Sun-Tek
SKYLIGHTS ®

Let the Sunshine In!

WE SELL ENERGY STAR

Skylights & Tube Skylight Systems

Let the Sunshine in...

Why Sun-Tek ?

Our Promises Hold Water

Sun-Tek makes you a promise- to be water tight! We select the best materials available. We study structure and design. We commit to ease of installation, durability of materials, maximized energy conservation and no water. Very simply, NO WATER.

Concerned about more than rain drops?

- *Our Glass Skylights are available in various combinations of LoĒ³-340 over Clear Tempered, Laminated or Impact.*

- *Our Polycarbonate Skylights are produced from high impact resin that is 30 times stronger than acrylic.*

- *Our Extreme Weather Skylights have the widest and most complete range of hurricane & high velocity impact units of any skylight manufacturer to date !*
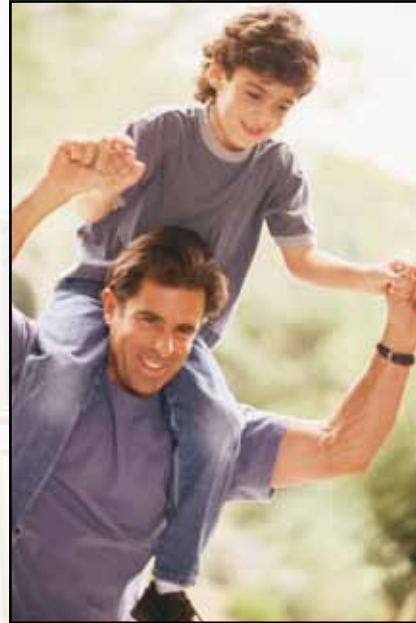
Ease of Installation

With the rough opening prepared, an experienced roofer can install a Sun-Tek skylight - start to finish - in 15 minutes. Labor savings are multiplied with each installation.
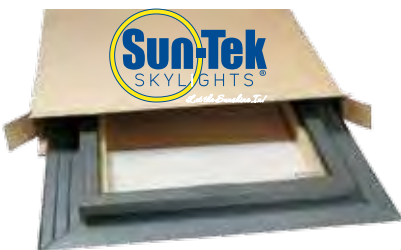
That's Why!

From the Sun-Tek Tube… to insulated Glass… to Polycarbonate… Sun-Tek can offer the right application for any wind zone or environmental requirement.

Install Sun-Tek Skylights. Then relax. Let it rain… or snow… or hail… or blow. You are safe under a canopy of sky.

**Security…
Peace of Mind**

ENERGY STAR
CHANGE FOR THE BETTER WITH ENERGY STAR

Let the Sunshine in…

1-800-334-5854

Natural Light Anywhere you Want Light !

You won't believe the difference skylights make in your home.

For more than 35 years our <u>All American Made</u> skylights have been making homes look brighter and more cheerful... and even bigger. You get more than your money's worth.

Sun-Tek Glass, Polydome, Extreme Weather and Sun-Tek's Tubular Skylights really look great and add value to your home.
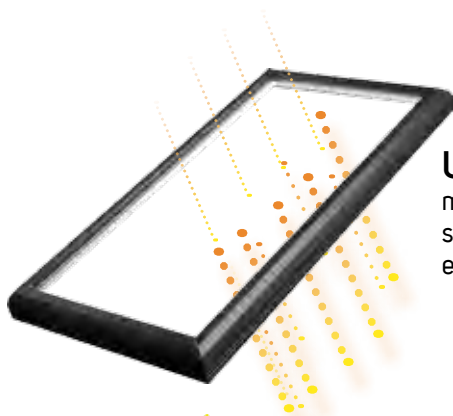
Table of Contents

Superb Design... with Simplicity
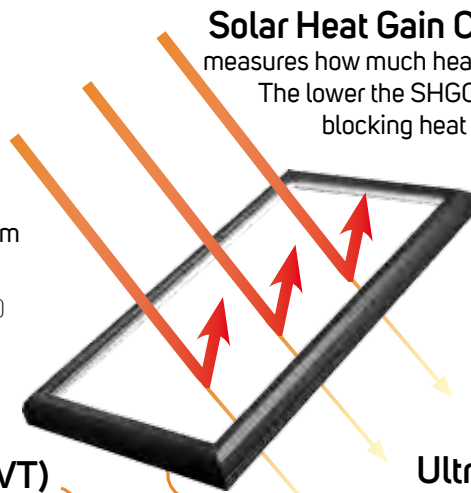
Understanding Thermal Properties On Glass Performance

U-Factor
measures how well your skylight prevents heat from escaping a living space.

