

FIXED SKYLIGHTS

SERIES SI5006



 **SOLAR INNOVATIONS®**
SKYLIGHTS

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 without size or design limitations. 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

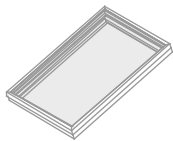
FINISHES:

- 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

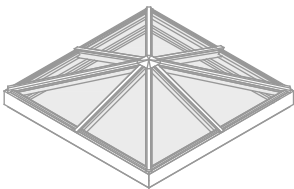
* Note: Walkable Skylights may not be available with all features listed

CONFIGURATIONS

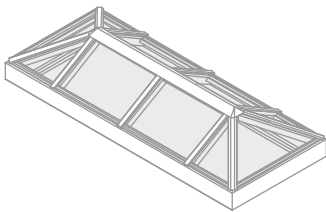
Additional configurations are available.



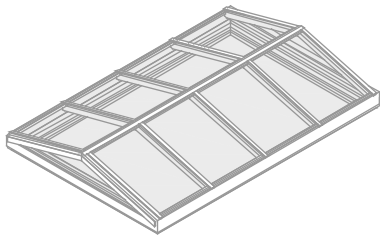
Flat Welded Curb



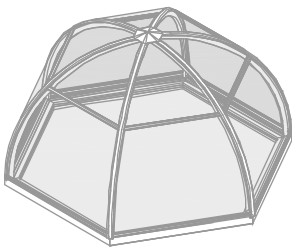
Pyramid



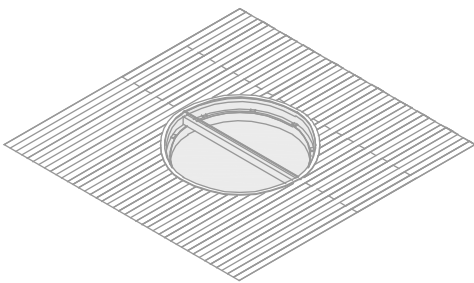
Hip End



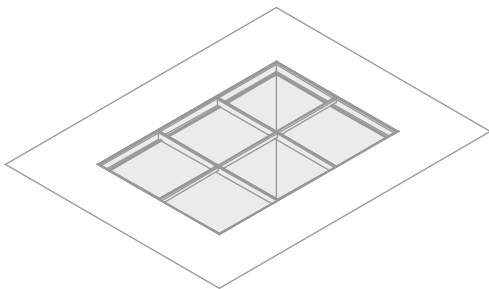
Double Pitch w/Gable Ends



Dome



Walkable



Walkable

FINISH OPTIONS

Stock Finishes



SI White



SI Bronze



Class I Clear Anodized



Dark Bronze Anodized

Designer Finishes



SI Black



SI Sandstone



SI Natural Clay



SI Hartford Green

Metal Cladding



Copper



Lead Coated Copper




304 Stainless Steel #4 Satin Cladding




304 Stainless Steel #8 Mirror Cladding


Faux Wood Finishes



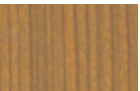
Acacia 1001
DS 716 Textured
DS 402 Smooth




Acacia 1001
DS 733 Textured
DS 403 Smooth



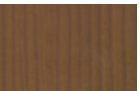
Douglas Fir 1501
DS 716 Textured
DS 402 Smooth




Cherry 1402
DS 716 Textured
DS 402 Smooth




Knotty Pine 2103
DS 716 Textured
DS 402 Smooth



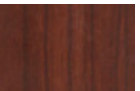
Cherry 1402
DS 733 Textured
DS 403 Smooth




Oak Assi 2501
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 Veneering (Unfinished)




White Oak




Birch




Mahogany




Southern Yellow Pine




Northern White Pine




Red Oak




Spanish Cedar



Western Red Cedar



Douglas Fir



White Maple

Please Note: Depending upon color selection, additional charges and increased lead times may apply. Color illustrations are shown as accurate as standard photography and printing processes allow. Final finish selection should be made from a physical sample; please contact Solar Innovations® to receive samples. All 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



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.

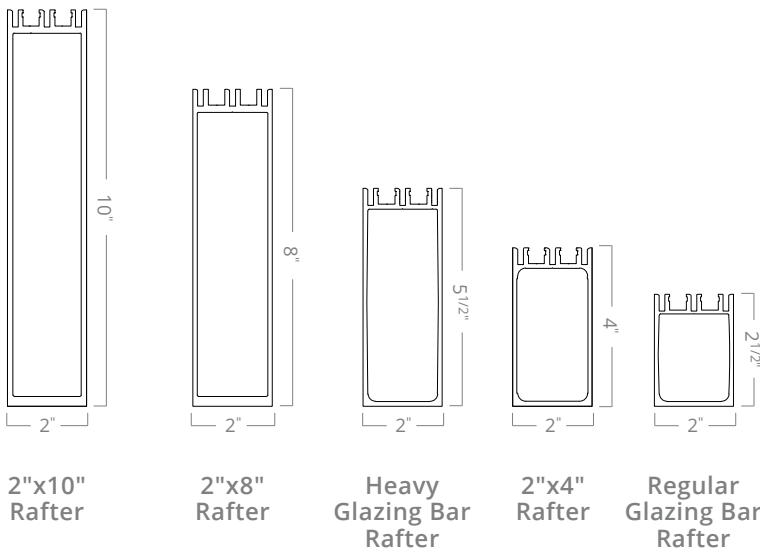
Air and Structure Impact Testing					
TEST NUMBER	PANEL SIZE	CERTIFICATION	DESIGN PRESSURE	AIR AT 6.24 PSF	WATER
11259.4 (FL) 110-11306-2(NCTL)	45" x 61"	Florida	± 65 PSF	0.01 cfm/ft²	12 PSF
11259.3 (FL) 110-15873-1(NCTL)	72" x 72"	Florida	± 80 PSF	0.01 cfm/ft²	30 PSF
11259.1 (FL) 110-15867-2(NCTL)	147" x 99"	Florida	± 65 PSF	0.24 cfm/ft²	30 PSF

Please Note:

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

Additional testing (non-impact) available upon request.

