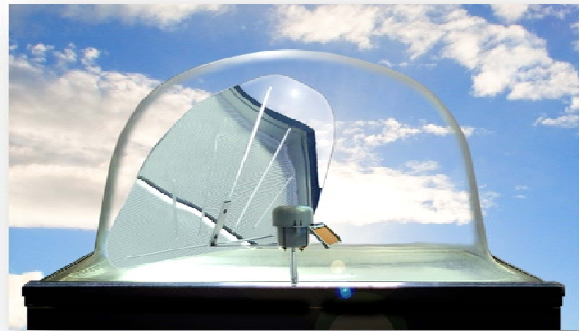
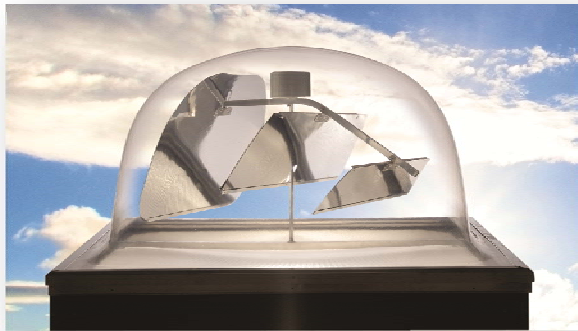




CIRALIGHT

SMART SKYLIGHTS



Ciralight Smart Skylights use sun-tracking GPS technology and mirrors under the dome to track the sun throughout the day to bring high levels of diffused natural light into buildings. Smart Skylights are entirely solar powered (no electrical hookup necessary) and allow businesses and schools to shut off electric lights for up to 10.5 hours a day. Designed with two thermal barriers Smart Skylights provide the light of an 800 watt metal halide bulb but without the heat gain of normal skylights.

Ciralight Smart Skylight Advantages

- More light when the sun is low in the sky.
- Abundant Daylight levels throughout the day allow lights off for longer hours of the day.
- Provides a higher level of illumination that is evenly distributed and diffused.
- Without the heat gain associated with passive skylights.
- Better color rendition, absence of flicker.
- Natural light provides a more productive work environment.
- Less absenteeism in work place.
- Improved student performance.
- Increased sales in retail environments.
- Reduces operating expenses.
- LEED Certification – Ciralight Smart Skylights earn valuable LEED® Credits.
- Solar powered active daylighting – entitles users to tax and green energy incentives.
- Provides a bright, abundant, quiet, healthy natural light, just as nature intended for up to 10.5 hours a day.

The Intelligent Choice!



DAYLIGHTING
collaborative®



Smart Skylights – Tested Tough Durable & Powerful

- Lifecycle tested up to 30 years under extreme environmental conditions (- 20 degrees to +200 degrees).
- Wind tested up to 105 miles per hour.
- Rain Tested up to 4 inches of rain per hour with winds of 70mph.
- Fall Protection up to 1200 lbs dropped from 6 feet.
- Temperature change - does not result in the heat gain associated with normal skylights.
- Illumination provides up to 64,000 lumens, equivalent light of an 800 watt metal halide.
- Ten Year Manufacturer’s Warranty – set them and forget them!



Smart Skylight Cost Savings & Benefits

- Save on energy cost by shutting of electric lights during daytime hours up to 10.5 hours a day. A well designed daylit building is estimated to reduce lighting energy use from 50% to as much as 80%.
- Save on Air-Conditioning costs to offset heat created by electric light fixtures with reduced usage.
- Save on repair costs associated with the maintenance of electric light systems with reduced usage.
- Reduce energy use during peak hours.
- As a solar powered Green Energy product receive Federal, State & Local Tax credits & Utility Company incentives.

Skylight Comparative				
Product	VLT	SHGC	U Value	Technology
Ciralight Smart Skylights	.91	.3196	.35	Active
Sun Optics (a)	.65	.49	.82	Passive
Solar Tube (b)	Not Rated	.34	.43	Passive
Normal Skylights (Avg.) (c)	.63	.55	.76	Passive

Visible Light Transmittance (VLT) measures how much light comes through a product. The higher the VLT, the more light is transmitted.

Solar Heat Gain Coefficient (SHGC) measures how well a product blocks heat caused by sunlight. The lower a skylight's solar heat gain coefficient, the less solar heat it transmits in the building.

U-Value measures how well a product prevents heat from escaping. The lower the U-value, the greater a skylight's resistance to heat flow and the better its insulating value.

Notes: a) Source: Sunoptics 800MD Product Brochure, b) Source: National Fenestration Rating Council website, c) Source: National Fenestration Rating Council Website.



CIRALIGHT

SMART SKYLIGHTS

Improved visibility due to higher illumination levels.

Improved visibility due to improved light quality

Better light for longer hours

Reduced energy costs