

To find a Solatube® Daylighting Expert in your area visit www.solatube.com or call (888) SOLATUBE.

Technical Resources

Visit www.solatube.com/technicalresources and get the tools you need to specify Solatube® Products into your next project:

- Building Information Models (BIM)
- CAD Drawings
- Product Cut Sheets
- Architectural Specifications
- Photometric IES
- Spacing Criteria
- Installation Instructions
- Case Studies
- Daylighting Facts and Figures

Codes and Approvals*

Rest assured that the Solatube Daylighting System can be used in your project without hassles. Solatube Daylighting Systems have been approved by all major building product approval entities:

- A440-08 (AAMA/WDMA/CSA)
- Code Compliance Research Report (CCRR)
- Florida Building Code/High Velocity Hurricane Zone
- City of Los Angeles
- Texas Department of Insurance
- ENERGY STAR®/NFRC

* Certification varies by product model and configuration.



Architectural **Idea Book**

Today, daylight is inspiring a whole new approach to sustainable architecture and design.

Let's face it: change isn't something that happens spontaneously. After all, we didn't just wake up one day and decide to revolutionize the daylighting industry. Truth be told, changing the way people use daylighting has simply been the result of our passion to challenge conventional thinking and find a better way to bring natural sunlight to virtually every space.

When we started Solatube® International, Inc., we challenged ourselves to find an affordable way to bring daylight into dark spaces where natural light had rarely been an option. Our original designs were revolutionary and earned the praise of the media and the loyalty of product owners all over the world.

One thing is clear. Our products are not skylights. They are high-performance daylighting systems that use advanced optics to significantly improve the way daylight is harnessed. In a quest to tell others about this fantastic new invention, the market needed a name. Thus, the term "Tubular Daylighting Device" was born.

Over the years, we continued to innovate, adding optical technology throughout the system to capture more sunlight on the roof, transfer more sunlight through the tubing and effectively diffuse the light in the building interior. Once you see Solatube Daylighting Systems, you'll understand. They are remarkable.

Today, architects and designers are adopting our Daylighting Systems to solve some of their toughest sustainable design challenges. While we always knew that nothing could be more sustainable than integrating natural daylight into a space, we are continually inspired when we see new and exciting designs using our Daylighting Systems. Read on and discover the many opportunities for natural lighting.

Contents

Breakthrough Technology	4
Project Portfolios	
Education	12
Office	14
Retail & Restaurant	16
Recreation & Sports	18
Warehouse & Industrial	20
Residential	22
Solatube® Daylighting Systems	
SolaMaster® Series	
Models & Diffusers	24
Flashings & Accessories	26
Performance	29
Brighten Up® Series	
Models & Designer Touches	30
Flashings & Accessories	32
Sustained Innovation	34

Breakthrough Technology For Higher Performance

Solatube Daylighting Systems are designed to provide superior performance for virtually every daylighting application. Imagine being able to take daylight where you never thought possible. How do we achieve this? It's all in the details. At the heart and soul of every Solatube product, you'll discover an array of innovative technologies that deliver amazing results.

Over the next few pages, we'll introduce you to the unsurpassed capture, transfer and delivery technologies that make Solatube Daylighting Systems the ultimate daylighting experience.

1

Capture Zone

The story all begins with capturing sunlight. We challenged our engineers to develop a dome that automatically adjusts daylight harvesting throughout the day while achieving demanding thermal performance requirements. The solution? The industry's most advanced dome technology with the ability to virtually bend daylight.

1

2

Transfer Zone

How much does a bounce matter? You'd be surprised. Every time a ray of light is reflected, a small amount of that light is lost. And even a few percentage points in reflectivity make a huge difference in overall performance. It's that attention to detail that led us to develop the highest performing tubing available.

2

3

Delivery Zone

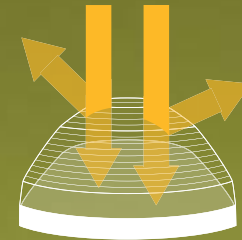
What makes Solatube Daylighting Systems unique? The ability to offer amazing control over daylighting a space. From light control to diffusion we've thought of virtually everything you need to bathe any space in pure, natural light.

3

1 Capture Zone

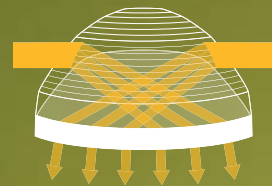
Redefine Harvesting

Traditional daylight harvesting has its issues – too much light and heat sometimes and not enough light other times. Problem solved. Solatube Daylighting Systems that feature Raybender® 3000 Technology use a series of fresnel lenses to harvest appropriate amounts of sunlight based upon the incidence angles of daylight. Raybender 3000 Technology delivers an Effective Daylight Capture Surface (EDCS) that is nearly double that of a clear dome of the same diameter.



