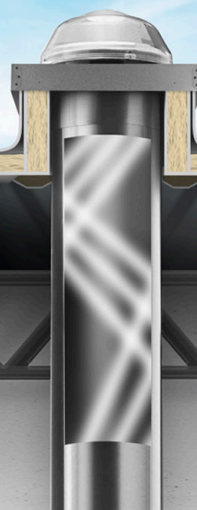
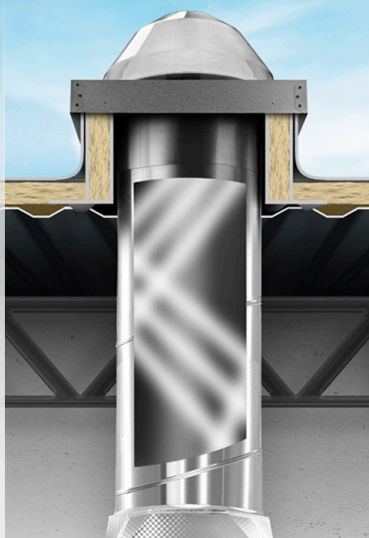
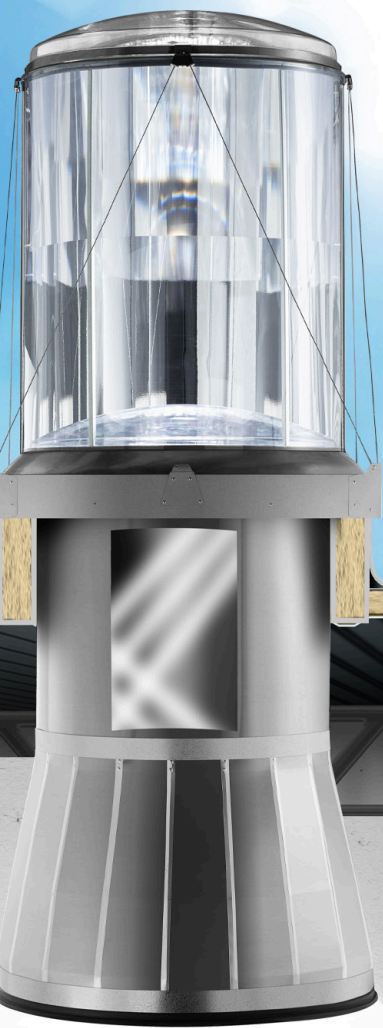


Product Guide

Tubular Daylighting Technologies
for Commercial Spaces



SOLATUBE
COMMERCIAL

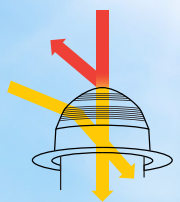
Discover the technology that changed daylighting.

Capture

Raybender® Technology

A patented daylight-capturing dome lens that:

- Redirects low-angle sunlight
- Rejects overpowering summer sunlight
- Provides consistent daylighting through the year



LightTracker™ Reflector

An innovative in-dome reflector that:

- Redirects low-angle winter sunlight
- Increases light input for greater light output
- Delivers unsurpassed year-round performance

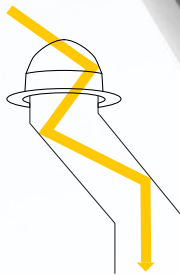


Transfer

Spectralight® Infinity

Tubing made of the world's most reflective material that:

- Offers the highest Specular Reflectivity up to 99.7%
- Provides the purest color rendition possible so colors are truer and brighter
- Long tube runs possible, including multistory and 90 degree turns with minimal light loss

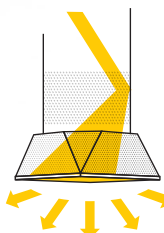


Deliver

Optical Lenses

New DaylightShaping™ Lens Technology

- Ability to direct light distribution for different visual effects
- Provide superior visual comfort



Daylight Dimmer

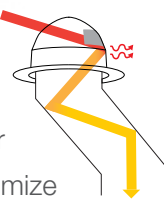
Adjusts daylight levels at the touch of a button



Thermal Control

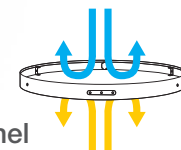
INFRAREDUCTION™ Technology

A technology integrated into Spectralight® Infinity tubing that uses a proprietary process to filter out infrared wavelengths and minimize solar heat gain.



