Easy Reference Guide

Hotline: (888) SOLATUBE
765-2882
Daylighting Systems
Bring natural light to any room

Solatube® Daylighting Systems transform dark rooms into extraordinary spaces filled with pure, natural daylight. Highly effective and simple to install, these models can illuminate any interior using single or multiple units, creating a unique architectural effect.

**Ideal for:**
- Bathrooms
- Hallways
- Kitchens
- Laundry Rooms
- Closets
- Living Rooms
- Dining Rooms
- Home Offices
- Entryways
- Stairwells

**Daylighting Systems Technology**

**Capture**

Raybender® 3000 Technology
A patented daylight-capturing dome lens that:
- Redirects low-angle sunlight for maximum light capture
- Rejects overpowering midday summer sunlight
- Provides consistent daylighting throughout the day

LightTracker™ Reflector
An innovative in-dome reflector that:
- Redirects low-angle winter sunlight for maximum light capture
- Increases light input for greater light output
- Delivers unsurpassed year-round performance

**Transfer**

Spectralight® Infinity Tubing
Tubing made of the world’s most reflective material that:
- Delivers 99.7% * specular reflectivity for maximum sunlight transfer
- Provides the purest color rendition possible so colors are truer, brighter
- Allows for run lengths over 30 feet to deliver sunlight to lower floors

**Deliver**

Stylish Daylight Delivery
Form and function combine for optimal daylight diffusion with:
- Solatube Decorative Fixtures
- Warming and Softening Effect Lenses
- Ventilation, dimmer and nighttime lighting options

* Specular reflectance greater than 99% with wavelength specific reflectance up to 99.7% for the visible spectrum.
Brighten Up®
Series
Let the sun shine in

<table>
<thead>
<tr>
<th>Brighten Up® Series Models</th>
<th>Tube Size (diameter)</th>
<th>EDCS*</th>
<th>Light Coverage Area</th>
<th>Potential Tube Length</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Solatube 160 DS/DSe</strong></td>
<td>≈ 10 in (250 mm)</td>
<td>160 in² (1032 cm²)</td>
<td>150-200 ft.² (14-19 m²)</td>
<td>20 ft.+ (6 m+)</td>
</tr>
<tr>
<td><strong>Solatube 290 DS/DSe</strong></td>
<td>≈ 14 in (350 mm)</td>
<td>290 in² (1871 cm²)</td>
<td>250-300 ft.² (23-28 m²)</td>
<td>30 ft.+ (9 m+)</td>
</tr>
</tbody>
</table>

*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 10 inch tube system has an EDCS of 78.5 square inches.
Decorative Fixtures

Adding form to function

Our daylighting systems don’t just deliver sunlight to interiors. They do it with style. Our Solatube Decorative Fixtures enhance the look of any interior with options that range from practical to elegant to dazzling. It all adds up to maximum output with maximum flexibility.

For even more customization, our specially designed Effect Lenses let you select the specific light color and intensity.

OptiView®
The unique, dazzling lens of OptiView delivers artful views of the sky in a low profile design.
- 160 DS / DSe
- 290 DS / DSe
- Smart LED System

VividShade
The chic VividShade accents daylight with contemporary fabric.
- 290 DS / DSe
- Smart LED System

TierDrop
The low-profile TierDrop features a beautiful, cascading design for a classic look.
- 160 DS / DSe
- 290 DS / DSe
- Smart LED System

QuadraFrost
Delivers stunning daylight with symmetry and style. QuadraFrost can be arranged to complement or contrast the lines of any room.
- 290 DS / DSe
- Smart LED System

AuroraGlo
The elegant AuroraGlo marries a frosted, low-profile bowl with a stepped trim ring. Available in bronze or white.
- 290 DS / DSe
- Smart LED System

JustFrost
Simply stunning, JustFrost showcases daylight in a clean, contemporary design.
- 160 DS / DSe
- 290 DS / DSe
- Smart LED System
Solatube® Accessories

Solutions for any situation

Take daylight to the next level by upgrading your Solatube Daylighting System with our optional accessories. Between dimming the lighting for an afternoon nap, ventilating a bathroom for reduced humidity, or providing electric lights for nighttime use we have a solution for every need.

