





## The Next Generation is Now: Reliable web-based control and monitoring for all of your outdoor lighting

### LCMS REPLACES TIMERS AND PHOTOCELLS

- Automatically adjusts for sunrise and sunset times based on GPS location.
- Automatically adjusts for daylight savings time.
- Automatic alerts for power outages via email and text message.

Important Features	Wireless Telematics LCMS	Mechanical Timers	Electronic Timers	Photocells
Always Accurate and Precise	✓	—	—	—
Control via Internet	✓	—	—	—
Convenient and Reliable	✓	—	—	—
Easy to Configure (Simple)	✓	—	—	—
Liability, Risk Management	✓	—	—	—
Auditable, Historical Record	✓	—	—	—
Power Outage Notification	✓	—	—	—
Sunset/Sunrise Calculations	✓	—	—	—
No Need to Change Batteries	✓	—	—	✓
Lifetime Warranty	✓	—	—	—
Made in the USA	Yes	?	?	?

### KEY FEATURES AND BENEFITS

- Save Money and Low Cost
- Save Energy and Go Green
- Lower Energy Bills
- Reduce Bulb and Ballast Replacement Costs
- Save Labor Costs
- Convenient and Reliable
- Power Outage Notification
- Auditable and Historical Documentation
- Lights Are ALWAYS Set Correctly
- Lifetime Warranty
- Made in the USA
- US Patent Nos. 7847706, 8421588, 9418543, 10049565

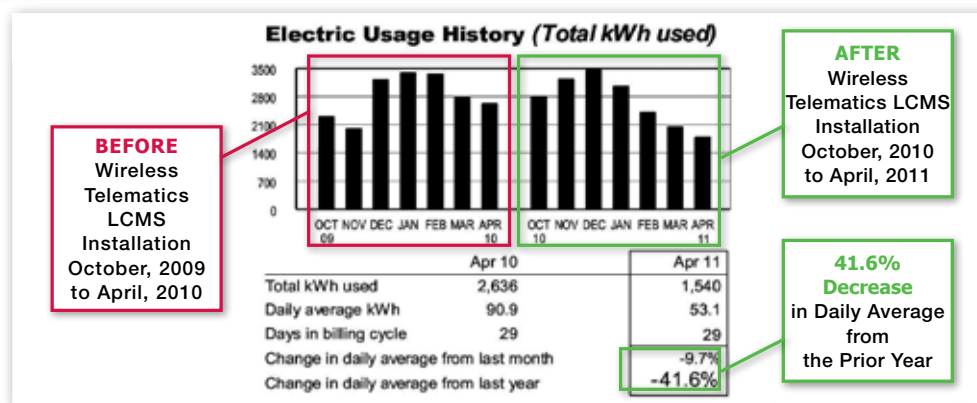


Replaces Timers and Photocells



Web-based, Remote, Flexible, Automated Scheduling

## Case Study: One Customer's Actual Energy Savings



### Site Details:

- Commercial building with parking around the entire building
- Exterior soffit lighting in several areas

### Problem:

- High energy bills, inconsistent lighting control

### Goals:

- Make sure the lights always go on and off at the right times
- Save Money/Save Energy
- No up-front expenses
- No long-term commitment
- No time wasted (set it once and forget it)

### Solution:

- Replace four existing timers with one LCMS

### Results:

- Reliable, consistent control of outdoor lighting; 41.6% decrease in Daily Average kWh from previous year

### ADDITIONAL INFORMATION

- Timers are correct only the day you set them
- Timers will be incorrect by more than 15 minutes/day in one week, and more than an hour/day in a month!
- Timers lose their schedule after a power outage
- Photocells degrade from exposure to sunlight and lose accuracy and sensitivity
- When dirty, photocells lose sensitivity
- Photocells perform poorly during daytime hours when rainy, cloudy or hazy weather
- The WT LCMS cannot be fooled by cloudy days
- Photocells fail in the "on" position resulting in the lights on 24/7; Management is often unaware of photocell failure
- Photocells are sensitive to North-South, East-West installation variation

## Testimonials

"The best solution for our lighting control needs."  
- Heidi Peyton, Colliers International

"It saves the City energy and money."  
- Angie Avery, City of Los Alamitos

"The real benefit is the convenience and saving my time."  
- Art DeBolt, SRI Property Management

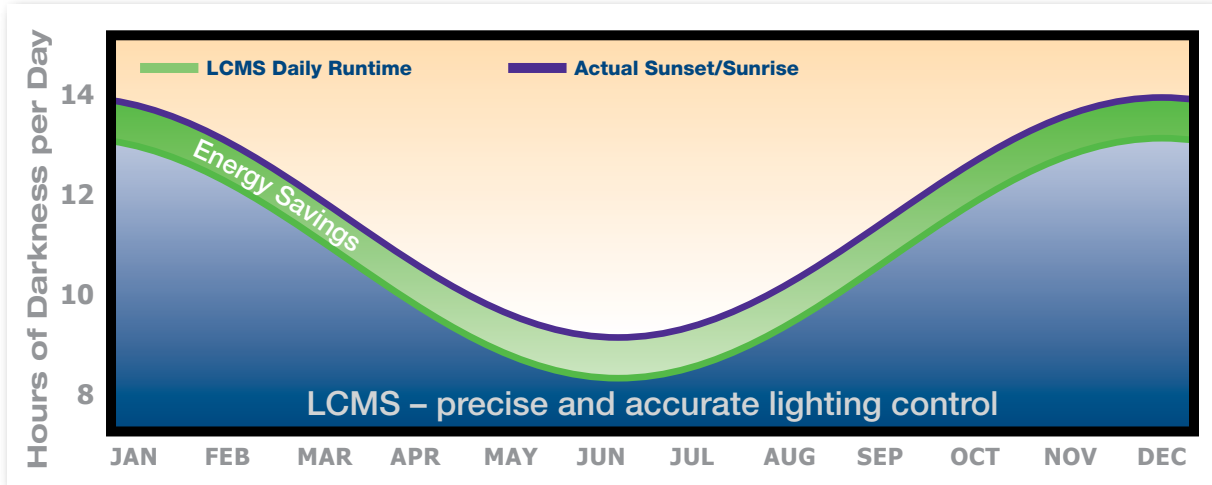
"We were extremely happy to see the huge savings."  
- Andrew Laubach, Summit Management