Thermal Insulation Panel

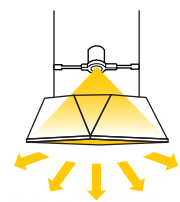
Provides unmatched thermal performance. Two climate controlled discs and a thermal break prevent conductive and convective heat transfer.



Integration

Integrated LED Light Kit

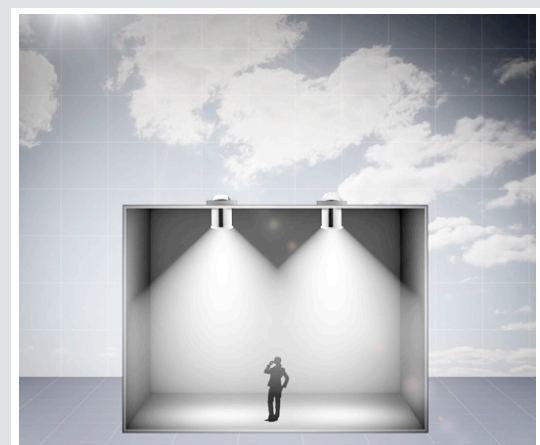
Allows integration of traditional light for a cleaner ceiling appearance and nighttime illumination from a single fixture.



The Right Products For Any Size Space



SkyVault® Series p 4-7
Large Tubes for Large Spaces



SolaMaster® Series p 8-11
Medium Spaces, Maximum Versatility



Brighten Up® Series p 12-15
Big Impact for Small Areas

SkyVault Series

Large Tubes for Large Spaces

The SkyVault Series is a line of modular, high output tubular daylighting devices that deliver massive amounts of daylight to large volume spaces with high, open ceilings.

The beauty of SkyVault is that it's not just one size fits all. Varying combinations of domes and collectors capture daylight and large extension tubes transfer it to an optical diffuser. Daylight can be delivered deeper into the building with the use of an optional Amplifier. The SkyVault Series is a configurable, modular, high-output solution for any large-volume space.