Universal Light Add-On Kit

The Universal Light Add-On Kit provides the convenience of a switched light for nighttime use. This kit features a medium screw base. Compact Fluorescent Light Add-On Kit is also available.

- 160 DS / DSe
- 290 DS / DSe

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. Our patented variable butterfly baffle controls the light output.

- 160 DS / DSe
- 290 DS / DSe
- Smart LED

Ventilation Add-On Kit

The Solatube 160 DS is available with an optional Ventilation Add-On Kit. When combined with this innovative accessory, the 2-in-1 ceiling fixture minimizes ceiling penetrations for a more attractive look.

- 160 DS / DSe

Ventilation Roof Cap

For use with the Ventilation Add-On Kit (if no vent exists). Comes with gravity damper to prevent back flow.
Optional Add-ons

Optimize your system

Whether it’s insulating your flashing, protecting your dome or extending your tubing, we’ve got you covered. Our add-ons let you create the optimal daylighting system for your home.

Shock Inner Dome

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

Dome Edge Protection Band

Made of galvanized steel, this optional component is used to maintain fire rating.

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./9m.

Flashing Insulator

This insulating material helps to reduce flashing condensation in cold climates when flashing is exposed to humid interior space.
Roof Flashings

Rooftop protection and performance

Select your flashing for fast and easy installations on nearly all roof types for complete protection and leakproof performance. Flashings are available for pitched, flat, tile and metal roofs.

Leakproof Design

Solatube flashings are engineered to work with all roof types—including shingle, slate, tile and metal. The flashing provides complete protection, fabricated for durability and leakproof performance. Plus, their circular design allows rain and debris to bypass the rooftop dome, making them virtually maintenance-free.

Turret Extensions

- Used to raise the height of the dome on a roof to avoid snow, water, or shading from roof obstructions.
- 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.
Smart LED System
LEDs and daylighting unite to create the most energy efficient lighting for your home ever. Designed to light spaces up to 250 sq. ft., the Smart LED System works best in small- to mid-sized spaces like hallways, bathrooms, kitchens and closets. Use them in multiples for a dramatic effect in larger areas.

Occupancy Sensor
If you thought the Solatube Smart LED System couldn’t get any smarter, think again. The optional Occupancy Sensor maximizes energy efficiency by preventing the LEDs from triggering unless an underlit area is occupied.

Solar Star Attic Fans
Comfort starts in your attic

RM 1600
The RM 1600 Attic Fan generates maximum power to battle built-up heat and moisture in your attic. It’s the ideal solar-powered ventilation solution for large attic spaces and extreme climates.

RM 1200
The RM 1200 Attic Fan is designed to keep your attic cool and dry by driving out built-up heat and moisture. It’s the perfect solution for small attic spaces and moderate to mild climates.

IM 1200
The IM 1200 Attic Fan converts your passive vents into an active, solar-powered venting system. Mounted inside your attic, it drives out built-up heat and moisture through your existing vents. Perfect for gable, dormer and powered vents as well as whirlybirds.
Codes and Approvals

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

- A440-08 (AAMA/WDMA/CSA)
- Code Compliance Research Report (CCRR)
- ICC
- Florida Building Code/High Velocity Hurricane Zone
- City of Los Angeles
- Texas Department of Insurance
- Energy Star®/NFRC
- Federal OSHA Fall Protection
- California OSHA Fall Protection

Solatube International, Inc.
2210 Oak Ridge Way, Vista, California 92081

www.solatube.com
Toll Free: (888) SOLATUBE

Part No. 951818   v2.0   ©Copyright 2013