

ameri sunshineTM daylighting system

Natural Abundant Illumination



Saving Energy Costs for our Clients Saving the Environment - Providing Employment

- **The World's Most Advanced LED Integrated Daylighting System**
- **Superior Lens Design Captures Daylight from all Angles**
- **Converts Full Spectrum of Natural Light into Cool, Even Illumination**
- **Thermal Neutral Design is Great for all Climates**
- **Positive Effect on Human Health and Performance**

The Ameri SunShine Daylighting System is a technologically advanced, patented, Deep Well Daylighting system designed to convert raw sunlight into cool, even, illumination.

- A dual-dome lens design captures sunlight from all directions, while magnifying it to maximize lumen output, even on cloudy days.
- Featuring a unique diffusing lens that eliminates the more harmful spectrum of sun rays and evenly disperses light throughout the building.
- Engineered for Thermal Neutrality. Each unit is insulated to prevent external heat gain and the loss of internal conditioned air.
- Controlled LED Lighting System monitors for reduced natural light and provides additional lumens to maintain a pre-determined light level.
- SunShine can be installed in all building styles of new construction and easily retrofitted into existing buildings, and is an economical means of upgrading interior lighting and decreasing current energy costs.
- Available as a traditional Deep Well Skylight (SunShine I) or with a fully controlled LED lighting element (SunShine II); Ameri SunShine Daylighting Systems easily integrate natural light into any space.



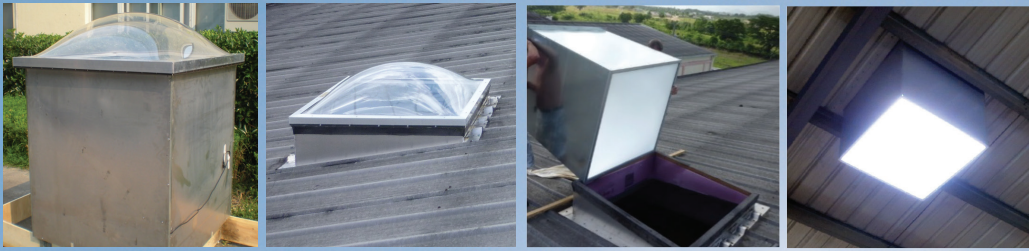
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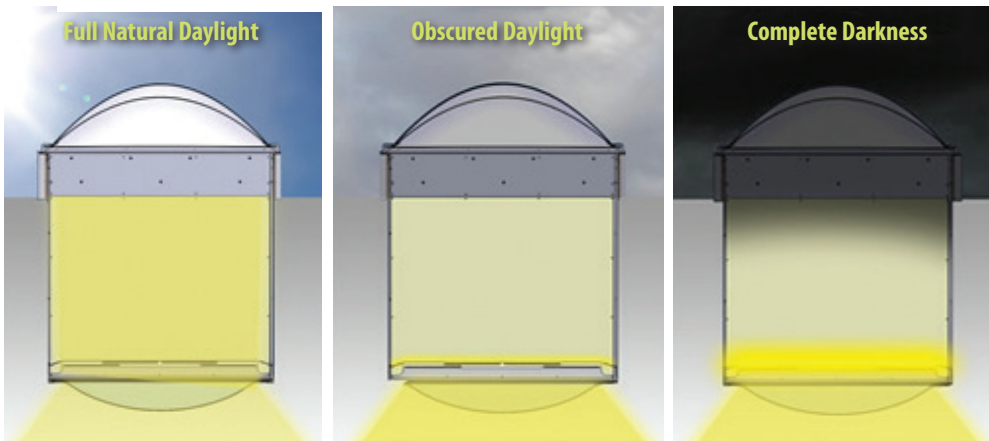
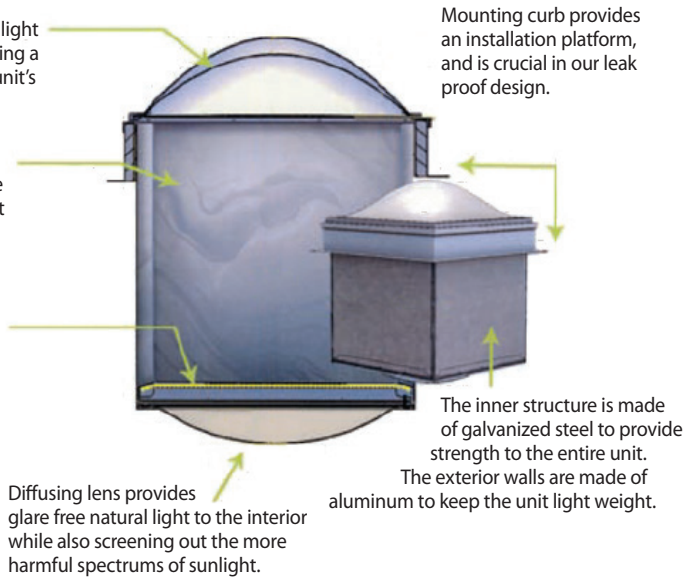
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Dual-dome lens design captures light from all angles, while also providing a thermal barrier, to maintain the unit's thermal neutrality.

