

SERIES SI5000

FIXED SKYLIGHTS

PRODUCT DATA SHEET



A skylight in every shape and size.

Solar Innovations® offers fixed skylights in virtually any size and can accommodate a wide range of configurations, including single slope, pyramids, segmented radius domes, barrel vault, hip end, glass roofs, roof lanterns, and more. These skylight systems can attach to virtually any substrate and are suited for both residential and commercial applications. Skylights have several unique delivery options including Pre-Assembled Pre-Glazed, Pre-Assembled Not Pre-Glazed, and Knocked Down.

FEATURES

PANELS:

- Custom configurations available
- Aluminum or wood rafters & purlins
- 2- or 3-tiered drainage system with concealed interior condensation gutters
- LEED friendly system including recycled content
- Designed and manufactured in the U.S.A.

PERFORMANCE:

- Thermally enhanced utilizing thermal fill & debridge

GLAZING:

- Designed to accommodate almost any monolithic, insulated, laminated, decorative, polycarbonate, or solid panel infill

OPTIONS

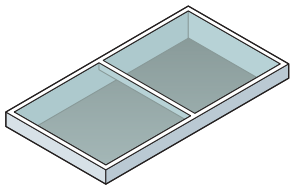
FINISHES:

- Standard finishes
 - AAMA 2603: Bronze, White
 - AAMA 611 Class I Anodized: Clear, Dark Bronze
- Designer finishes
 - AAMA 2603: Hartford Green, Black Natural Clay, Sandstone
- Custom finishes
 - Powder coat finish: AAMA 2604 - 2605
 - Fluoropolymer (50% or 70%): AAMA 2604 - 2605
 - Wood veneer, metal cladding, & foiling options
 - Dual color or dual finish options

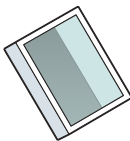
* Note: Walkable Skylights may not be available with all features listed

CONFIGURATIONS

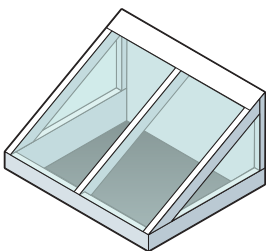
Additional configurations available.