2" System Rafters



Panels

- Pre-assembled and pre-glazed up to
 - 8' x 8' Pyramid
 - 8' x 12' Hip Ends
- Flat Welded Curb Skylights available in fixed modules up to 6' x 12' (no purlins) or 3-bay maximum; larger sizes available with engineering approval

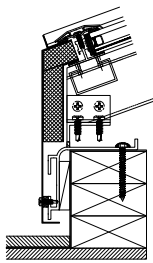
Glazing

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

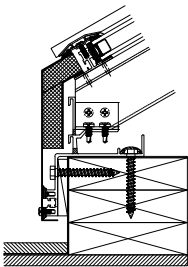
Performance

- 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

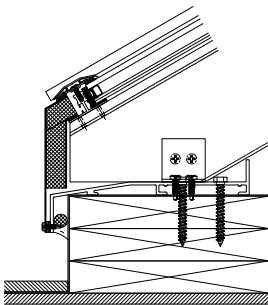
Sill Options



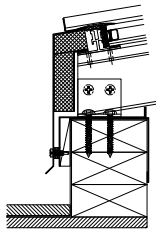
G2 Welded Curb



G3 Welded Curb

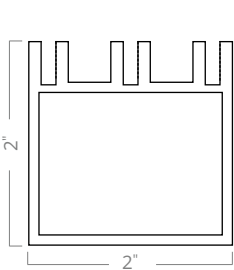


Extruded Skylight Sill

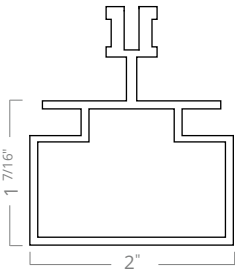


Pan Flashing Sill

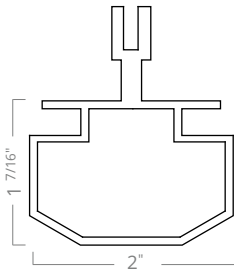
Muntin Options



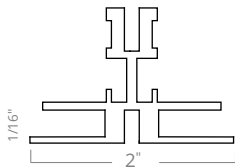
G2 End Wall Bar Muntin Backer



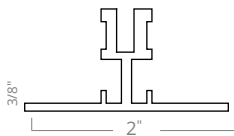
Boxed Muntin



Beveled Muntin

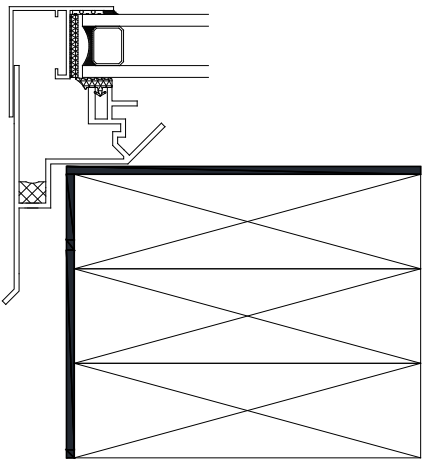


2-Tier Muntin

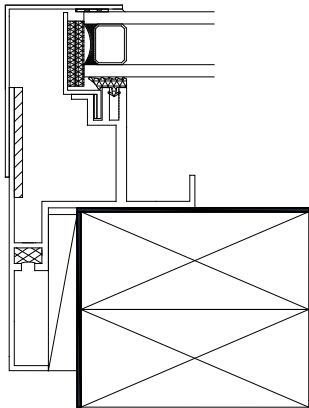


Standard Muntin

Flat Welded Curb Details

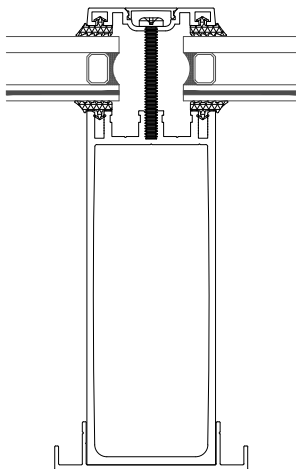
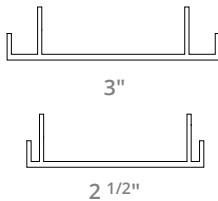


G2 Welded Curb



G3 Welded Curb

Condensation Gutter Options



3" Condensation Gutter Attached to Heavy Glazing Bar

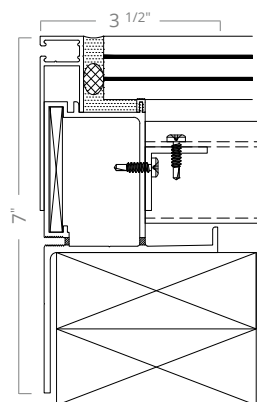
WALKABLE SKYLIGHTS



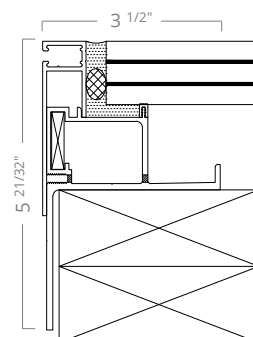
Product Overview

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.

Details



High Frame



Standard Frame



Learn More

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