



**Eco-\$mart, Inc.**

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# CIRALIGHT SunTrackers

The #1 Active  
Daylighting Skylight  
worldwide!



*Leading the Daylighting Revolution*

*Brighten your day... with Energy Saving Ciralight SunTrackers*

*Saving the Planet One Building at a Time*



# A lighting revolution that's time is NOW.



**It's a simple but powerful distinction;** Ciralight SunTrackers track, capture, and drive the sunlight indoors at such high light levels that electric lights can be turned OFF!



## CIRALIGHT SunTrackers

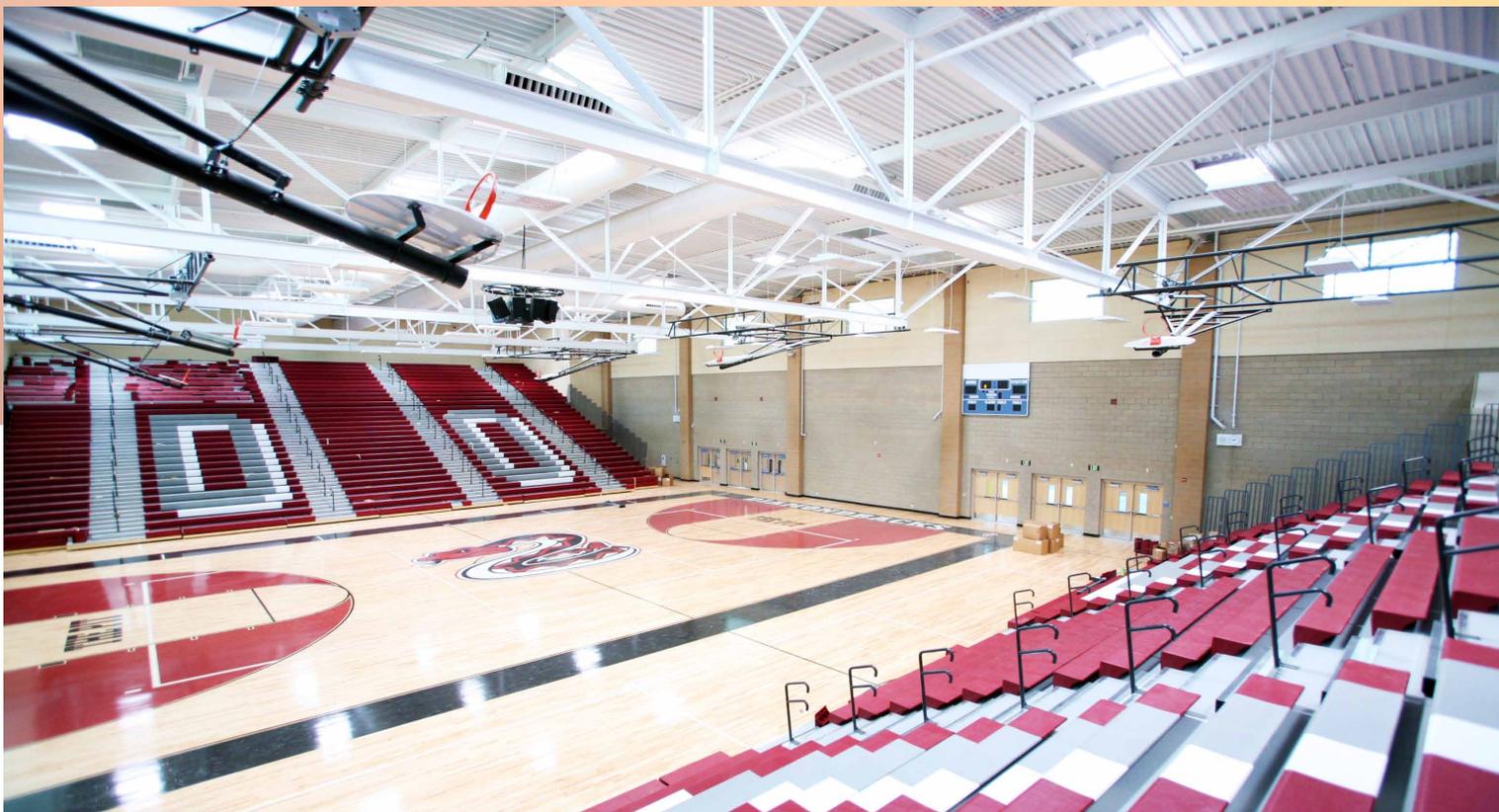
Ciralight Global Inc. is the only global provider of active daylighting products capable of turning off artificial lights for up to 10 hours a day. Unlike passive skylights, our SunTrackers use solar-tracking technology and mirrors to follow the sun throughout the day and drive natural light into buildings. The result is a bright, healthy, glare-free light, just as Nature intended.