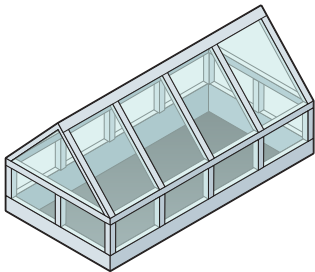
Flat



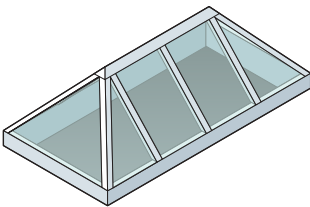
Single Slope



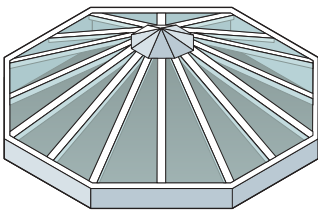
Straight Eave Lean-To



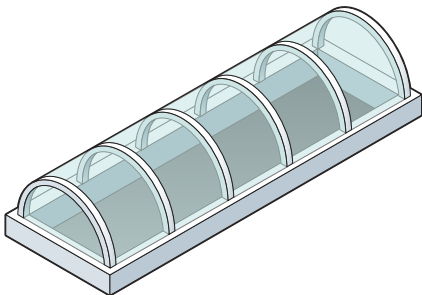
Straight Eave Double Pitch
with Transom



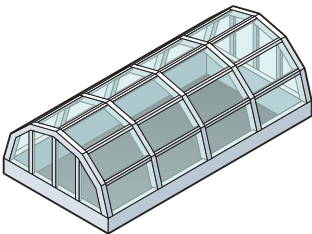
Straight Eave Double Pitch
with Hip End



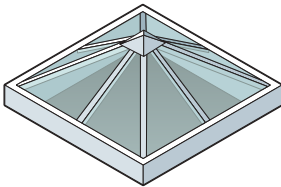
Polygonal



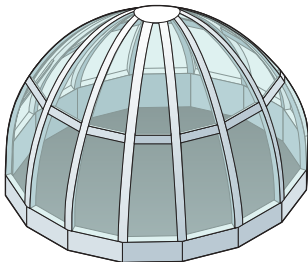
Barrel Vault



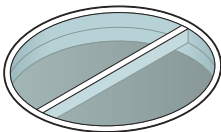
Segmented Radius
Barrel Vault



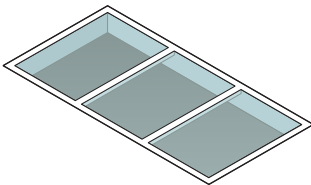
Pyramid



Dome

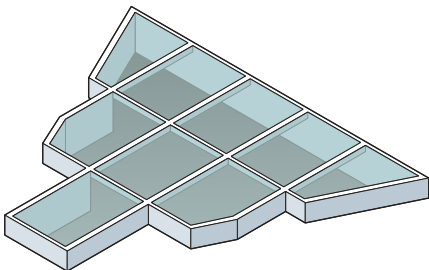
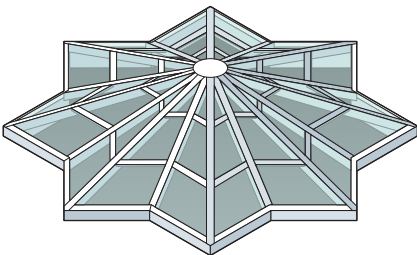
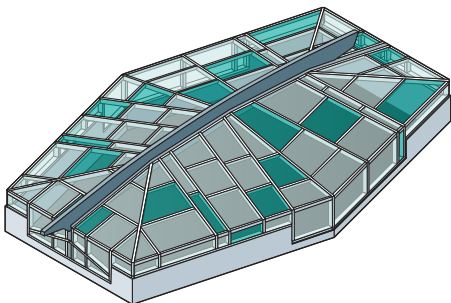


Round Walkable



Rectangular Walkable


CUSTOM DESIGNS







FINISH OPTIONS

Paint AAMA 2603 (5 year warranty). Finishes available while in stock.

					
SI Black	SI White	SI Sandstone	SI Natural Clay	SI Bronze	SI Hartford Green

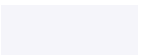









Anodized Additional cost

	
Class I Clear Anodized	Dark Bronze Anodized

Powder Coat Solids STANDARD - AAMA 2605 (10 year; up to 20 year warranty). Scratch & fade resistant; contains no VOCs.*

					
Black FRSL 11618	White FRSL 83247	Sandstone FRSL 46647	Natural Clay FRSL 47591	Bronze FRML 97138	Hartford Green FRSL 32872

Powder Coat Solids PREMIUM - AAMA 2605 (10 year; up to 20 year warranty). Scratch & fade resistant; contains no VOCs.*

									
Apollo White FRSL 82908	Bone White FRSL 82909	Ivory FRSL 46646	Seawolf FRSL 46645	Fashion Gray FRSL 74652	Colonial Gray FRSL 74653	Charcoal FRSL 74654	Antique Bronze FRSL 46648	Burgundy FRSL 62496	Military Light Blue FRSL 21709

Visit <https://www.ifsc coatings.com/content/assets/Uploads/brochures/IFS-Architectural-Digital-Color-Card.pdf> for additional metallic and anodic finishes.






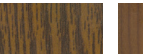




Metal Clad STANDARD*

	
Copper	#4 Polished Stainless Steel

Metal Clad PREMIUM*

				
Rheinzink Bright Rolled	Rheinzink Blue Gray	Rheinzink Graphite Gray	Brass	Bronze

Decoral Finishes (Powder Coat)*

									
Knotty Pine 2103 DS 716 Textured DS 402 Smooth	Douglas Fir 1501 DS 716 Textured DS 402 Smooth	Acacia 1001 DS 716 Textured DS 402 Smooth	Cherry 1402 DS 716 Textured DS 402 Smooth	Acacia 1001 DS 733 Textured DS 403 Smooth	Oak Assi 2501 DS 733 Textured DS 403 Smooth	Cherry 1402 DS 733 Textured DS 403 Smooth	Dark Walnut 1802 DS 733 Textured DS 403 Smooth	Teak 2601 DS 706 Textured Mahogany Finish	National Walnut 1806 DS 706 Textured Mahogany Finish