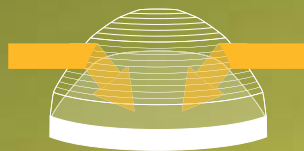
Reject High Intensity Sunlight

There is such a thing as too much of a good thing, and summer mid-day sun is a great example. When the sun is high in the sky vault, there is simply too much sunlight and heat. This lens screens the over-powering and punishing mid-day sun and only allows comfortable daylight into the optical tube. The result is a staggering reduction in solar heat gain and a favorable reduction in bothersome light intensity for improved output consistency throughout the day and over the course of the year.



Superior Visual Comfort

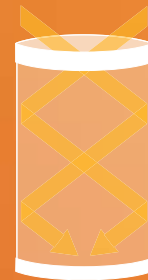
Not only does this lens help redirect low-angled light, it also works to temper glints by mixing light in the optical tubing. This provides that lively sunlight you've come to expect from a Solatube Daylighting System with even more visual comfort.



Harvest Low-Angled Daylight

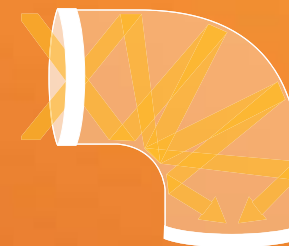
This lens captures low-angled morning and afternoon sunlight and redirects it into the tube to greatly extend your day. In the winter, Raybender 3000 Technology captures not only low-angled sunlight on the horizon, but also redirects diffused light from the sky vault delivering vastly higher light levels.





Extended Tube Lengths

With a phenomenal specular reflectivity of 99.7%*, Solatube Spectralight® Infinity Tubing can run amazing lengths – in excess of 50 feet (15.2 m) – without jeopardizing effectiveness. Think of the possibilities...



0-90° Flexibility

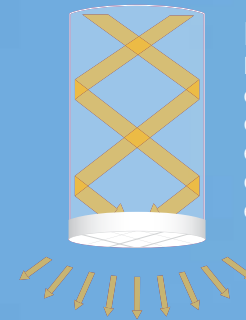
If you need to go the distance, you may need to make a turn. Never fear. Solatube Daylighting Systems can be designed with angles from 0 to 90 degrees to overcome construction limitations. It's made possible with Spectralight® Infinity Tubing.

② Transfer Zone

Redefine Possibilities

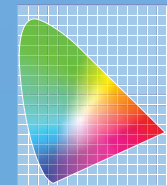
Imagine having daylight in interior offices, or lower floors of a building, or in hallways and corridors. Solatube Spectralight Infinity Tubing is redefining where daylighting can and should be used. With the most reflective surface used in Tubular Daylighting Devices, Spectralight Infinity Tubing transfers daylight with minimal absorption losses, even when going to hard-to-reach places.

*Specular reflectance greater than 99%, with wavelength specific reflectance up to 99.7% for the visible spectrum



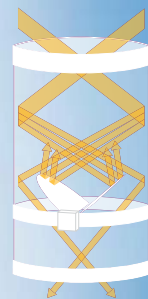
Design With Daylight

Diffuser options for both open and closed ceiling applications provide designers with choices in diffusing light evenly into every space. Our engineered diffusion options provide precise and even daylighting throughout the space.



Superior Color Rendition

The unique spectral reflectance characteristics of Spectralight® Infinity Tubing reflect the visible spectrum without color shift to deliver the purest color rendition possible. It's performance like this that ensures that the color you use in a space will be vivid and accurate.



Light Control

With the ability to place daylight everywhere, it became more important than ever to offer powerful control options. The Solatube Daylight Dimmer™ allows you to completely adjust daylight levels in a room with the touch of a switch.

③ Delivery Zone

Redefine Illumination

Effective daylighting is a cornerstone of modern architectural design. Now for the first time architects and designers don't have to sacrifice natural daylight. Solatube Daylighting Systems provide a level of management and dependability that allow you to virtually turn the lights off. Imagine being able to daylight your most challenging projects –from schools to offices – and ensure that daylight levels are optimized for all your occupants.

Education

Daylit schools lead the class in student performance.