Ciralight Global's energy saving SunTracker products are a solar powered green lighting solution for commercial buildings, schools, factories, public facilities and retail stores. In addition to significant energy and cost savings, there are many more benefits from the installation of SunTrackers.



# You don't have to go into the red to go **GREEN**

Save Energy • Improve Performance • Preserve Our Environment



*This High School Gymnasium in Las Vegas, NV is lit entirely by Ciralight SunTrackers. The electrical lighting is off!*

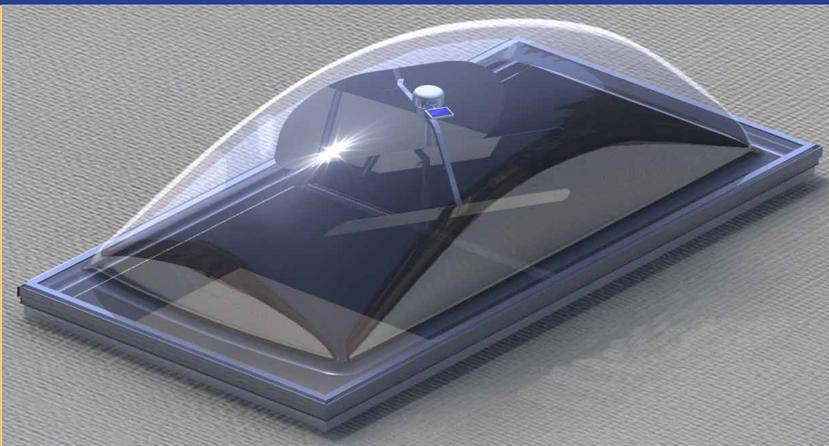


*A-1 Cold Storage has no out-facing windows yet this office is daylit by Ciralight SunTrackers and all electric lights are off!*

# CIRALIGHT SUNTRACKERS ARE ENGINEERED FOR A 30+ YEAR LIFE



SunTracker 400 (1 or 3 Mirrors)



SunTracker 800

The Premium Advanced Daylighting SunTracker System harvests the full-spectrum of daylight — even during early, late and seasonal hours

- 1. GPS Controller** - Solar-powered GPS controller tracks the position of the sun and ensures the maximum light. Up to 64,000 lumens. No electrical hookup required. 100% off the grid solar powered natural lighting.
- 2. Diffusion and Thermal Barrier** - State-of-the-art prismatic lens provide evenly dispersed light throughout the day. Thermal barriers prevent heat gain associated with typical skylights.
- 3. Mirror Array** - Single or Triple dynamic mirror tracking array. The mirrors continuously track the sun across the sky even in winter's low sun angles providing an abundant source of free light.
- 4. Plastic Dome** - A clear, thermally formed, high impact resistant acrylic or polycarbonate dome providing superior strength and UV resistance. Easy Installation. Ciralight SunTrackers are AAMA A440-05 Certified.



Ciralight's SunTrackers are Perfect for Retail, Warehouses, Schools, Offices, Factories, Airports, and More



# Imagine if you could turn off your business lights up to 10.5 hours per day!

Retail continues to be one of the best applications, where expected sales increases can reduce ROI payback times to just months.

The full spectrum of daylight allows customers to better distinguish colors of packaging and products—especially food and produce. Studies conducted by a respected research group clearly show that customers remain in daylight stores longer and buy more than comparable artificially lit stores.

Ciralight SunTrackers will help your project earn LEED credits.



Passive skylights just can't match the duration and intensity of light that comes from the daylight of a Ciralight SunTracker.

During the middle of a sunny day, a skylight transmits direct sunlight that creates glare and heat, pushing the skylight into the Red Zone. Our SunTracker spends over twice as long in the Green Zone, (over 50 footcandles) distributing a soft, diffused light and never crossing into the Red Zone. Ciralight SunTrackers are designed to prevent heat gain associated with typical skylights, thus reducing your lighting and HVAC costs.