Wood/Glulam STANDARD*

			
Red Oak	White Ash	Hard Maple	White Oak

Wood/Glulam PREMIUM*

			
Douglas Fir	Cherry	Sapele Mahogany	Walnut

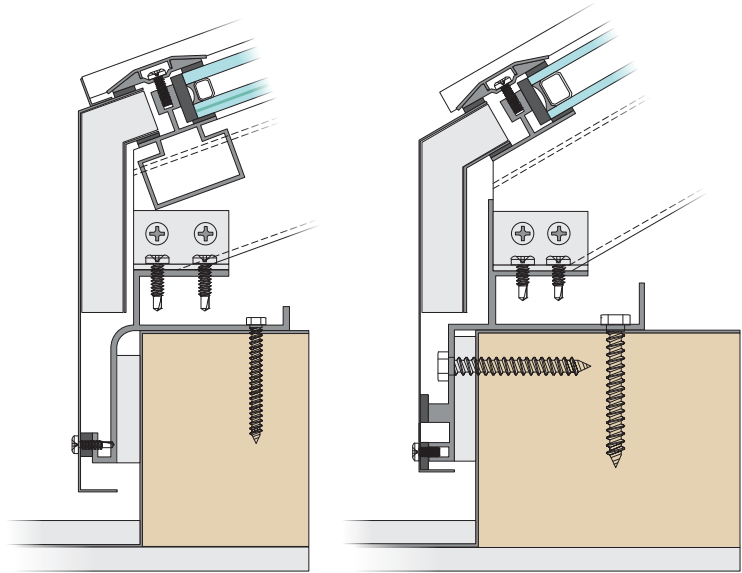
*Lead times subject to availability.

Note: Depending upon color selection, additional charges and increased lead times may apply. Extended warranties and service plans are available for an additional charge. Examples are shown as accurate as photography and printing processes allow. Final finish selection should be made from a physical sample; contact Solar Innovations® for samples. Product and finish options are subject to vendor availability. Solar Innovations® reserves the right to discontinue any option at any time without notice. Additional options, including custom color match, are available; contact Solar Innovations® for details.

CURB MOUNT SKYLIGHTS



SILL OPTIONS



G2 Welded Curb

G3 Welded Curb

PRODUCT OVERVIEW

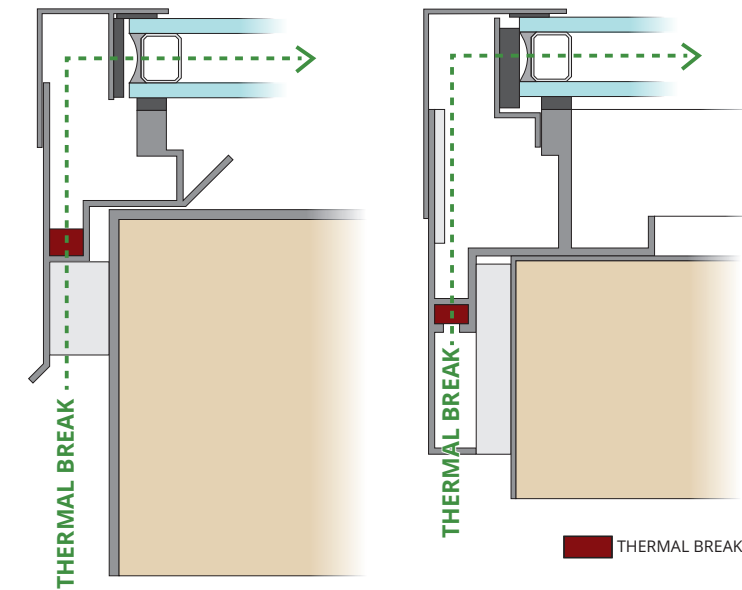
Curb mount skylights are uniquely designed to eliminate water penetration, by attaching through the side of the curb rather than the top, as is typical of many other industry skylights. This design minimizes the chances of long term water penetration through the sill pan.