▲ **Magnolia Elementary** Carlsbad, CA **R**

▼ **Linda Vista Teen Center** San Diego, CA **R**



Tucker Sadler Noble Castro Architects

▼ **Kinard Jr. High** Fort Collins, CO **N** **S**



RB+B Architects, Inc.

Kinard Jr. High has set the standard in sustainable school design. The architects at RB+B Architects have said it best, "We feel that Kinard Junior High School is an excellent example of providing students and staff with exceptional natural daylight classrooms and also reducing our energy use."

▼ **Oceanside Sr. High School** Oceanside, CA **N**



Tucker Sadler Noble Castro Architects

▼ **Ontario Christian Elementary** Ontario, CA **R**



Office

With non-conventional thinking,
everyone can have a window office.

▼ **Southern Sandoval County Arroyo Flood Control Authority** Rio Rancho, NM  



Sustainability was at the core of the design of the **Southern Sandoval County Arroyo Flood Control Authority** offices. Solatube Daylighting Systems are utilized in both open and drop ceiling applications to provide a bright, open feel to the work space.

Architect: Environmental Dynamics, Inc.

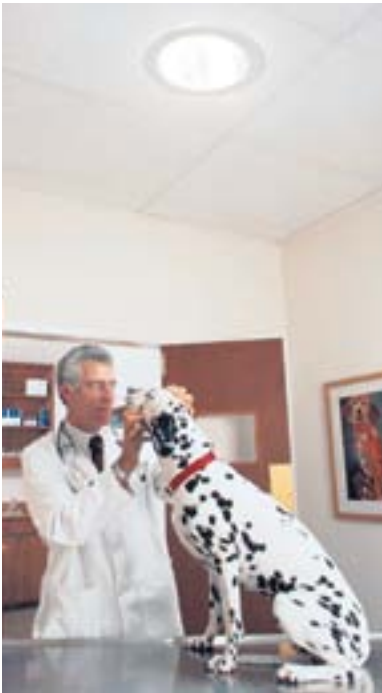


▲ **Solatube International, Inc.** Vista, CA 

▼ **Student Conservation Association** Charlestown, NH  



▼ **Veterinary Office** San Diego, CA 



▼ **Architectural Concepts** San Diego, CA 



Architectural Concepts


Retail & Restaurant

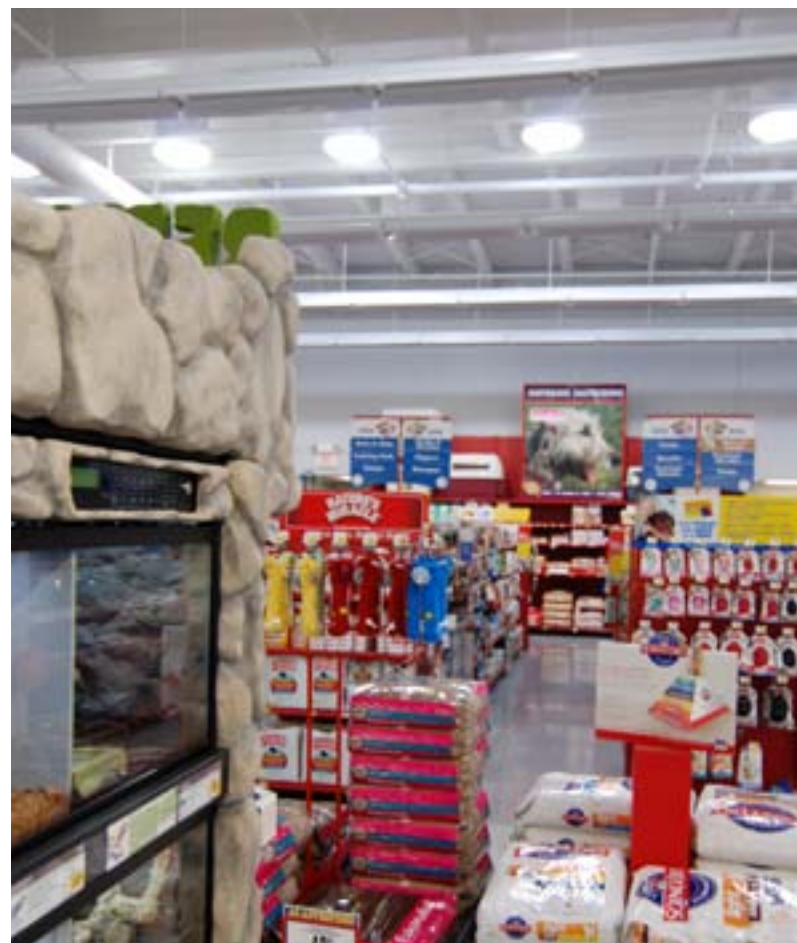
A bright idea for ringing in more sales.




