



**CLEARBLUE**  
TECHNOLOGIES

# ILLUMIENT

Smart Off-Grid Lighting

## Municipalities

Around the world, municipalities are turning to solar and wind powered street lights to:

- > Provide lighting and security in any location
- > Reduce costs in powering difficult locations
- > Demonstrate a commitment to sustainability



**Illumient Smart  
Off-Grid lighting  
solutions are ideal  
for municipalities**

## BENEFITS OF SMART OFF-GRID LIGHTING TO COMMUNITIES

**Reduce Crime  
& Increase  
Safety**



Lighting in troubled areas can increase safety and reduce costs for security

**Advanced,  
Affordable  
Innovation**



Smart Off-Grid solutions can provide reliable and affordable lighting

**Enables  
Outdoor  
Socializing**



Solar street lights can maximize the use of outdoor spaces like parks, paths and other common areas

**Resilient in  
Natural  
Disasters**



Smart Off-Grid power is more resilient to extreme weather outages

**Build  
Beautiful  
Communities**



Lighting enhances the community, attracting new businesses and economic growth

# ILLUMIENT

Smart Off-Grid Lighting

Benefits for Municipalities



The Illumient Smart Off-Grid lighting solution is the most advanced solution in the industry.

Lights are remotely monitored, managed, controlled and maintained through a secure cloud-based interface. This unparalleled service ensures the highest reliability and performance, while lowering ongoing costs by eliminating service calls and enabling proactive maintenance.



## Why Off-Grid?

### Reliable Lighting Anywhere

- Provide lighting regardless of accessibility to grid power
- Avoid disruption of landscaping or infrastructure
- Reduce costs of installation and construction without trenching or cabling
- Protect against weather related grid outages
- Demonstrate the community's commitment to clean energy, sustainability and a strong future



## Why Smart?

### Optimized Performance

- 24x7 monitoring and management by a team of skilled engineers
- Proactive remediation and resolution - fixing issues before they become problems
- Reduce maintenance costs by 70% by eliminating most onsite service calls and troubleshooting
- Smart tools and remote troubleshooting drastically lowers installation and maintenance costs



## Why EaaS?

### Expert Energy Management

- Automatic replacement of power system components - eliminating capital expenditures
- Enhanced power system management to extend battery life
- Provides higher warranty to ensure field operation
- Potential energy algorithms to ensure maximum power utilization

#### Partner Contact:

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