Air & Structure Impact Testing					
Test Number	Panel Size	Florida Certified	Design Pressure	Air at 6.24psf	Water
11259.4 (FL) 110-11306-2 (NCTL)	45" x 61"	Yes	± 65psf	0.01 cfm/ft²	12psf
11259.3 (FL) 110-15873-1 (NCTL)	72" x 72"	Yes	± 80psf	0.01 cfm/ft²	Up to 30psf
11259.1 (FL) 110-15867-2 (NCTL)	147" x 99"	Yes	± 65psf	0.24 cfm/ft²	Up to 30psf

Please Note:
Testing and performance results may vary depending upon sill, size, and hardware selections. Please be sure to visit our website at solarinnovations.com or contact your Solar Innovations® representative for additional product information.

Additional testing (non-impact) available upon request.

FLAT WELDED CURB DETAILS



G2 Welded Curb

G3 Welded Curb

PANELS

- Flat Welded Curb Skylights available in fixed modules up to 6' x 12' or 3-bay maximum; larger sizes available with engineering approval

GLAZING

- Designed to accommodate almost any monolithic, insulated, laminated, decorative, polycarbonate, or solid panel infill from 3/16" to 1 1/2"

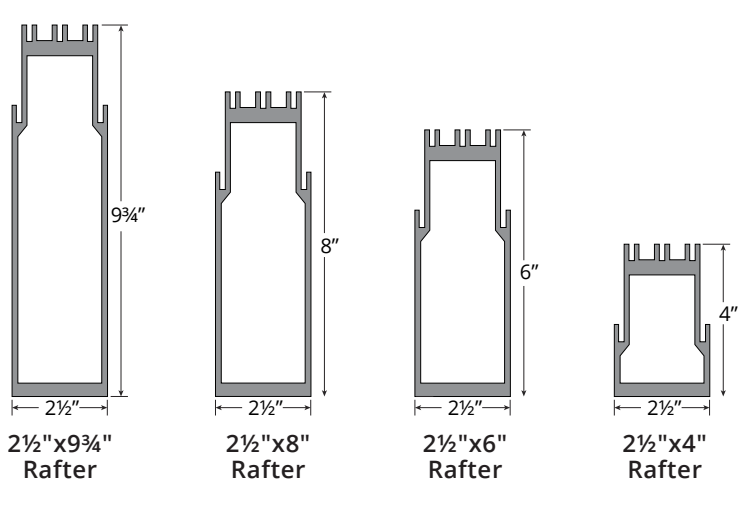
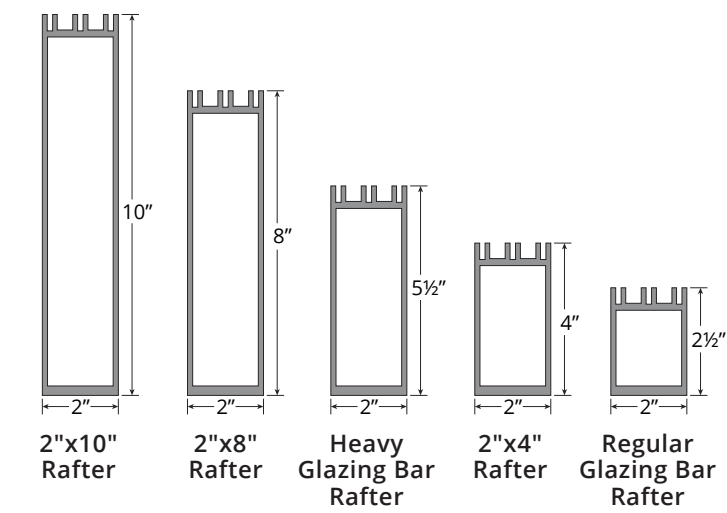
PERFORMANCE

- Water performance up to 30psf, depending on system
- Structural tested up to a design pressure of 80psf
- Higher water and structural performance available with engineering approval