▲ REI Boulder, CO 




▼ Stater Bros. Murrieta, CA 



▼ PETCO Lake Elsinore, CA 



▼ Subway Kissimmee, FL 



▼ A Southern Season Chapel Hill, NC 

The first Subway Eco-Store, a collaboration with the USGBC, used Solatube® Daylighting Systems throughout the restaurant to help achieve their sustainable design goals.

Lighting Designer: Benya Lighting Design

Lighting Designer: Color Lume

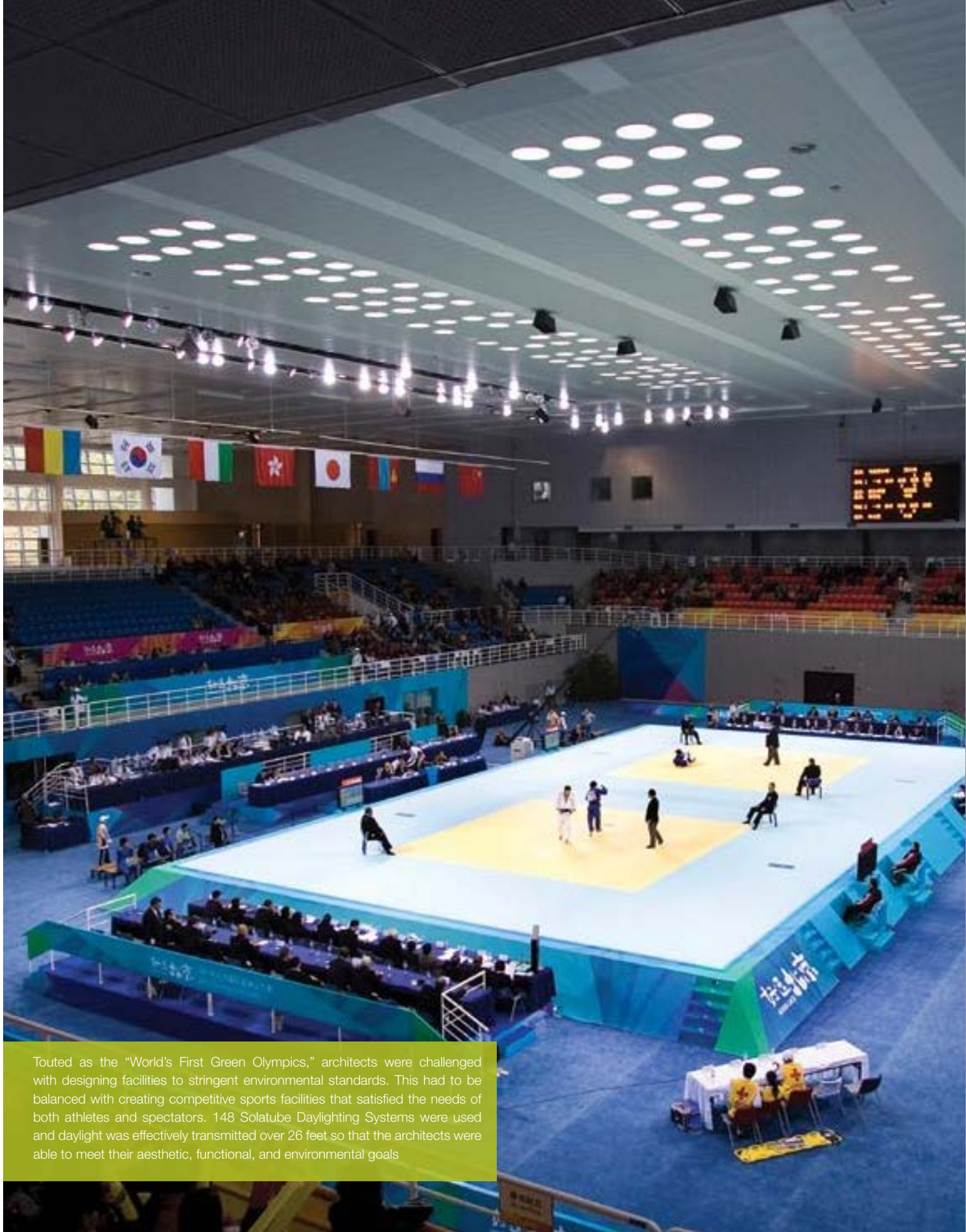
Recreation & Sports

Now every sport can take on the great outdoors.

