

LumenSafe
Lighting and surveillance solution



Lighting is everywhere Why shouldn't it do more?

Outdoor lighting provides the perfect platform for safer, more connected communities. Now, besides just keeping key areas well-lit, lighting can help you keep an eye on things. The LumenSafe solution is an all-in-one system combining LED lighting with high-definition cameras.

All-in-one lighting & surveillance solution This changes everything

Lighting can provide the backbone for safer communities and cities through smarter surveillance and enhanced data. Cooper Lighting Solutions' camera-integrated luminaires are an easy win for you and your customers.

\$ 30% Lower install cost

Reduce install cost by up to 30%.

Flexible integration

LumenSafe is compatible with virtually any video management system or security platform.

All-in-one solution

Easy installation with our all-in-one LumenSafe solution. Integrated camera and networking equipment means no additional wiring is needed beyond providing line power to the luminaire.

Remote monitoring

Protect valuable goods and inventory from theft or vandalism remotely. Axis Communications cameras provide users with crystal clear high-quality images.

Safe communities & cities start here



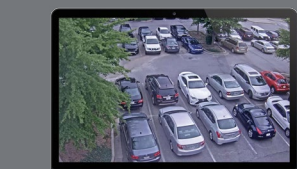
LED
light fixtures



Integrated
video camera



Flexible backhaul
options
(Cellular, Wi-Fi, Ethernet)



Third-party
software
services



LumenSafe
simplified
integration

Eliminate unsightly bulk

Achieve a more seamless outdoor lighting design

LumenSafe compatible fixtures are a more elegant solution to both outdoor lighting and security, keeping safety and precision top-of-mind.

Efficient

Efficient, “plug & play” installation, means shorter install time and eliminates the need for additional wiring to get LumenSafe up and running.

- > **No additional wiring.** The entire solution runs off of line power to the luminaire.
- > **No additional trips.** It only takes one bucket trip to get up-and-running with LumenSafe.

Integrated solution

Communities will benefit from improved aesthetics, without the unsightly bulk you get from additional security wiring or security cameras bolted onto poles. LumenSafe features factory installed power and networking gear.



Ultimate flexibility

Network options

LumenSafe provides the ultimate in flexibility and integration power by supporting all viable network connection options.



Cellular

Clients can utilize Cooper Lighting Solutions provided cellular network service or opt to provide their own cellular service.



Ethernet/Fiber

LumenSafe provides an 802.3 at PoE+ connection to simplify system integration. The client can determine best method of wiring install prior to setup.



Wi-Fi

The client connects the embedded LumenSafe Wi-Fi bridge to a Wi-Fi network that is available at the pole on-site using their wireless SSID and password.

LumenSafe simplified integration

Who is LumenSafe for?

LumenSafe solves challenges for a wide range of customers

Lighting and surveillance solution



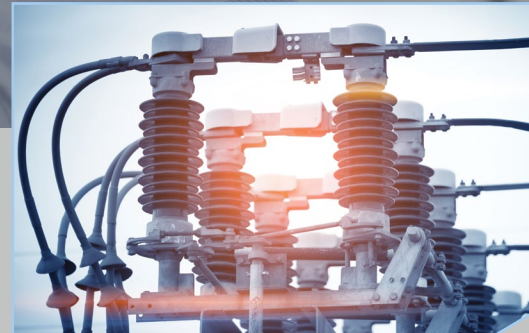
Area/Site

Protect people and property, while reducing liability. LumenSafe luminaires are optimized to fill commercial office sites and parking areas with crime-detering light, while capturing actionable high-definition video in case a bad actor does show up.



Parks

Keep citizens safe and lighting costs low with LumenSafe energy-efficient LED lighting. Our integrated lighting and security system eliminates unsightly electrical bulk on poles, thus creating a more aesthetically-pleasing addition to your park's landscape.



Infrastructure

Remote assets and critical infrastructure require monitoring to ensure physical security and help prevent disruptions to operations. LumenSafe provides an all-in-one solution with the networking options to meet any deployment scenario. Reduce truck rolls and gain visibility without the complexity.

> Utilities

LumenSafe technology is an easy foray into the security space, and could hold the key to new revenue streams.

> Security integrators

Deliver more value your customers, while expanding your service offerings and boosting your margins.

> Contractors, architects and engineers

Expand your service offerings, while future-proofing your contracting business—all with little to no complexity or security knowledge required.

> Municipalities and DOTs

Enhance safety and aesthetics in your community, using existing lighting infrastructure.

> End users, facility managers and property owners

Protect people and property with the all-in-one lighting and security solution that's easy to implement, and flexible enough to meet your unique needs.



Roadway

LumenSafe roadway fixtures help you better monitor roads and study traffic patterns. Because the security camera is integrated, you'll be able to collect video footage from anywhere you have a roadway light. Capture valuable data, encourage safe driving, and monitor traffic laws — all from one energy-efficient solution.



Municipalities

Leverage your existing lighting infrastructure to enhance safety, while saving money. Because the solution combines LED lighting and video surveillance, it costs far less to install than separate solutions. LumenSafe can even open up new tax revenue streams through additional software applications.



Campuses

Campus police can't be everywhere at once, but with LumenSafe, you can have a crime-detering camera anywhere you have an outdoor light. By incorporating LumenSafe's solution into your campus security strategy, you can closely monitor the perimeter and react to threats pro-actively.

Customize your lighting package

LumenSafe technology is offered in three bestselling LED light fixtures, each with multiple optical distribution options and lumen packages available.

