

Urban lighting ecosystem built for results

Everything a city needs:
efficiency, safety, and sustainability.



**Cabinet controller
LIGHT KEEPER**



Centralized, remote
control of lighting zones

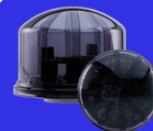


Monitoring of electrical
energy parameters



Instant detection of
faults and their causes

**Luminaire controllers
LIGHTWAVE and
LIGHTWAVE-LTE**



Individual luminaire
dimming schedules



Each luminaire
controlled individually



Luminaire voltage
measurement



**Motion sensor
LUMAWISE Motion**



Enablement of adaptive
lighting functionality



Recognition of pedestrians,
cyclists, and vehicles



Detection of an object's direction
and speed of movement

**Urban lighting
management
platform HORIZON**



Remote, centralized
lighting control



Monitoring of energy
consumption and
luminaire lifespan



Modeling and analysis of
the entire lighting network



Proven results. Measurable outcome.

Lighting that fits every urban setting

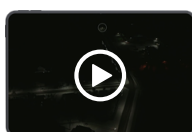
STREETS



Results:
76%
Energy savings

Light pollution has been reduced, energy costs cut, and illumination now adapts to real activity levels, all without adding complexity for those managing it.

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Results:
65%
Energy savings

Instant fault detection and remote diagnostics, an infrastructure that adjusts to actual usage, and centralized control, all without increasing the workload for the city's operational team.

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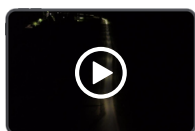


Results:
60%
Energy savings

By utilizing the adaptive lighting dimming strategy, the village created illumination that responds to real street usage. This cut energy costs and reduced light pollution.

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BIKE PATHS



Illumination now responds to real path usage, whether it's a lone jogger or a busy evening crowd. A safer, better-lit space that adjusts to pedestrians, cyclists, and scooter riders.

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Results:
82%
Energy savings

The ecosystem used:

- Luminaire controllers LIGHTWAVE
- Luminaire controllers LIGHTWAVE-LTE
- Motion sensors LUMAWISE Motion
- Lighting management platform HORIZON

TOWNS & CITIES

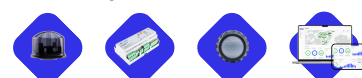


Energy is now managed efficiently: it adapts to real traffic and pedestrian activity, and minimizes light pollution, all while keeping operations simple for the operational team.

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Results:
67%
Energy savings

The ecosystem used:



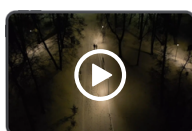
PARKS



Results:
67%
Energy savings

Energy use was optimized using the adaptive lighting feature (illumination based on traffic flow). The park now boasts remote, centralized management and 24/7 real-time monitoring.

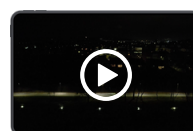
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Results:
88%
Energy savings

The entire park's energy consumption dropped from 3,348 kWh/year to 410 kWh/year. Now, residents enjoy a more comfortable space as light pollution has been reduced.

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Results:
69%
Energy savings

CO₂ emissions fell from 2,005 kg to 532 kg, while maintenance response times improved by up to 60%. Light pollution was minimized, protecting residents' circadian rhythms.

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