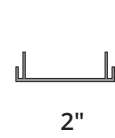
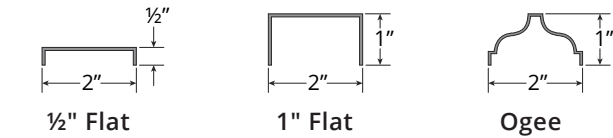
2" SYSTEM RAFTERS

2½" SYSTEM RAFTERS

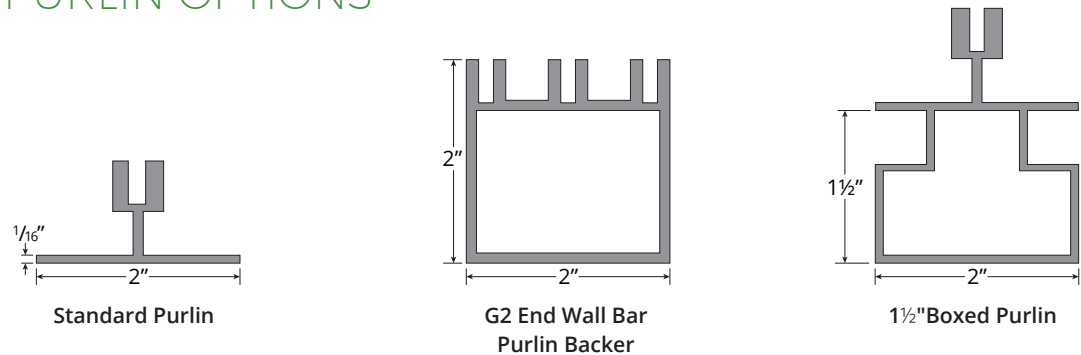


DECORATIVE CAPS

CONDENSATION GUTTER



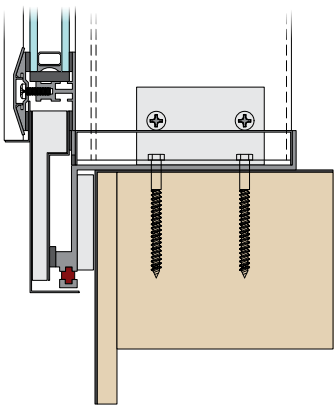
PURLIN OPTIONS



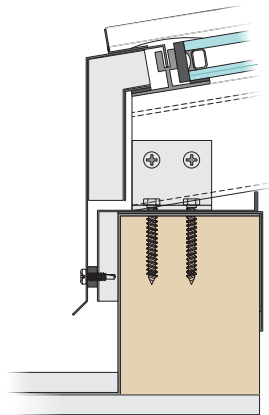
CUSTOM SKYLIGHTS



SILL OPTIONS



G4 Welded Curb



Pan Flashing Sill

PRODUCT OVERVIEW

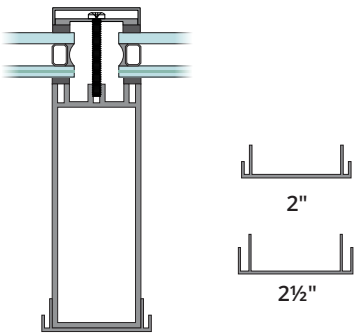
No job is too big or too complex for Solar Innovations® to deliver better than expected results. Our team of designers and engineers will work with you to customize your skylight to exacting specifications. Your skylight will not only be the focal point of your project, but also exhibit among the highest performance ratings in the industry.

Air & Structure Impact Testing					
Test Number	Panel Size	Florida Certified	Design Pressure	Air at 6.24psf	Water
11259.4 (FL) 110-11306-2 (NCTL)	45" x 61"	Yes	± 65psf	0.01 cfm/ft²	12psf
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CONDENSATION GUTTER OPTIONS