Specular mirrored aluminum panels cover the inside of the unit, allowing maximum light transfer to building interior.

When natural light diminishes, the system utilizes LEDs to replace that light and regulate Lux output to the interior, up to 18,500 Lux. The lifetime of LED lamps is approximately 50,000 hours.



Benefits

- Saves electricity up to 100% during the daytime and 40-60% when operating the entire day
- Saves on lighting costs, capturing 90 to 95% of daylight
- Has a high R 26 value (thermal resistance—used for a unit value of any particular material; it is expressed as the thickness of the material divided by the thermal conductivity). Lowers cooling costs by eliminating heat, and heating cost by preventing heat loss.
- Evenly disperses light 1200-1800 square feet
- Provides controlled lighting for the interior all day long, mostly without any use of electricity, thus lowering carbon footprint to nearly zero
- Does not weaken the building structure
- Five year warranty on physical unit and LED has power supply for 50,000 hours
- Formal studies conclude Daylight Systems create a positive effect on workers' productivity, increases retail sales and generates higher test scores from students.

Product specification

- SunShine units are well sealed at the roof
- No limitations on the building structure and can be installed on any roof pitch
- Uses highest quality polished aluminum
- Unit size 4 feet x 4 feet and 2 feet x 2 feet; depth up to 12 feet
- Newest LED/Driver technology option 50, 100 or 200 watts
- Unit weight 115 pounds (4 x 4 x 4 ft) and 70 pounds (2 x 2 x 4 ft)
- Fireproof Class A Flame Spread Index
- Lens UV protection
- IP 67- totally protected against dust and immersion
- Minimum to no maintenance cost
- Easy access to all parts and components are snap on and off for any replacements
- Patent and Trademark protected

Made in USA

SunShine I

- Thermal Neutral Design
- Static, internal reflective panels engineered for maximum light return.
- Diffusing Lens provides cool even interior lighting.
- The industry's most cost effective method of integrating natural daylight into a large commercial space.

SunShine II

Includes all of the advanced features of The SunShine I Daylighting System plus...

- Industry's only Daylighting System with a fully integrated, controlled LED lighting element.
- Low voltage LEDs use less power than conventional lighting systems during nighttime and low sun hours.

SunShine III (In development)

The SunShine I and II Daylighting System plus...

- Integrated Solar Panels and storage cell to power LED elements
- Zero electric cost

- 5 year limited warranty
- Fully UL & CE Certified, US & China patented, approved for rebates, credits and write-offs
- Seamless Solar Integration
- Financing available
- Engineered for simple installation
- Cost-Effective: ROI starts the day of installation, and averages 1-3 years

For more information, contact the local representative of Ameri Energy Group:



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