Exceptional performance

- > Remarkable optical performance
- > Patented high-efficiency AccuLED Optics™ system
- > Energy-conscious LEDs
- > Superior efficiency and control
- > Uniform illumination to desired areas



- Galleon**
Area/Site Luminaire
- > Choice of 16 high-efficiency optical distributions
 - > 40 lumen packages, providing up to 68,000 delivered lumens
 - > 0-10V dimming standard
 - > Available with wireless lighting control systems, photocell receptacle and occupancy sensor options
 - > Pole, mast-arm or wall-mounted configurations

- Navion**
Area/Site and Roadway Luminaire
- > Choice of 16 high-efficiency optical distributions
 - > 24 lumen packages, providing up to 42,000 delivered lumens
 - > 0-10V dimming standard
 - > Available with wireless lighting control systems, photocell receptacle and occupancy sensor options

- Archeon Large**
Roadway Luminaire
- > Choice of 4 high-efficiency optical distributions
 - > 20 lumen packages, providing up to 31,000 delivered lumens
 - > Available with integrated photocell receptacle, and occupancy control options
 - > Single-latch tool-less entry

Streamlined HDTV 1080p fixed dome cameras

Axis Communications is the market leader in IP video and offers a wide range of fixed dome cameras for discreet surveillance in any environment, regardless of lighting conditions. For that reason, their cameras are a perfect fit for Cooper Lighting Solutions technology to create the only integrated lighting and security system available in the market.

Quality imaging

- > All cameras used in our joint solution provide outstanding video quality in any lighting conditions
- > Axis Zipstream technology for reduced bandwidth and storage needs
- > WDR Forensic Capture ensures image detail in bright and dark areas
- > Multiple video compressions and streaming file format options
- > Day and night functionality

* Many variables impact actual storage and this can only be confirmed after installation.



- AXIS P3225-VE Mk II**
Network Camera
- > Outstanding video quality in both strong and poor light conditions
 - > Outdoor ready and IK10 vandal resistant
 - > Remote zoom and focus
 - > WDR Forensic Capture
 - > Lightfinder technology for exceptional light sensitivity



- AXIS P3227-LVE**
Network Camera
- > High quality, detailed video surveillance under any light conditions
 - > Crystal clear overhead and close-up views
 - > Outdoor ready and IK10 vandal resistant
 - > Remote zoom and focus
 - > WDR - Forensic Capture



- AXIS M5525-E PTZ**
Network Camera
- > Easily follow and capture moving objects
 - > Affordable and versatile camera for indoor and outdoor use
 - > Zoomed in detailed and broad view image capture
 - > 10X Optical zoom and continuous 360° pan

Partnership ecosystem

LumenSafe leverages Axis Communications imaging technology, enabling you to leverage an entire ecosystem of associated technology, software and implementation partners. Full customer choice of Video Management Systems, embedded firmware, analytics packages and software architecture allow the camera's capabilities to be utilized with an array of options to enhance their functionality.

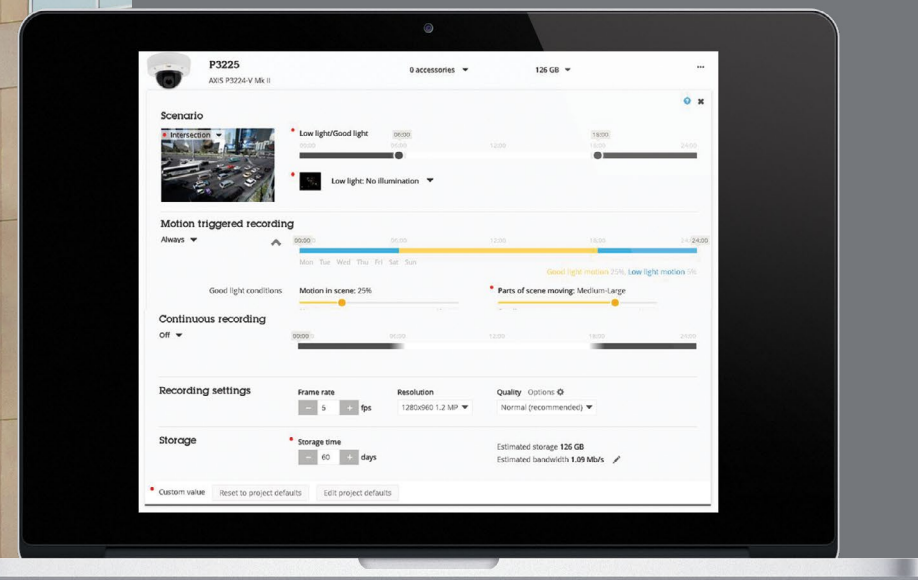
LumenSafe delivers the flexibility and power to integrate virtually any Software/Firmware available into a best-in-breed solution to meet your needs.



Video Management System (VMS) Software

A VMS is software that runs on a server and can provide many potential features:

- > Simultaneous viewing (local and remote)
- > Public View Monitoring (PVM)
- > Recording of video and audio
- > Advanced playback and search options
- > Event management functions including intelligent video
- > User access control and activity (audit) logging
- > Camera management



Axis Communications maintains a list of Partner Applications Software here:
axis.com/en-us/products/video-management-software



Municipal



Campus



Roadway



Parks



Parking

Lighting Brands

Ametrix
AtLite
Corelite
Ephesus
Fail-Safe
Halo
Halo Commercial
Invue
io
Iris
Lumark
Lumière
McGraw-Edison
Metalux
MWS
Neo-Ray
Portfolio
RSA
Shaper
Streetworks
Sure-Lites

Controls Brands

Greengate
Fifth Light

Connected Lighting Systems

HALO Home
WaveLinx

IoT Platforms

Trellix



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