▼ White Bear Raquet and Swim Club White Bear Lake, MN  



▼ Natomas High School Gymnasium Sacramento, CA 



Touted as the “World’s First Green Olympics,” architects were challenged with designing facilities to stringent environmental standards. This had to be balanced with creating competitive sports facilities that satisfied the needs of both athletes and spectators. 148 Solatube Daylighting Systems were used and daylight was effectively transmitted over 26 feet so that the architects were able to meet their aesthetic, functional, and environmental goals

▲ Beijing Science & Technology University Gymnasium Beijing, China  

Warehouse & Industrial

Turn off the lights and rack up the savings.



▲ **Greenheck Fans** Rocklin, CA **R**



▲ **Peter Michael Winery** Calistoga, CA **R**

▼ **Federated Logistics (Macy's/Bloomingdales)** Los Angeles, CA **R**

▼ **Aqualung** Vista, CA **R**



▼ **Polyseco SA** Aspropyrgos-Attica, Greece **R**



Federated Logistics introduced daylight into various departments including receiving, repair, and customer returns in order to reduce energy consumption and increase the quality and quantity of light available to employees. Additionally, daylight provided true color rendition for furniture repair and improved product identification for warehousing and shipping.

Residential

Natural daylight brings every room to life.

▼ Private Residence



▼ Shea Homes



▲ Private Residence



▲ Bigelow Homes HomeTown Aurora Urban Living Lofts

▼ Private Residence



SolaMaster® Series

Daylight the most expansive spaces.

Expansive spaces require extraordinary amounts of natural light. With that in mind, we designed the Solatube SolaMaster® Series, which feature the highest Effective Daylight Capture Surface (EDCS) available, our largest aperture tubing, and highly effective, patented dome technology. The Solatube 750 DS Daylighting System is an engineering revolution that balances illumination intensity, consistency, and thermal performance. Alternatively, the Solatube 330 DS Daylighting System is designed to provide exceptional light levels during peak daylight hours.

All of this combined with our Spectralight Infinity Tubing make it possible to bring daylight deep into buildings where natural light has rarely been an option.

	Solatube® 750 DS Daylighting System	Solatube® 330 DS Daylighting System
Specifications		
Tube Size (Diameter)	21 in (530 mm)	21 in (530 mm)
EDCS* Effective Daylight Capture Surface	750 in²	330 in²
Technology Features		
Raybender® 3000 Technology	■	
LightTracker™ Reflector		■
Spectralight® Infinity Tubing	■	■
Energy Performance		
ENERGY STAR®	■**	
Design Criteria		
Effective Tube Length	50 feet (15.2 m)+	50 feet (15.2 m)+



* EDCS represents the surface area of the dome that collects and redirects sunlight.
** ENERGY STAR® qualified for closed ceiling configurations with Natural Effect Lens.

Diffusers

Meticulously designed and artfully crafted, Solatube SolaMaster Series diffusers are engineered to give you optimal control over vast amounts of daylight generated from our proprietary Spectralight Infinity reflective tubing. Whether your goal is to blend in beautifully or stand artfully apart, these diffusers offer an exciting array of possibilities.

Closed Ceiling Diffusers

Designed to integrate into standard commercial suspended ceilings using a Solatube Transition Box.

OptiView® Diffuser

A matrix of individual fresnel lenses offers a unique view of the sky above and also provides unrivaled and highly engineered diffusion.

Prismatic Diffuser

Ideal for replicating the look of traditional troffers.

Open Ceiling Diffusers

The Open Ceiling diffuser creates the perfect finishing touch to open ceiling applications by easily snapping on to the bottom tube.

OptiView® Diffuser

The innovative design of our Open Ceiling OptiView® Diffuser delivers the cleanest, purest natural daylight imaginable.



Prismatic Diffuser

Designed to blend into any design by replicating the look and style of traditional lighting fixtures.




A full selection of durable flashings ensures leak-proof, hassle-free installations on virtually any roof type and pitch. The Solatube self mounted flashings can be integrated into the roofing system for a worry-free installation.


Curb Mounted




Membrane



Built-up





Metal




Tile

- Use on pitched or flat roof with any roof materials and with pre-built wood or manufactured metal curb.


Self Mounted



Built-up



Membrane



Metal Roof

- Flashing options available for pitched and flat roofs in the following heights: 4 in/100 mm, 8 in/200 mm and 11 in/280 mm.
- The 4 in/100 mm high flashing is recommended for most residential applications because of its low profile.
- The 8 in/200 mm and 11 in/280 mm high flashings are recommended for use on flat commercial roof applications to meet commercial curb height requirements.