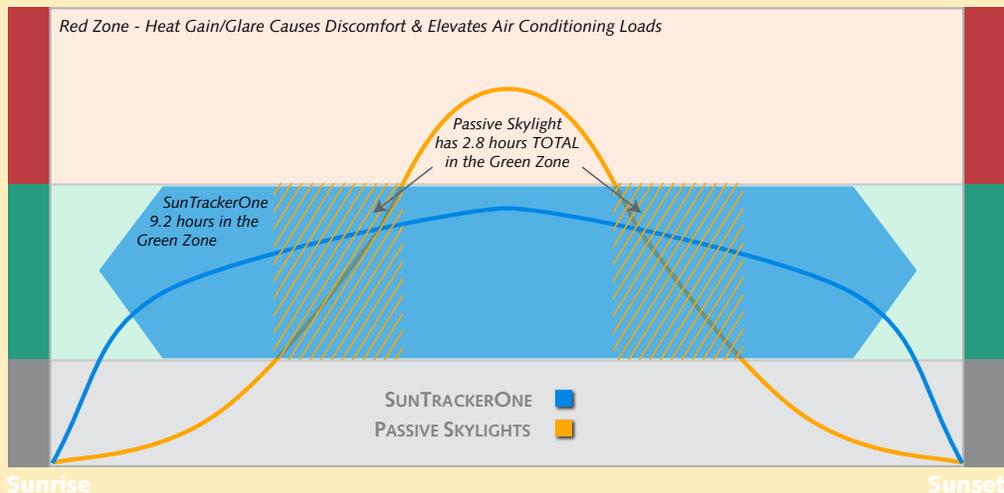
The lights in this store are OFF!

## Office Depot - Greensboro, NC

Average lighting readings in footcandles throughout store - Winter 2007

7:30 AM	9:30 AM	12:30 PM	3:30 PM	7:30 PM
<b>123 fc</b>	<b>107 fc</b>	<b>145 fc</b>	<b>114 fc</b>	<b>119 fc</b>

Daylight Source	SunTrackerOne	Premiere Passive 5x5
Daylighting Hours - Lights Off	9.2	4.4
Hours in the Green Zone	9.2	2.8





## A reduction in energy use alone will provide a 15%-35% Return on Investment.

A reduction in energy bills is certainly the attention-getter when considering daylighting. With more utilities implementing peak demand rates the incentive has never been greater. An unexpected benefit mentioned by current customers is the reduction in maintenance and longer life of their installed artificial lighting systems.

- Ciralight SunTracker Systems allow artificial lights to be turned OFF, thereby reducing the energy bill for every hour of usable daylight.
- Reduction in air-conditioning costs for buildings as compared to passive skylights.
- Analysts still predict electricity rate hikes for some markets.



## Humans perform and feel better under daylight when compared to artificial light—period. What's left to discover is just how much better.

After you've calculated your potential for energy savings you might reflect on the fact that only 3% of the overhead of a building is energy. Almost 94% is the cost of supporting people within the building. Now you can see where even a small increase in productivity or morale can translate into big returns. It just may be the competitive advantage you need.

- Higher productivity from pronounced increases in morale.
- Studies report up to 45% less employee absenteeism.
- Up to 500% fewer workers comp claims.
- Better visual performance translates into fewer errors (lower scrap rate) and fewer accidents.
- School studies reported 20-26% increase in student test scores.



## Every time our Ciralight SunTrackers are installed on a building it represents a significant move toward a Greener Planet!

No matter what your view on environmental affairs, anytime we can reduce dependence on foreign fuels and reduce carbon emissions we are better off. Our SunTrackers allow users to shut off electric lights during daytime hours. *Imagine* if every building used Ciralight SunTrackers and all the energy that would be saved. Ciralight SunTrackers provide unlimited Free light from the sun.

- According to the U.S. Department of Energy, in 2006 over 30% of the total energy consumption for commercial and industrial buildings within the United States is attributable to Lighting. (24.8% is directly for the lighting systems and 5.5% is for cooling based upon the lighting systems heat generation).
- A single "big-box" retailer can reduce over 600,000 lbs. of toxic green-house gasses in a single year by incorporating daylighting.

## ■ Benefits from using Ciralight SunTrackers include...

■ **Retail Sales** go up 10% – 40%, depending on the products sold and the inefficiency of the current artificial lighting system.

■ **Worker Performance** measured in productivity, absenteeism, error rates and accident rates. All improve dramatically under Ciralight.

■ **Student Performance** improves from 7% to 26% when compared to classrooms without daylighting.

■ **Office Performance** overall morale, team performance and the ability to cope with stress show measurable improvements.

■ **Patient Recovery** has been proven to speed up dramatically when patients are exposed to diffused daylight over artificial lighting.

*Source: An Investigation in the Relationship Between Daylighting and Human Performance, Pacific Gas and Electric Company, August 1999.*



## What's the next best step?

If the benefits of daylighting apply to your commercial or institutional building we suggest a no-obligation, in-depth lighting analysis of your facility as a next step.

Ciralight Global has developed a proprietary calculator that evaluates many different factors such as productivity gains and business increases – even how many cloudless days in your area. A Ciralight Daylighting Advisor can visit your location, evaluate the building, take measurements and provide you with an expected return on your investment. It's a dynamic process that allows you to adjust any factor and see how it changes your ROI.

**An in-depth, on-site analysis can be easily scheduled either on-line at our web site or via our toll-free phone line.**



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## Memberships Include:



DAY LIGHTING  
collaborative®



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