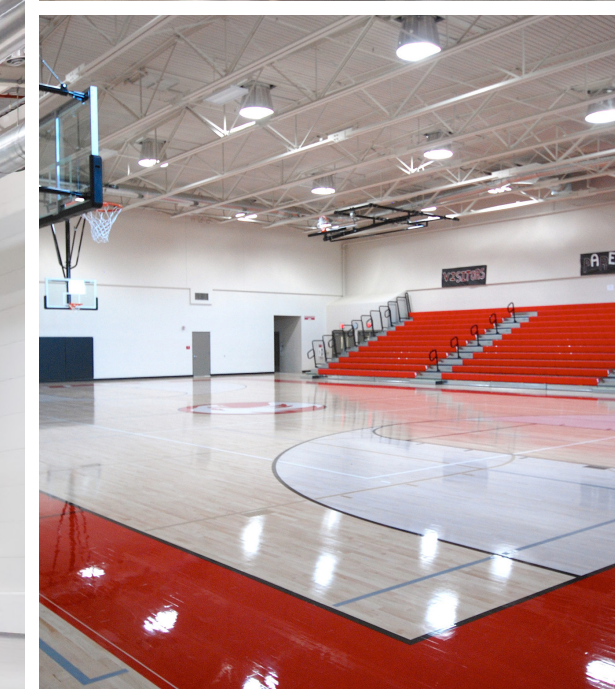
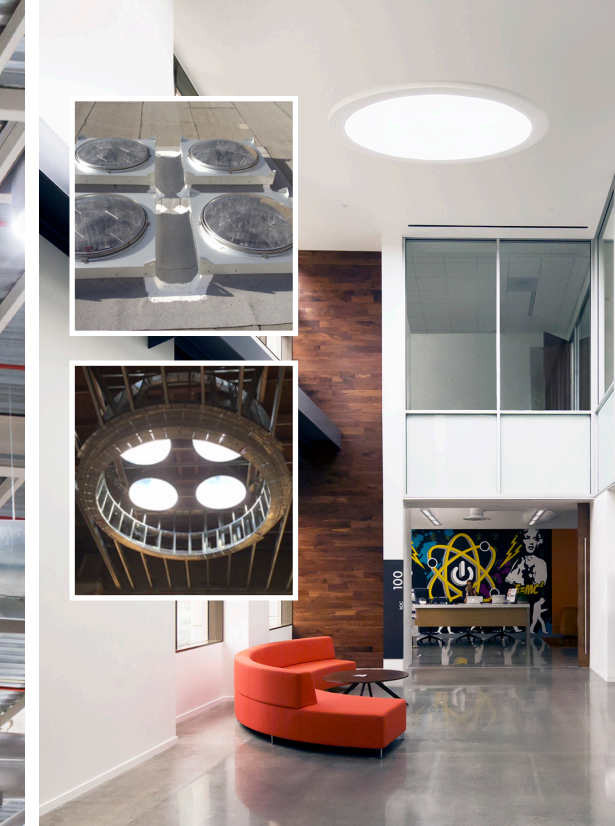
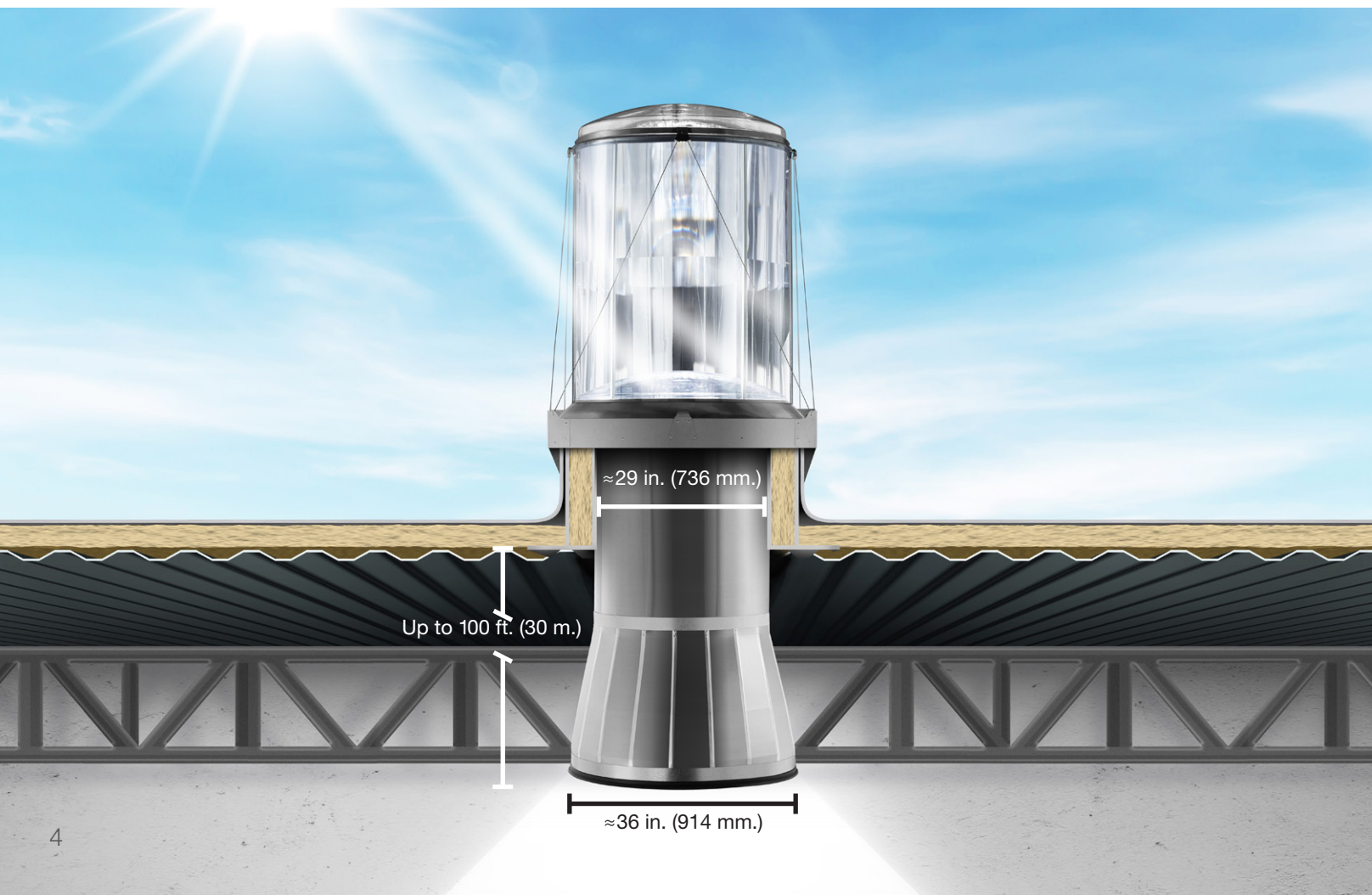
INDUSTRIAL

SPORTS ARENAS

AIRPORTS

CONVENTION CENTERS

BIG BOX RETAIL



SkyVault Series

Step
1

Start with the Core

Our largest tubular daylighting device, the SkyVault Series has the M74 DS at its core with 29" diameter tubes that extend up to 100 feet to fill the largest spaces with natural light.