Introducing the Solatube® Metal Roof Flashing with an innovative edge-to-edge leakproof design.

More Curb Appeal

The Solatube Metal Roof Flashing challenges the conventional wisdom of the expensive and obtrusive box and flange designs used in traditional curb systems.

What's the secret? The innovative, round edge design of the Solatube Metal Roof Flashing reduces exposed surface area by nearly 50%* and eliminates the need for bulky crickets to divert water. Plus, the unique inverted flange design conceals the fasteners reducing roof clutter. The new Metal Roof Flashing can even be painted to match any roof color. The end result is a sleek low-profile appearance that complements any roof design.

* As compared to traditional curbs.

Turret Extensions

- Use to raise the height of the Solatube dome on a roof to avoid snow, water or shading from roof obstructions.
- Order appropriate amount of extension tubing to accommodate turret height.
- Available in 12 in/300 mm, 24 in/600 mm, 36 in/900 mm and 48 in/1200 mm sizes



Versatility that Fits

In just a few easy steps the Solatube Metal Roof Flashing can be adapted to fit virtually any Standing Seam Rib roof profile meeting the minimum rib and seam measurement requirements listed at the right.

Simply trim the Solatube Metal Roof Flashing to match the roof profile and it's ready to mount to the roof deck.

Compatible with many roof profiles such as trapezoidal, standing seam, batten and more. It's easier than ever to fit Solatube Daylighting Systems into your next project!



1 **Primary Seal**
Butyl tape and rivets bond and seal to the interior flange to the roof deck.

2 **Exterior Seal**
A bead of sealant provides a secondary moisture barrier and protects the Primary Seal from UV exposure.

3 **DryLock Barrier**
Fold and seal the metal roof material to lock the flashing to the roof deck and create a channel that prevents moisture from penetrating the interior space.

Innovative DryLock Technique

We understand that creating a roof penetration is one of the most challenging issues with metal roofs. Solatube DryLock Technique goes beyond traditional crickets, flashings and sealants by providing a triple-seal approach that virtually locks the flashing to the metal roof deck.

The DryLock Technique starts with butyl tape and rivets that securely fasten and seal the flashing to the roof deck. Then, a bead of sealant provides a secondary exterior seal along the perimeter, protecting the Primary Seal from UV exposure. Lastly, the DryLock Barrier is created by folding and sealing the metal roofing material to the flashing interior. This forms a channel that prevents any potential moisture from penetrating into the space. All while concealing the flange and fasteners from exposure to the elements.

The result? An enduring seal that's engineered to last.

Daylight Dimmer

Use the Daylight Dimmer* to control light output to any desired light level. Accepts power supplies ranging from 90 to 277 volts AC. It is ideal for conference rooms, classrooms and offices.



Daylight Dimmer Switch Kit (sold separately) includes DPDT switch, wall plate and 15 ft/4.5 m of cable. Multiple Daylight Dimmers can be controlled by one switch.



Open Ceiling Trim Ring



For use with the open ceiling applications, the trim ring provides a finished appearance to the installation.

Inner Dome

The Solatube 750 DS is available with an optional inner dome. This dual dome technology provides superior thermal performance.



Additionally, the impact resistant polycarbonate inner dome meets the criteria for applications in High Velocity Hurricane Zones.

Flashing Insulator

The Flashing Insulator material helps to reduce flashing condensation in cold climates when the flashing is exposed to a humid interior space. The insulator is affixed to the flashing base and the top tube slips through the opening which provides a seal between the room interior and metal flashing.



Security Options



The Security Bar inserts into the flashing turret across the diameter of the opening. The bar is fastened using rivets and prohibits entry through the dome.

The Dome Security Kit provides three rivets and spacers to reduce the possibility of dome removal.



Wire Suspension Kit



Use the wire suspension kit when additional bracing to the structure is required.

Spectralight® Infinity Extension Tubes

Extension tubes can be added in increments of 24 in/600 mm for long runs without sacrificing performance. The secret is the unrivaled reflectivity of Spectralight Infinity. This tubing has the highest reflectivity available for the brightest, purest light. Create tube lengths greater than 50 ft/15 m.

Dome Edge Protection Band

This is required for fire rated roofs. (not pictured)



Visibly Better Efficiency

With the Solatube 750 DS you never have to sacrifice daylighting performance to achieve remarkable energy efficiency. Unlike the majority of fenestration products, Solatube Daylighting Systems offer maximum light performance with minimal solar heat gain. With an energy performance ratio over double that of most fenestration products, Solatube Daylighting Systems are the highest performing choice for daylighting any space.

