lighting schedules to use the lowest brightness necessary for the time of day saves energy and can be used to protect dark sky environments and wildlife migrations.

Optimized lighting schedules and levels on every streetlight in the U.S. would also

Reduce operating expenses by **\$1.8B**



### 6. SMART CITIES

Citizens want their municipalities to spend tax dollars wisely while investing in technologies that improve safety and quality of life in their communities. Thoughtful investment in technologies that work with existing infrastructure can improve public safety without compromising aesthetic beauty, reduce greenhouse gas emissions and further progress toward sustainability, make access to public resources like 5G and wi-fi more equitable and improve the health and well-being of all residents.

### ABOUT THE SPONSOR

Ubicquia makes existing critical infrastructure intelligent to reduce energy consumption, increase grid resiliency, and enhance public safety for utilities and municipalities.

Ubicquia's platforms, which include hardware, software, and connectivity, are compatible with over 360 million streetlights, 500 million transformers, and 1 billion utility poles worldwide. Ubicquia is deployed by more than 800 utilities and cities. Its technology is integrated with leading manufacturers of streetlights, distribution transformers, and public safety cameras.

Ubicquia offers several intelligent lighting solutions to make public spaces safer:

**Ubicquia's UbiCell Intelligent Streetlight Controller** offers real-time insights, alerts on outages, and control with power and dimming schedules.

**Ubicquia's UbiHub Public Safety platform** plugs into existing streetlights to power cameras without the need for installation of new fixed camera locations.

**Ubicquia's UbiHub APAI Smart City Platform** can help ensure that parks are properly illuminated and monitored to discourage unwanted behaviors.

Ubicquia's **UbiSmart AQM+** affixes to existing lighting infrastructure to monitor air quality and noise.

Visit [www.ubicquia.com](http://www.ubicquia.com) to explore how intelligent lighting and ALPR can make communities safer.