Tube diameter ≈29 in. (736 mm)
Potential tube length ≈100 ft. (30 m)



Step
2

Top Assemblies: Massive Sunlight Capture

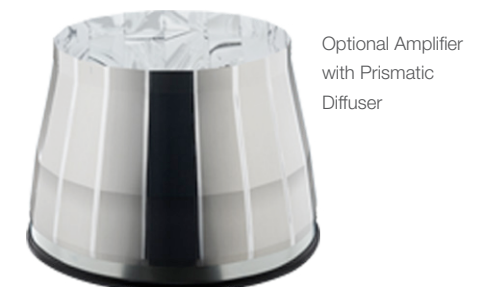
It all starts with standard domes that are available in both single- and dual-glazed configurations with optional security guards. The light capture really increases with the SkyVault Collector that redirects low-angle light downward while filtering out the heat from infrared wavelengths. All top assemblies are supplied pre-assembled on a curb-mounted cap.



Step
3

Bottom Assemblies: Deep Delivery

The M74 DS uses unique bottom assembly components to deliver maximum daylight in high-bay applications with the prismatic diffuser and the optional Amplifier, which focuses daylight all the way down to the task area.



Step
4

All the Accessories for Big Impact

The SkyVault Series offers a Thermal Insulation Panel to minimize the thermal impact to the building, as well as a 0-10v Daylight Dimmer to control the levels of daylight in the space.



SolaMaster Series

Medium Spaces, Maximum Versatility

The Solamaster Series is our flagship product for common commercial applications with ceiling heights from 8 ft. to 30 ft. This product has been used to daylight thousands of applications worldwide ranging from schools to offices to grocery stores.

