

## Lighting Control and Monitoring Service (LCMS)™



**"STOP BURNING DAYLIGHT"**

### CASE STUDY -- Carmel Mountain Ranch Town Center

**Location Description:** A retail shopping center and parking lot with businesses such as Ralphs, McDonald's, Starbucks, Trader Joe's, Rite-Aid and more.

**Problem:** High energy bills, imprecise parking lot lighting.

- Goals:**
1. Make sure the lights always go on and off at the right times.
  2. Save Money
  3. Save Energy
  4. No big up-front cost, no long-term commitment.
  5. No resource drain or time wasted (set it once and forget it).

**Solution:** Replaced four mechanical timers with one Wireless Telematics Lighting Controller.

**Results:** **\$1,758.49** energy savings in the first year; **\$146** a month in savings on a **\$30** a month investment; **2 month ROI**

**Extra Benefits:**

1. Tenants are happy -- the lights are on at night, off during the day.
2. Liability Risk is reduced -- no risk of lights being off at nighttime.
3. A history of runtimes stored in online database.
3. The lighting schedule accessed and controlled from a computer or smart phone.
4. The property owner and/or manager is notified of power outages and restorations.
5. Much more reliable than timers and photocells (automatically adjusts to sunrise/sunset).
6. Lifetime warranty (mechanical timers had one year warranty).
7. Made in the USA (mechanical timers made in China).
8. Less Greenhouse Gas Emissions, Smaller Carbon Footprint.
9. Great Customer Service and Free Technical Support.
10. **Stopped Wasting Money and Stopped Wasting Energy**