- 0.15 > U factor > 1.20
- lower is better

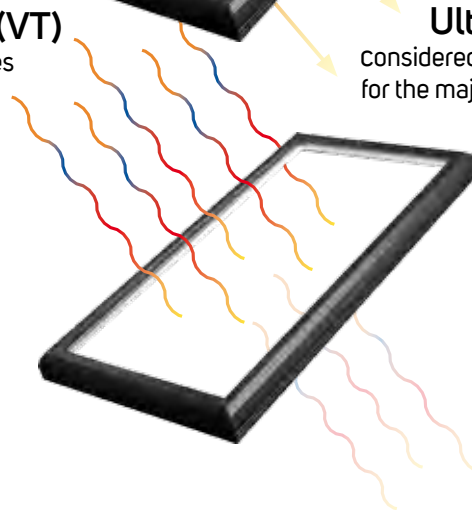## Solar Heat Gain Coefficient (SHGC)
measures how much heat from the sun is blocked. The lower the SHGC, the more the skylight is blocking heat entering the living space.

- 0 > SHGC > 1
- lower is better

Visible Transmittance (VT)
measures how much light comes through the skylight.

- 0 > VT > 100%
- Personal Preference

Ultraviolet Light (UV)
considered the energy that accounts for the majority of fading of materials and furnishings.

- 0 > UV > 1
- lower is better

Insulated Glass Thermal Properties Comparison

Glass	U-Factor	SHGC	VT	UV
Single Pane, Clear	1.04	.86	90 %	.73
Tinted/ClrTemp w/Argon	.48	.63	61 %	.32
Low-e/ClrTemp w/Argon	.30	.72	76 %	.50
LoĒ² 240/ClrTemp w/Argon	.26	.25	39 %	.16
LoĒ³ 366/ClrTemp w/Argon	.24	.27	65 %	.05
LoĒ³ 340/ClrTemp w/Argon	.24	.18	39 %	.02

Condensation
Condensation in your home is caused by excess humidity or invisible water vapor in the air. The warm air in your home can hold large amounts of this water vapor (much more than cold air). When the moisture-laden warm air comes in contact with a cool surface, the vapor condenses to form actual water droplets. This is the cause of the condensation you see on the inside of your skylights or windows. The lower the U-Factor & SHGC thermal numbers, the better result reducing condensation.

Let the Sunshine in...