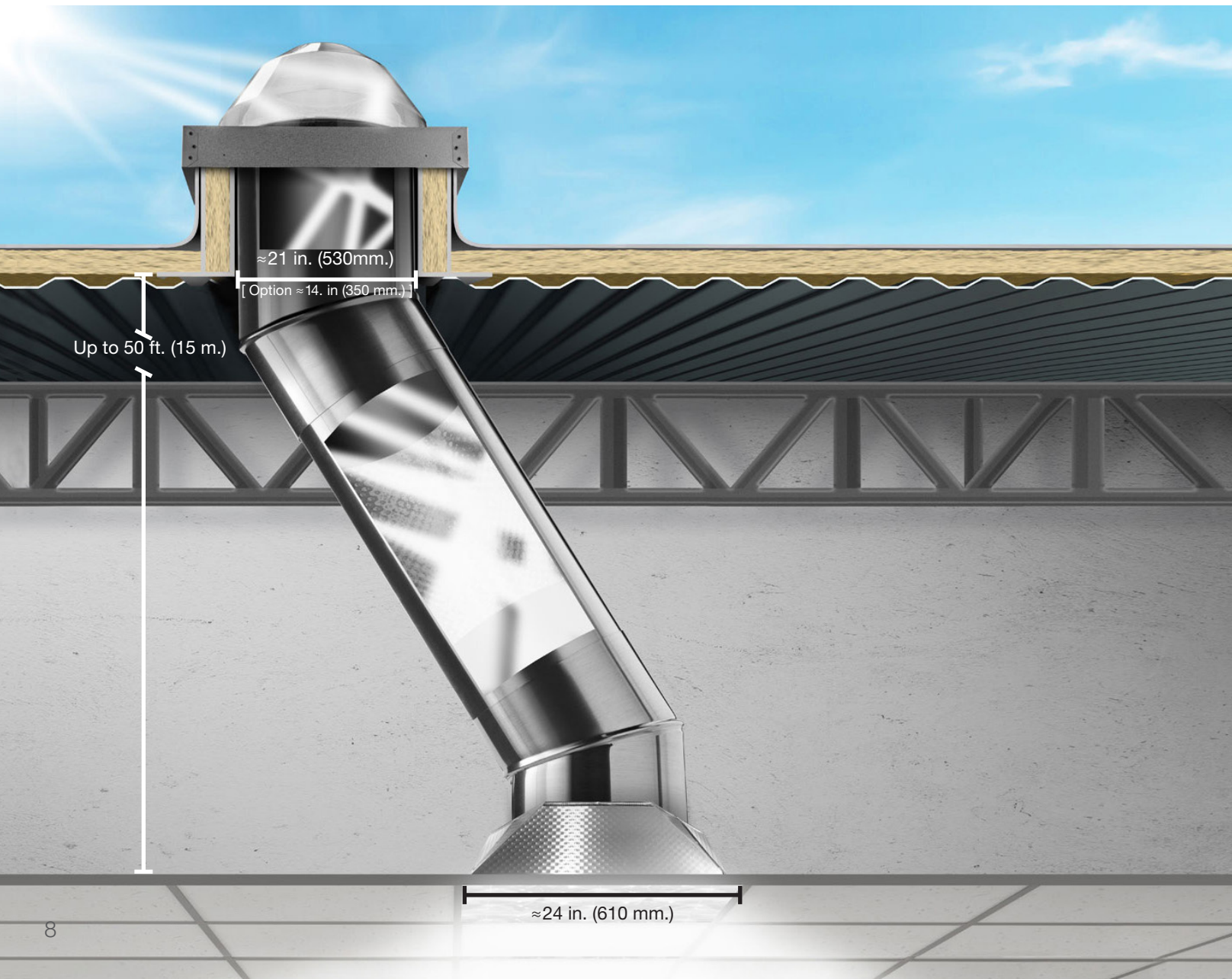
CLASSROOMS

OFFICE SPACE

RETAIL

MEDICAL

HOSPITALITY



SolaMaster Series

Step
1

Choose from 3 Models

With three different domes, varying extension tubing configurations and both open and closed ceiling options, SolaMaster products provide the versatility for numerous applications and sunlight conditions.



SolaMaster 750 DS

is designed to deliver consistent light output throughout the day. It effectively captures low-angle rays in the morning and late afternoon, but rejects midday summer rays to prevent glare, overlighting and overheating. Perfect for office and classroom spaces where a consistent level of light is required. Designed for either open or closed ceiling applications.

- Tube diameter ≈21 in. (530 mm)
- Potential tube length ≈50 ft. (15 m)

(750 DS-C model shown)



SolaMaster 330 DS

is designed to maximize light output at any time of day. It effectively captures low-angle rays in the morning and late afternoon, and maximizes midday sunlight for powerful performance. It is ideal for lighting spaces with open ceilings where variances in light levels don't create an issue for occupants. Optional model also available for suspended/hard ceiling applications.

- Tube diameter ≈21 in. (530 mm)
- Potential tube length ≈50 ft. (15 m)

(330 DS-O model shown)



SolaMaster 300 DS

is an optimal solution for applications with structural limitations at the roof level, for navigating obstructions in the plenum, or for lower ceiling heights. Designed for suspended ceiling systems.

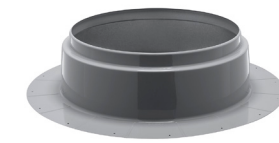
- Tube diameter ≈14 in. (350 mm)
- Potential tube length ≈30 ft. (9 m)

Step
2

Curbs and Flashings: Mounting for Any Roof

Whatever your roof, whatever your application, Solatube has the component to meet all your needs for a weatherproof installation.

Visit
solatube.com/commercial
for more solutions.



Self Mounted Flashing



Curb Mounted Cap



Optional curbs now available

Step
3

Diffuser Options to Match Your Design

Diffuser options enhance the look of your interior while delivering highly diffuse, evenly-spread natural light. OptiView® Shaping Diffusers achieve differing light distribution for specific visual effects.

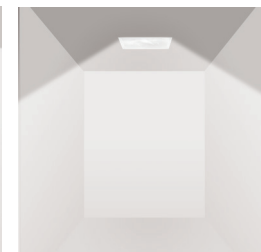
OptiView® Superwide provides increased high-angle illumination and extraordinary wall washing.

OptiView® Wide provides even, horizontal ambient illumination for our most common applications.

