

“ As lighting designers, we were especially particular about the quality of light within our own office, and we found that the layout of 45 Solatube Daylighting Systems provided an even, natural light that larger conventional skylights could not provide.

—Paul Gregory  
Focus Lighting

# Solatube® Brighten Up® Series

A big idea for small spaces





## Brighten Up Series Benefits

The trailblazing Solatube Brighten Up Series features advanced optical technologies that deliver an abundance of daylight to practically any interior space. Its unique engineering also makes it possible to skirt obstacles, so light can be placed exactly where it's needed without major structural modifications. The result is a cost-effective and energy-efficient commercial daylighting solution that brings natural light to places where skylights and windows simply can't reach.

• Uses selective optics and superior transmission to maximize light capture and increase output

• Produces consistent colour temperature throughout with no colour shift and stable colour rendition across the visible light spectrum over the course of the year

• Filters out infrared wavelengths to reduce daytime cooling loads and minimize costs related to air conditioning use

• Blocks ultraviolet light, which can damage interiors and fade furniture and fabrics

## Technology That Delivers More Than Just Light

The Brighten Up Series uses breakthrough optical technologies to deliver optimal amounts of pure, natural light indoors with minimal heat gain and heat loss. The system harvests natural light from sunup to sundown using a patented rooftop dome, then transfers it up to (9 m) 30 ft) to interiors through highly reflective tubing. At the ceiling level, specially designed lenses evenly disperse the daylight throughout the space for energy-efficient lighting that is cost-effective and sustainable.

### Maximized Capture

Advanced optical domes capture daylight using proprietary technologies that harvest low-angle morning and afternoon daylight to increase light output, while filtering out harmful UV rays.



### Raybender® 3000 Technology

A patented lens that redirects low-angle light and rejects overpowering high-angle light and heat for maximum light capture and minimum solar heat gain

### LightTracker™ Reflector

An innovative in-dome reflector made of Spectralight® Infinity material and featuring Cool Tube Technology that increases light output and minimizes solar heat gain

## Efficient Transfer

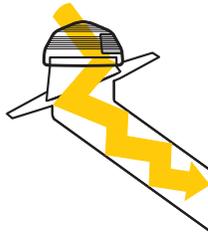
The world's most reflective tubing transfers maximum daylight from rooftop to ceiling with minimal light loss and perfect colour rendition.



### Spectralight Infinity Tubing

Proprietary material with Cool Tube Technology delivers 99.7%\* specular reflectivity for maximum daylight transfer

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



### Cool Tube Technology

Proprietary material used in Solatube reflectors and tubing that filters out heat-infused infrared rays to minimize solar heat gain

## Controlled Delivery

Specially designed optical lenses evenly disperse daylight throughout the area to reduce glare and provide visual comfort.



## Small Offices

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## Corridors

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## Restrooms

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## Storage Rooms

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# Brighten Up Series Models

Since buildings come in different sizes, so do our daylighting systems. The Brighten Up Series models can be used individually to illuminate small areas or in multiple configurations to attain predictable lighting results for larger spaces. They are ideal for hard or suspended ceilings with heights up to 3 m (10 ft).

## Solatube 160 DS

The Solatube 160 DS (250 mm/ 10 in. diameter) is ideal for small spaces like offices, corridors, and restrooms. Use multiple units to daylight larger rooms or opt for the larger Solatube 290 DS.

## Solatube 290 DS

The Solatube 290 DS (350 mm/ 14 in. diameter) provides approximately twice as much light as the Solatube 160 DS and, in addition to lighting small offices and corridors, can be a great solution for large areas such as conference rooms.

“The versatility of the Solatube Daylighting Systems allowed us to design the product around the existing skylight openings. This eliminated the need for more roof openings, saving time and money.”

—Brian Hardham  
Heath Design Group



Solatube 160 DS

Solatube 290 DS





## Daylight Dimmer

Uses a patented butterfly baffle and convenient wall-mounted switch to allow for simple and easy adjustments to room daylight levels.



## Light Add-On Kit

Kit components easily attach to the inside of the Brighten Up Series tubing to provide electric lighting for nighttime use.



## Ventilation Add-On Kit

Combines daylighting and ventilation in one attractive fixture, leaving spaces humidity-free.



# Decorative Fixtures and Diffusers

Solatube Daylighting Systems don't just deliver daylight to interiors. They do it with style. Our Solatube Diffusers and Decorative Fixtures with tempered glass enhance the look of any interior with options that range from classic to contemporary. For even more customization, our specially designed Effect Lenses let you select the specific light colour and intensity.