"I no longer have to reset timers."  
- Elaine Chetister, Property Supervisor

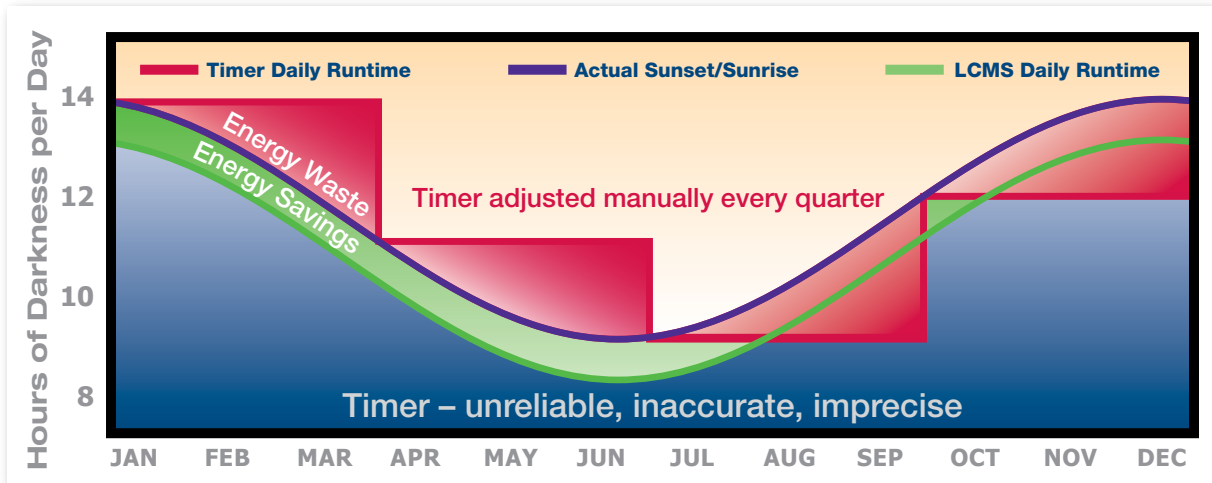
"The lights are now on auto-pilot. Plus, the customer service is extraordinary."  
- Courtney Baker, Maintenance Supervisor

# LCMS - Lighting Control and Monitoring Service

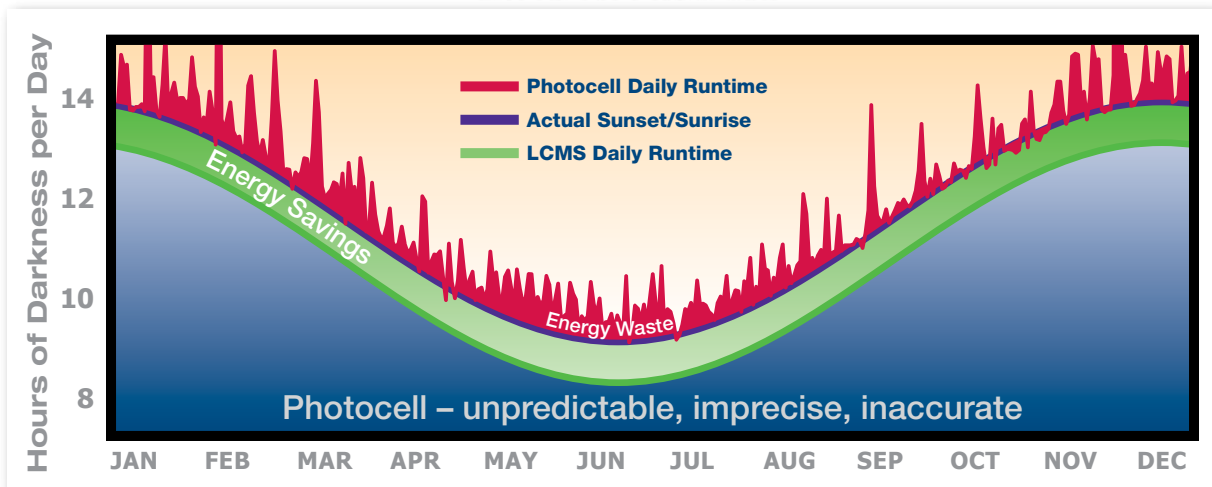
## LCMS



## LCMS vs. Timer



## LCMS vs. Photocell



US Patent #7847706, #8421588, #9418543, #10049565



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Contract GS-21F-026DA

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