OptiView® Narrow allows highlighting of objects.



OptiView® Superwide



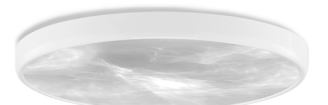
OptiView® Wide



OptiView® Narrow



OptiView® Shaping Diffusers



Prismatic Diffusers also available.

Step
4

Accessories for Total Daylighting Control

The SolaMaster Series offers a thermal insulation panel to minimize the thermal impact to the building, as well as a 0-10v daylight dimmer to control the levels of daylight in the space. And now, with our new dimmable LED featuring up to 10,000 lumens, you can keep your ceiling uncluttered while achieving your desired level of illumination, day or night.



Integrated LED Light Kit
Available in 3,250 lumens for
300 DS and 10,000 lumens for
the 330 DS / 750 DS



Thermal Insulation Panel



Daylight Dimmer

Brighten Up Series

Big Impact for Small Spaces

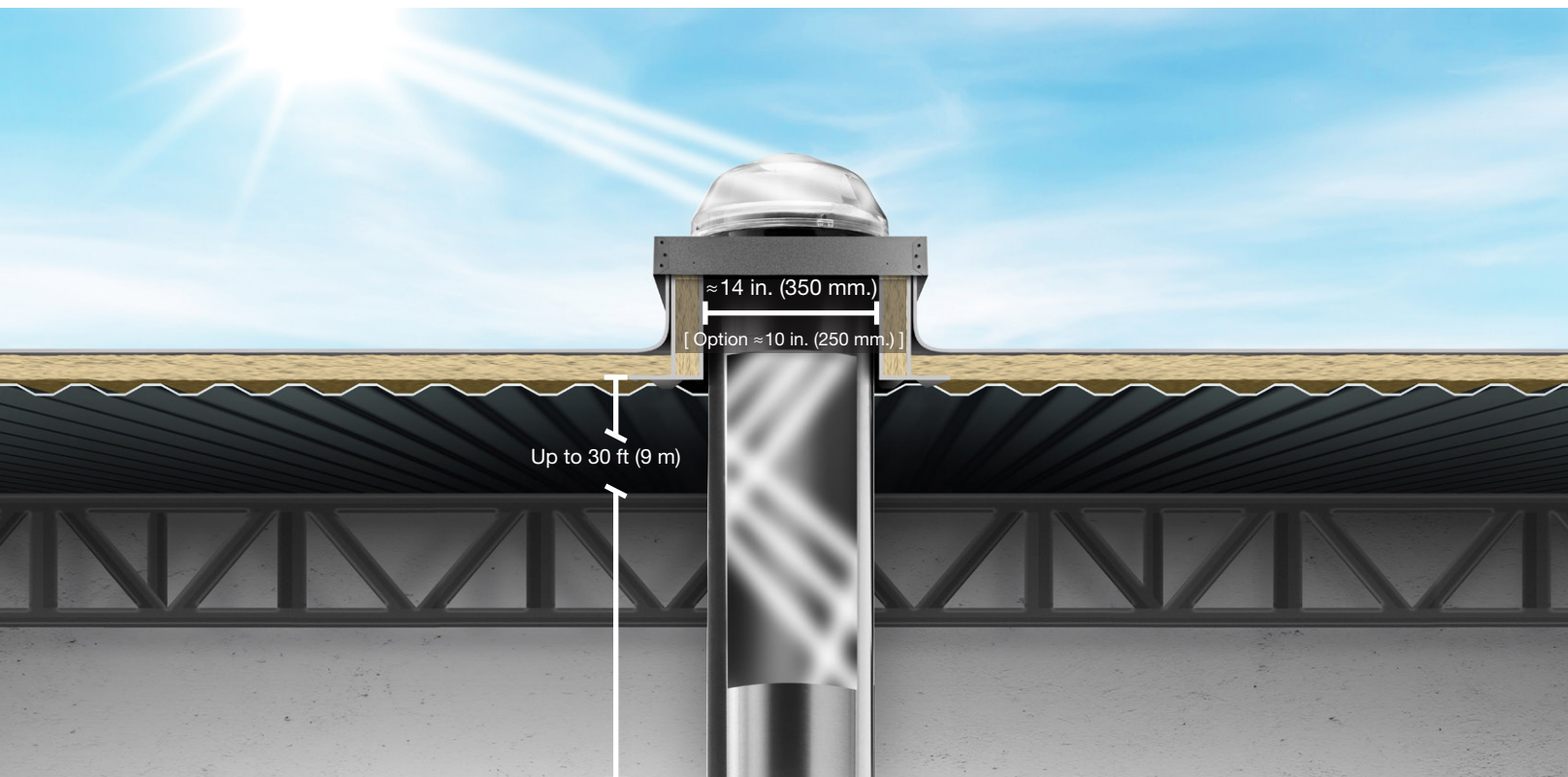
Residential and smaller commercial spaces with corridors, restrooms and alcoves often suffer from lack of natural light. Solatube's Brighten Up Series is the perfect solution for bringing daylight to unexpected, hard-to-reach areas.