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Enjoy All Season Comfort

The solar performance of the new LoĒ³ glass is unprecedented in a double-pane Sun-Tek unit – no room-darkening tint required. With its SHGC of just 0.18, it greatly reduces oppressive solar heat gain. And wherever glare is a problem, the LoĒ³ controls that as well. Then when cold weather rolls around, its low U-Factor reduces indoor heat loss. Result? Year-round comfort.
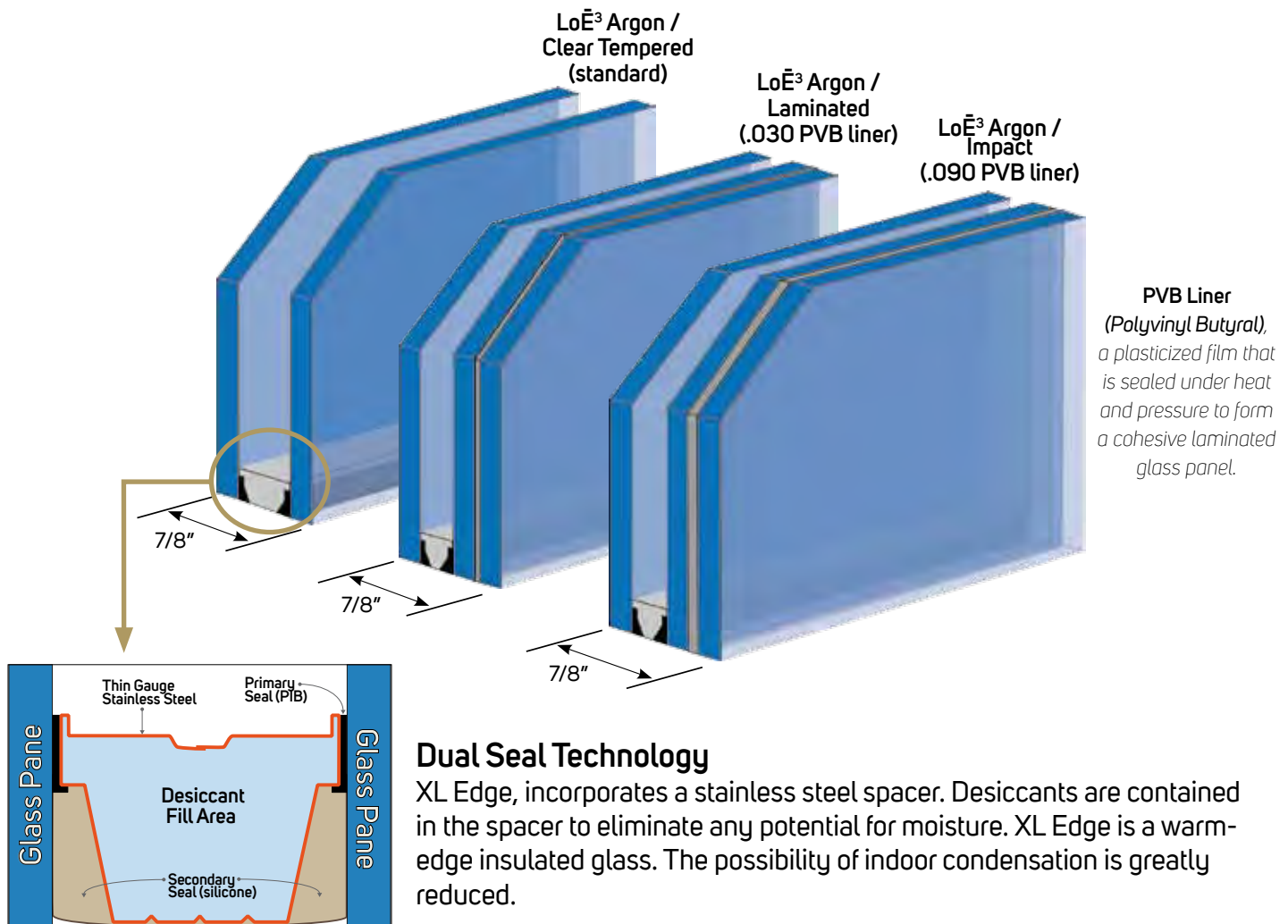
Year-round thermal comfort is mainly the result of two things:
- Blocking oppressive solar heat gain in hot weather, thus maintaining cooler glass temperatures.
- Reducing heat loss in cold weather, thus maintaining warmer glass temperatures.

Less heat gain when it's hot, less heat loss when it's cold, more comfort year-round, and the best glare control under the sun. Finally, LoĒ³-340 delivers the lowest UV transmission of any glass we offer. This greatly reduces fading on furniture, carpet, draperies and everything inside the home.

A Difference Maker !

All Sun-Tek insulated glass will be standard with **LoĒ³-340** over clear tempered and Argon filled with a 7/8" outside dimension.