## JustFrost™

Simply stunning, JustFrost showcases sunlight in a clean, contemporary design.



## TierDrop™

The low-profile TierDrop features a beautiful, cascading design for a classic look.



## OptiView®

The unique, dazzling lens of OptiView delivers artful views of the sky in a low-profile design.



## QuadraFrost™

QuadraFrost delivers stunning daylight with symmetry and style.  
*Available for the 290 DS Only.*



## AuroraGlo™

Command attention with the smooth, cascading lines and subtle beauty of AuroraGlo. Available in white and bronze.  
*Available for the 290 DS Only.*



## VividShade™

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



## Classic OptiView/ Vusion™ Diffuser

These low-profile diffusers feature a modern, all-plastic design that complements any room.

“The Solatube Daylighting Systems not only improve the learning environment and morale of students and staff, they also save significant funds...and that money goes back into the classroom.

—Richard Cosgrove  
Douglas County School District

# Brighten Up Series Applications



*DPR Construction  
Phoenix, AZ*

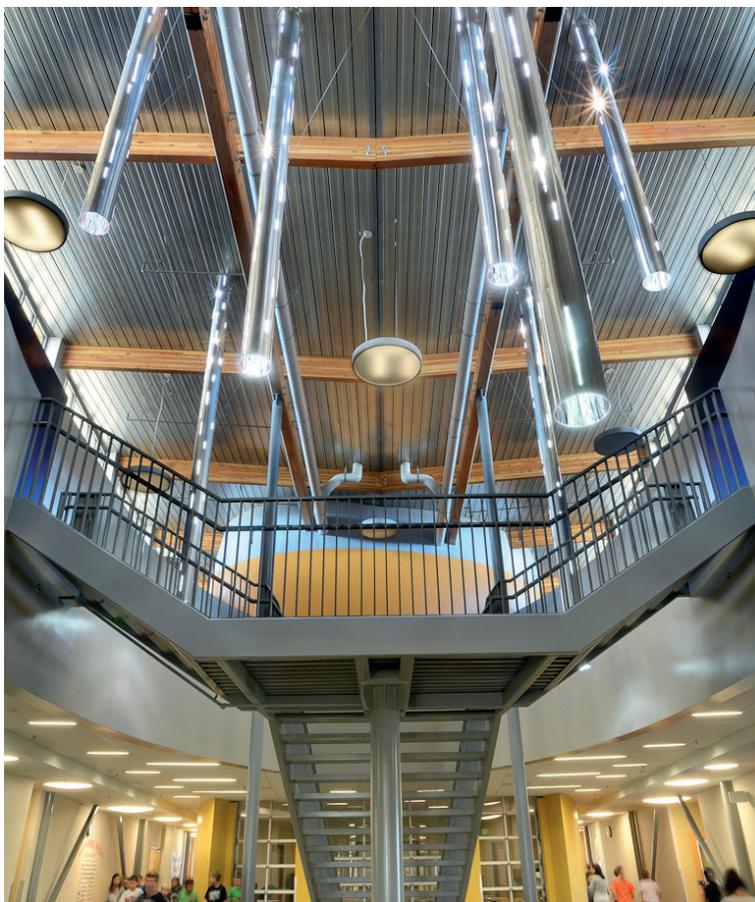


*Residential Bathroom  
San Diego, CA*



*Red Hawk Elementary School  
Erie, CO*

*Solatube International  
Vista, CA*



*Residential Closet  
Columbus, OH*

# Product Options & Accessories



Concrete Tile Flashing



Corrugated Iron Flashing



Terracotta Tile Flashing



Pitched Flashing



Ventilation Add-On Kit  
(160 DS Only)



Roof Ventilation Cap  
(160 DS Only)



Daylight Dimmer



Daylight Dimmer Switch



Light Add-On Kit



Flashing Insulator



Flashing Turret Extensions



Dome Edge Protection Band



Shock Inner Dome



Spectralight Infinity 0-90  
Degree Angle Adapter



Spectralight Infinity  
Extension Tubes



Curb Cap Insulation  
(290 DS Only)

To learn more about our products and services, visit our website.  
You may find our Technical Resources page especially helpful if you are looking for specifications,  
CAD drawings, BIM, installation instructions, cut sheets, approvals or other related information.



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