CORRIDORS

HALLWAYS

RESTROOMS

RESIDENTIAL



[option ≈10 in. (250mm)]



Brighten Up Series

Step
1

Bringing New Light to Dark Spaces.

The Brighten Up Series offers two different tubular daylighting devices, 160 DS and 290 DS, both of which are great solutions for small areas with ceiling heights under 10 ft. or where structural issues or aesthetic goals may limit the use of larger diameter tubes. And each can be utilized with hard, suspended or open ceilings.



290 Daylighting System

The Solatube 290 DS is ideal for filling small spaces with natural light like bathrooms, corridors, and coffee nooks.

- Tube diameter ≈14 in. (350 mm)
- Potential tube length ≈30 ft. (9 m)



160 Daylighting System

The Solatube 160 DS is ideal for illuminating smaller spaces like alcoves and hallways with soft, comfortable natural light.

- Tube diameter ≈10 in. (250 mm)
- Potential tube length ≈20 ft. (6 m)

Step
2

Mounting for Any Roof

The Brighten Up Series has leak-proof flashings to mount its domes on any roof type as well as curb caps and self-flashings for both pitched and non-pitched roofs.



Pitched

Flat

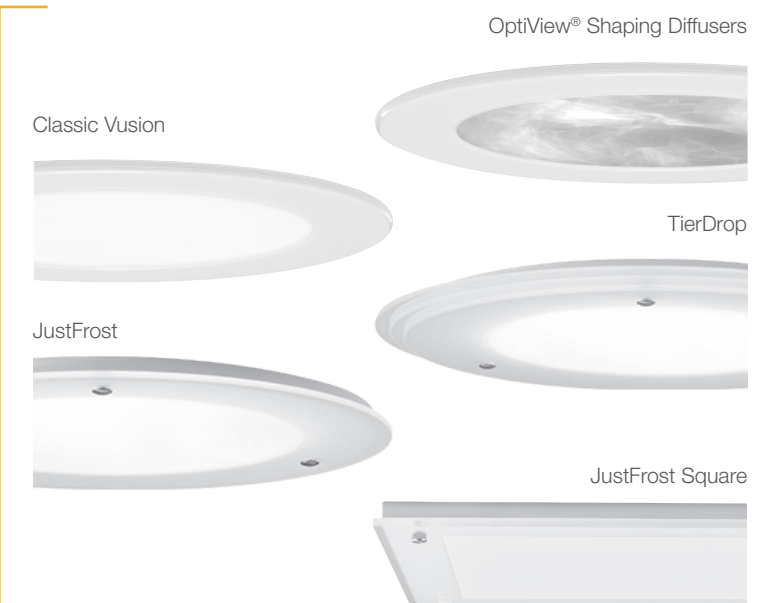


Curb Cap

Step
3

Diffusers for Beautiful Delivery

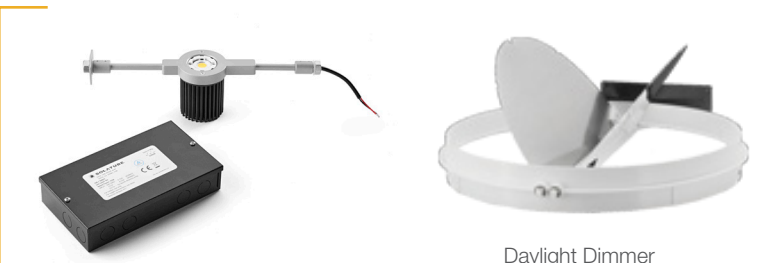
The Brighten Up Series offers a variety of diffuser options, which can be used with hard, suspended or open ceilings for different aesthetics.