Fenestration product	Visible Transmission (Vt)	Solar Heat Gain (SHGC)	Light to Solar Heat Gain Ratio (Vt/SHGC)
Triple Glazed Low-e Window† Clear glass, suspended low-e Heat mirror film	22%	0.16	1.38
Triple Glazed Window† Clear glass, suspended low-e Heat mirror film, clear glass	63%	0.36	1.75
Double glazed Window† Clear glass, low-e glass	71%	0.49	1.45
Double Glazed Prismatic Skylight† Clear outside, prism inside	71%	0.51	1.39
Solatube® 750 DS Daylighting System*	60%	0.20	3.00

† Source: NFRC Spectral Weighting Function Research Project, Draft 2.0, March 2007
* Solar Heat Gain Coefficient (SHGC), U-Factor, and estimated Visible Transmission (Vt) apply to closed ceiling applications.

Thermal Performance

The Solatube 750 DS offers unsurpassed thermal performance. Unique features such as Raybender 3000 Technology, Inner Dome for enhanced thermal performance and Spectralight Infinity Tubing work in concert to deliver the most energy efficient tubular daylighting device available.



Brighten Up® Series

A bright idea for every room.

The Solatube® 160 DS and 290 DS Daylighting Systems set performance standards never seen before. These models feature our patented Raybender® 3000 Technology and LightTracker™ Reflector to deliver nearly double the Effective Daylight Capture Surface (EDCS) of similar size copycat products. Highly effective and simple to install, the Brighten Up® Series can transform dark interior rooms and light more expansive spaces with multiple units creating a unique architectural effect.

	Solatube® 290 DS Daylighting System	Solatube® 160 DS Daylighting System
Specifications		
Tube Size (Diameter)	14 in (350 mm)	10 in (250 mm)
EDCS* Effective Daylight Capture Surface	290 in²	160 in²
Technology Features		
Raybender® 3000 Technology	☐	☐
LightTracker™ Reflector	☐	☐
Spectralight® Infinity Tubing	☐	☐
Energy Performance		
ENERGY STAR®	☐	☐
Design Criteria		
Effective Tube Length	30 feet (9.1 m)+	20 feet (6.1 m)+

* **EDCS** (Effective Daylight Capture Surface) represents the surface area of the dome that collects and redirects sunlight. For comparison, a clear dome with no lens on a typical 10 inch tube system has an EDCS of 78.5 square inches.



Brighten Up® Series: Decorative Fixtures, Diffusers & Add-ons

GLASSDISTRACTIONS™ Decorative Fixtures



AuroraGlo
When the room demands a design element, AuroraGlo commands attention.
Available for the 290 DS.



QuadraFrost
Deliver stunning daylight with symmetry and style. QuadraFrost can be arranged to compliment or contrast the lines of any room.
Available for the 290 DS.



VividShade
The chic VividShade accents daylight with contemporary fabric.
Available for the 290 DS.



OptiView®*
The unique dazzling lens of OptiView delivers artful views of the sky.
Available for the 290 DS and 160 DS.



JustFrost
Simply stunning. JustFrost showcases sunlight in a clean, contemporary design.
Available for the 290 DS and 160 DS.



TierDrop
Cascading. Classic. Beautiful.
Available for the 290 DS and 160 DS.

Diffusers

Classic Vusion™ Diffuser*
For diffusion that subtly blends with the ceiling plane, select the Classic Vusion.
Available for the 290 DS and 160 DS.



* Energy Star® rating varies by product model and configuration.

Add-ons

Daylight Dimmer™
Because you don't need 100% of the light 100% of the time, the innovative Solatube Daylight Dimmer easily controls the amount of daylight entering a room with the convenience of a switch.



Light Add-on
When equipped with a Light Add-on kit, the Solatube Daylighting System provides the convenience of a switched light for night time use.



Ventilation Add-on
An integrated fan and lens design provides an attractive look. (Roof Vent Cap sold separately.)
Available for the 160 DS.

Brighten Up® Series | **Flashings**

Solatube® 290 DS
Solatube® 160 DS

For fast and easy installations, Solatube flashings are available for nearly all roof types and pitches. The flashings provide complete protection and create an attractive appearance on the roof. They're fabricated as a single, seamless piece to ensure leak-proof performance. Pitched flashings provide the optimal position for the tube to capture daylight on sloped roofs.

