



The 1-Minute Lesson on Solatube Daylighting Systems

What is a Solatube Daylighting System?

Solatube Daylighting Systems are engineered to efficiently capture the sun's rays and pipe them into the home. The result is brighter, more colorful rooms that cost nothing to light with no structural changes. It's the fastest and simplest solution to a more beautiful home. For builders and roofers, offering Solatube Daylighting Systems is a way to increase revenue, add value, and increase customer satisfaction. And every time a homeowner shows friends and neighbors the beautiful natural light in their home, it's a potential referral for more business.

How does a Solatube Daylighting System Work?

Solatube Daylighting Systems use breakthrough optical technologies to pipe pure, natural light indoors.

Raybender® 3000 Technology

Raybender® 3000 Technology redirects low-angle sunlight in the dome for maximum light capture.

Spectralight® Infinity Tubing

Spectralight® Infinity Tubing provides maximum light transfer and the purest color rendition possible.

LightTracker™ Reflector

The LightTracker™ Reflector increases light input in the dome for greater light output.

Stylish daylight delivery

Form and function combine for optimal daylight diffusion with optional add-ons.



What are the specs?

Solatube Model	Tube Diameter	EDCS*	Light Coverage Area	Potential Tube Length
Solatube 160 DS	~10"	160 in ² (1032 cm ²)	150 - 200 ft ²	20 ft+ (6 m+)
Solatube 290 DS	~14"	290 in ² (1871 cm ²)	250 - 300 ft ²	30 ft+ (9 m+)
Solatube Smart LED	~10"	160 in ² (1032 cm ²)	150 - 200 ft ²	20 ft+ (6 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" tube system has an EDCS of 78.5 square inches.

When would you recommend Solatube Extension Tubes?

If a tube run will exceed 43" then additional extension tubes are required. The extension tubes come in 3 different ways:

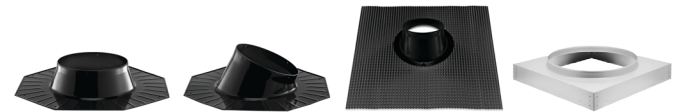
- 24" Extension
- 16" Extension
- 0-90 Degree Elbow Extension

Extension tubes are available in both 10" and 14" sizes.



What about flashings?

Solatube flashings are ingenious little devils. Engineered to work with all roof types—including shingle, slate, tile and metal—their seamless, one-piece steel construction eliminates the possibility of leaks. Plus, their circular design allows rain and debris to bypass the rooftop dome, making them virtually maintenance-free. Flashings come in pitched, no pitch, universal tile and curb mounted cap.



What other accessories are available?

Solatube Daylighting Systems come with options for everything from vent fans to humidity control including:

- Light Add-on Kit: Turn on the lights at night.
- Daylight Dimmer: If 100% daylight is too bright, dim it! Great for offices and media rooms.
- Ventilation Add-on Kit for the 160DS: Controls humidity in the bathroom.



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