Step
4

Add-Ons & Accessories

From daylight dimming to integrated electric lights, you get the options you need to completely control your daylighting environment.



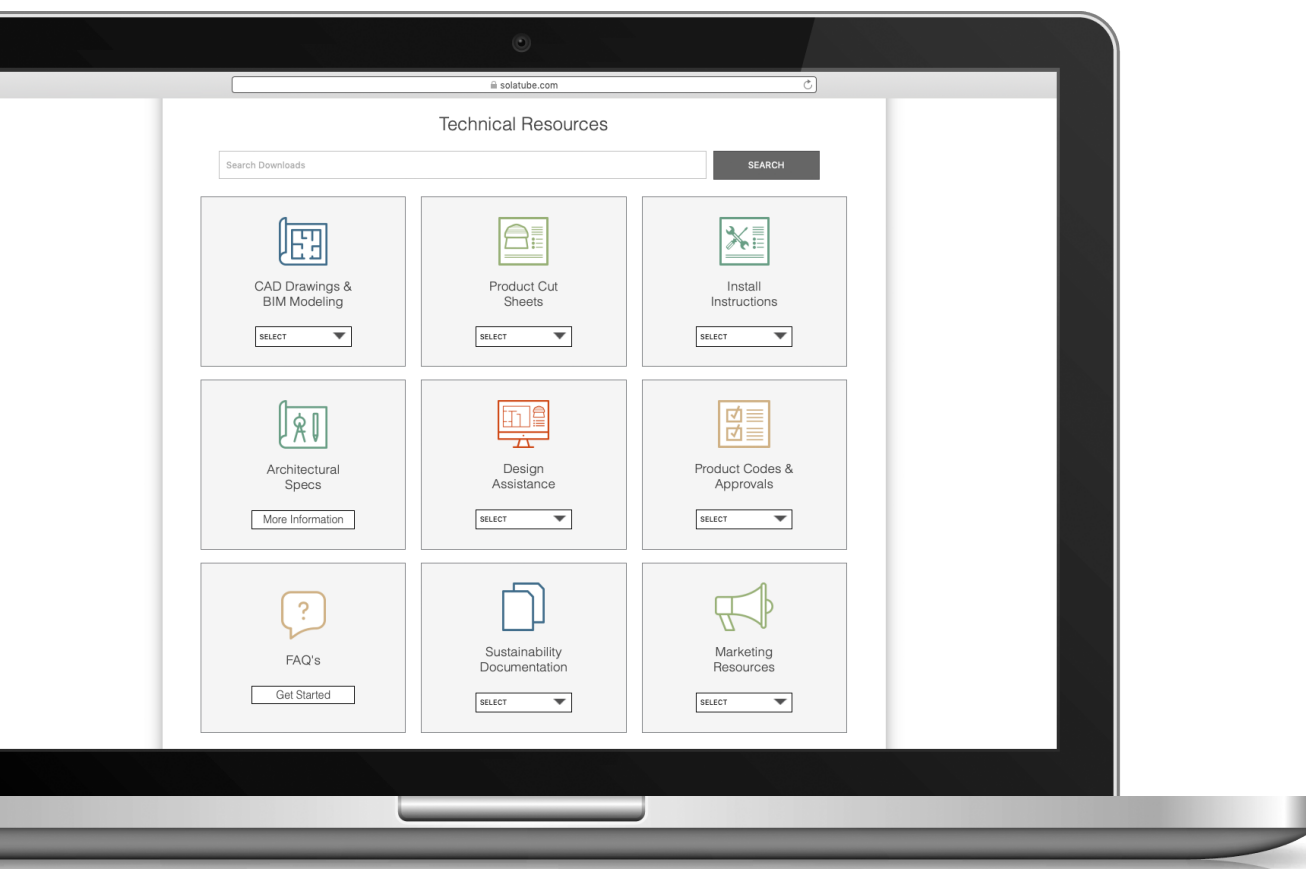
Integrated LED Light Kit
3,250 raw lumens only available
for 290 DS model

Daylight Dimmer

Technical Resources for You

Solatube provides all the Technical Resources needed to select, configure, install and promote the optimal Solatube product solution. This includes Architectural Specs, CAD drawings, cut sheets, sustainability information and more. Just search by technical categories or product categories to quickly find the resources you're looking for.

Go to **solatube.com/Technical-Resources** for more details



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