LoĒ³ Argon / Clear Tempered (standard)

LoĒ³ Argon / Laminated (.030 PVB liner)

LoĒ³ Argon / Impact (.090 PVB liner)

PVB Liner *(Polyvinyl Butyral), a plasticized film that is sealed under heat and pressure to form a cohesive laminated glass panel.*

7/8"

7/8"

7/8"

Thin Gauge Stainless Steel

Primary Seal (PIB)

Glass Pane

Glass Pane

Desiccant Fill Area

Secondary Seal (silicone)

Dual Seal Technology
XL Edge, incorporates a stainless steel spacer. Desiccants are contained in the spacer to eliminate any potential for moisture. XL Edge is a warm-edge insulated glass. The possibility of indoor condensation is greatly reduced.
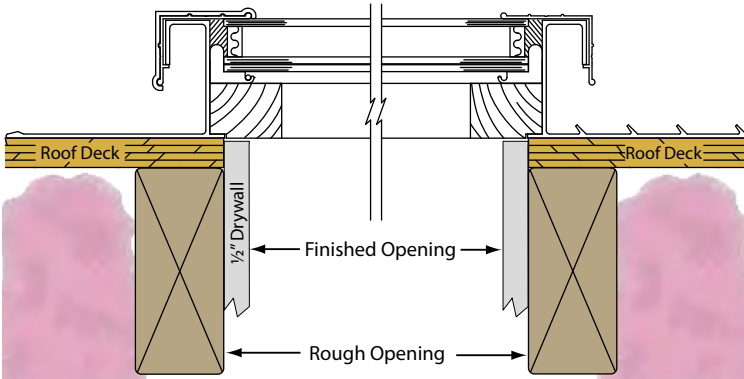
How Do I Measure ?

What is the correct measurement for my skylight ?

Measuring for a Self-Flashing Skylight
Self flashing skylights are mounted directly on a rough opening cut into the roof deck surface.

Roof Deck
Roof Deck
½" Drywall
Finished Opening
Rough Opening

1. Measure the rough opening if new construction or the finished opening, (assuming ½" drywall), if you have an existing light tunnel.
2. Measure both width & length. Always take your measurement as close to the roof deck surface as possible.

Measuring for a Curb Mounted Skylight
Curb mounted skylights are mounted onto an existing raised curb built and flashed on top of the roof deck surface.

CURB (above roof deck)
½" Drywall
Finished Opening
½" Drywall
Roof Deck
Roof Deck
Rough Opening
Outside Curb
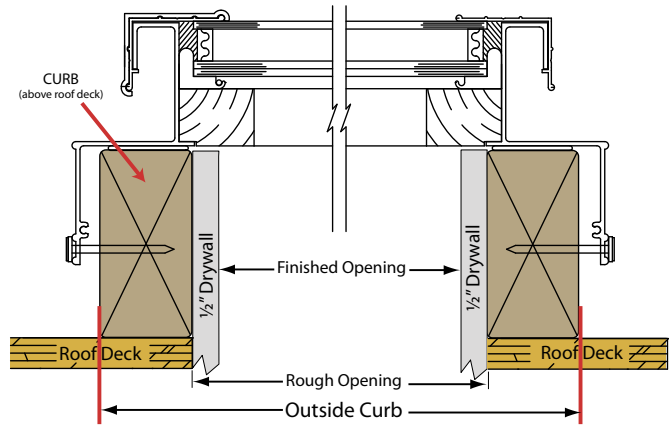
1. You would measure the outside of the curb (including flashing) both width & length. This is done on the roof surface itself.

Polycarbonate vs. Acrylic 101

It should be remembered that both materials have their advantages and it is not a case of which one is better. As always, it is important to select the right material for the application.

POLYCARBONATE

Polycarbonate has 250 times the impact resistance of glass, making it extremely strong. It's also half the weight of glass and has a light transmittance of 89 percent. Polycarbonate is weather resistant and can handle temperatures up to 240 degrees Fahrenheit.

Key Characteristics (Polycarbonate):

- Used for industrial applications
- Bulletproof when used with glass
- More pliable under normal temperatures (0-20°C)
- Yellows over time due to UV rays
- Easier to work with (cut, less likely to break)

ACRYLIC

Acrylic has 17 times the impact resistance of glass and weighs half as much. Acrylic has a light transmittance of 92 percent. Acrylic can handle temperatures up to 190 degrees Fahrenheit.