2" Condensation Gutter Attached to Heavy Glazing Bar

PANELS

- Pre-Assembled and Pre-Glazed up to
 - 8' x 8' Pyramid
 - 8' x 12' Hip Ends

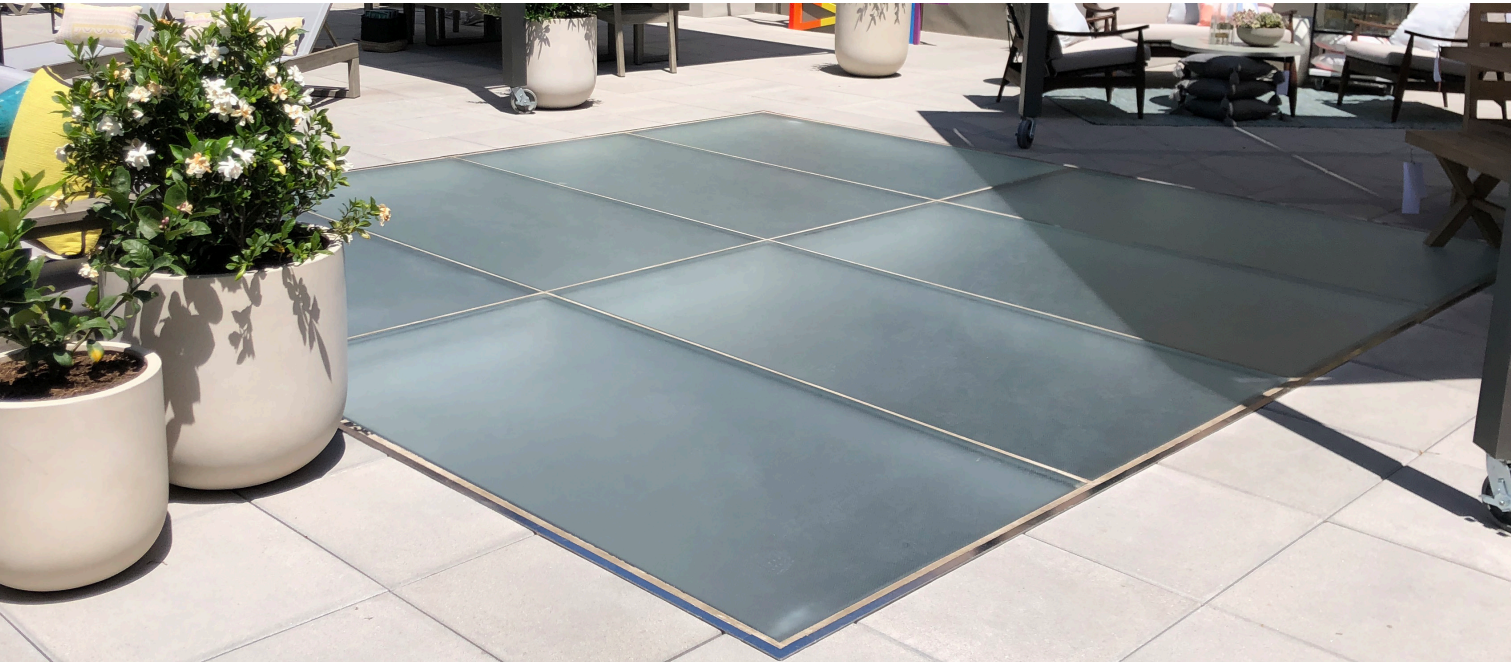
GLAZING

- Designed to accommodate almost any monolithic, insulated, laminated, decorative, polycarbonate, or solid panel infill from 3/16" to 1 1/2"

PERFORMANCE


- Water performance up to 30psf, depending on system
- Structural tested up to a design pressure of 80psf
- Higher water and structural performance available with engineering approval

WALKABLE SKYLIGHTS



PRODUCT OVERVIEW

Walkable skylights provide the same natural daylighting solutions as traditional skylights while serving double duty as a walkable surface. While walkable skylights can be used for exterior applications, a covered area is recommended; walkable skylights may be placed on the floor below an existing skylight to bring daylight deeper into a building. Light can travel between multiple floors or into dark basements without surrendering the ability to freely travel. Slip resistant glazing is included on all walkable skylights.

 **Learn More**
To find out more about the features and options of our **Fixed Skylights**, visit our website at solarinnovations.com/fixed-skylights



DETAILS