No Pitch	Pitched	Universal Tile	Curb Mounted
 0:12 - 3:12	 4:12 - 12:12		
 Flat	 Shingle	 Tile	 Standard
<ul style="list-style-type: none">■ Use on low pitched or flat roofs. Available in 4 in/100 mm or 6 in/150 mm heights.■ Use 6 in/150 mm for areas prone to heavy snow load and on commercial roofs.	 Shake/Slate	 Flat Tile	<ul style="list-style-type: none">■ Available for Solatube® 290 DS
	 Metal*	<ul style="list-style-type: none">■ Pitched or no pitch models are available.■ Use standard pitched or standard no pitch flashings as a base.	
	<small>*Order Metal Roof Kit.</small>		

Turret Extensions

- Use to raise the height of the Solatube dome on a roof to avoid snow, water, or shading from roof obstructions.
- Order additional Spectralight® Infinity tubing to accommodate turret height.
- Available in 2 in/50 mm, 4 in/100 mm, 12 in/300 mm, 24 in/600 mm, 36 in/900 mm and 48 in/1200 mm sizes.



2 in/50 mm Turret Extension installed on tile roof

Brighten Up® Series | **Accessories**

Solatube® 290 DS
Solatube® 160 DS

Spectralight® Infinity Extension Tubes

Extension tubes can be added in increments of 16 in/400 mm or 24 in/600 mm for long runs without sacrificing performance. The secret is the unrivaled reflectivity of Spectralight® Infinity Tubing, making it possible to create up to 90 degree angles and long tube runs up to 30 ft/9 m.



Flashing Insulator

The Flashing Insulator helps to reduce flashing condensation in cold climates when the flashing is exposed to a humid interior space. The insulator is affixed to the flashing base and the tube slips through the opening, which provides a seal between the interior and metal flashing.



Dome Edge Protection Band

Required for fire rated roofs.



Shock Inner Dome

High Velocity Hurricane Zone areas such as South Florida require the Solatube Shock Inner Dome. This highly impact-resistant inner dome can also be added to any installation for extra protection from extreme forces.



Sustained Innovation

Solatube® Daylighting Systems are recognized for their ability to help design professionals achieve their LEED® and ENERGY STAR® accreditation goals. Adding natural daylight to every project has become critical to the success of many of the world’s greatest sustainable design achievements.

The LEED rating system, developed by the U.S. Green Building Council (USGBC) in 2000, is an internationally recognized system for certifying design, construction, and operation of green buildings.

Solatube Daylighting Systems offer an innovative way to incorporate green building practices by significantly contributing to a project’s ability to achieve LEED certifications. In fact, Solatube products can contribute to the achievement of LEED milestones across all LEED rating systems.



LEED® Contribution Matrix

For a complete Solatube® Daylighting System LEED® Impact Analysis visit www.solatube.com/LEED

	LEED® Rating Systems							
	NC 2009	CS 2009	S 2009	CI 2009	EBOM 2009	Homes	Retail Pilot	Healthcare Pilot
Total LEED® prerequisites and credits Solatube® Products can contribute to	6	6	7	6	5	4	7	6
Total associated range of points available	5 - 27	7 - 29	5 - 26	5 - 10	4 - 24	4 - 38	6 - 19	5 - 18
LEED® Credit								
Sustainable Sites								
SS Credit 8.1 Light Pollution Reduction	1	1	1	1	1		1	1
Energy and Atmosphere								
EA Prerequisite 1 Minimum Energy Performance	Prereq	Prereq	Prereq	Prereq	Prereq	Prereq	Prereq	Prereq
EA Credit 1 Optimize Energy Performance	1 - 19	3 - 21	1 - 19		1 - 18	2 - 34	1 - 10	1 - 10
EA Credit 4 Windows						1 - 3		
Materials and Resources								
MR Credit 5 Regional Content				1			1	
Indoor Environmental Quality								
IEQ Credit 6.1 / 6 Controllability of Systems - Lighting	1	1	1	1			1	1
IEQ Credit 8.1 Daylight & Views: Daylight	1	1	1 - 2	1 - 2	1		1 - 2	1 - 3
Innovation in Design								
ID Credit 1 Innovation in Design/ Exemplary Performance	1 - 5	1 - 5	1 - 4	1 - 5	1 - 4		1 - 4	1 - 3
ID Credit 3 School as a teaching tool			1					
4 levels of LEED® certification: Certified = 40-49 Points, Silver = 50-59 Points, Gold = 60-79 Points, Platinum = 80 Points & Above								