Key Characteristics (Acrylic):

- More likely to chip, less impact resistant than Polycarbonate. (Still 10-24 times more resistant than float glass)
- Less likely to scratch.
- Yellows more slowly from UV rays.

At - a - Glance	Polycarbonate	Acrylic
Impact vs Glass	250 times more	17 times more
Weight vs Glass	½ the Weight	½ the weight
Heat Tolerance	up to 240° F	up to 190° F

Let the Sunshine in…

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How Do I Choose ?
What is the correct skylight model for my space ?

1. Selecting Skylight Style:

Standard Roof*	Glass	Polycarbonate	Tube
Shingle	iFGC/FGC/VGC	SF/SFA/SFAW	STT
Wood Shake	FHP	SFA/SFAW	STTCM
Tile / Slate	TG	TP	STTCM
Flat	CMG/CMGII/ICMGII	CM/CMA	STTCM
All Other	CMG/CMG II/ICMGII	CM/CMA	STTCM

Extreme Weather™ Roof*
(For regions that would be designated an extreme weather zone)

	Glass	Polycarbonate	Tube
Shingle	ISFG/iFGC	HSF	STTCM
All Other	ICMG/ICMGII	MDCMA/CMA-D	STTCM

* All curb mount units are applicable for any roof type with a site built curb.

2. Selecting the Size of Your Skylight:
The rafter or truss "On Center" spacing will determine size selection.
The term "On Center" refers to the spacing from the center of one rafter to the center of the next.

"On Center"	16"							24"								24"		16"/32"			32"	16"/24"/48		
Model Size	1414	1422	1430	1446	1725	1733	1749	1919	2222	2230	2236	2246	2269	2525	2533	2549	2572	3030	3046	3069	3333 3349	3636	4646 4669 4689	4949 4972
FGC/iFGC/CMG						49	90		43			101		58	81	127	192				113 176			275 417
FHP/TG					52	81		45			105		61	85	131	198				117 181			281
CMGII/ICMGII			40	55	85								64	88	136	205				121 186			288
VGC													58	81	127					113 176			275
SF/CM	25	40	55	85			48	64	88	106	136	205					121	186		175	288		
SFPH	25	40	55	85				64	88	106	136						121			175	288		
SFA/CMA	25	40	55	85			48	64	88	106	136	205					121	186	281	175	288 433 559		
SFAW	24	39	54	83			46	63	86	104	134	201					119	184	277	173	284 429 555		
TP	29	45	61	94			53	70	95	114	145	217					129	197	294	185	300 449 578		
VCMP								43		3422 77	101						90			239			
ISFG								48			109		64	97	136					121 186			288
ICMG								43			101		58	81	127					113 176			275
MDCMA	25	40	55	85			48	64	88	106	136												
CMA-D											205						121	186	281	175	288 433 559		
HSF		61	94					70	95	114	145						129	197		185	300		

STT STTCM	10"	Kit Includes 48 in. of tubing	Max Length 10 ft.	Illuminates 150 sqft	14"	Kit Includes 48 in.	Max Length 20 ft.	Illuminates 250 sqft.	21"	Kit Includes 48 in.	Max Length 30 ft.	Illuminates 450 sqft.

ILLUMINATED AREA (sqft)

3. Selecting Glass or Dome Type:
For Glass: **Standard (E-C)**, *Laminated* (**E-L**) or *Impact* (**E-I**)
For Polycarbonate Domes Inner & Outer: Clear (**C**), Bronze (**B**), White (**W**) or Frosted (**F**).
Not all colors available for all sizes and styles.

4. Selecting Frame Color:
For **Bronze select (B)**, White select (**W**), Natural Aluminum/Mill Finish select (**N**) or Copper Select (**C**).

Self Flashing Glass

Insulated Glass Models

- Completely Assembled, One-piece for easy installation
- Extruded aluminum exterior w/Tig welded corners
- Argon Insulated (LoĒ^3-340 /Tempered) standard
- Industry leading Heat Gain perfomance @ 0.18 or better !
- 20 Year Limited Warranty
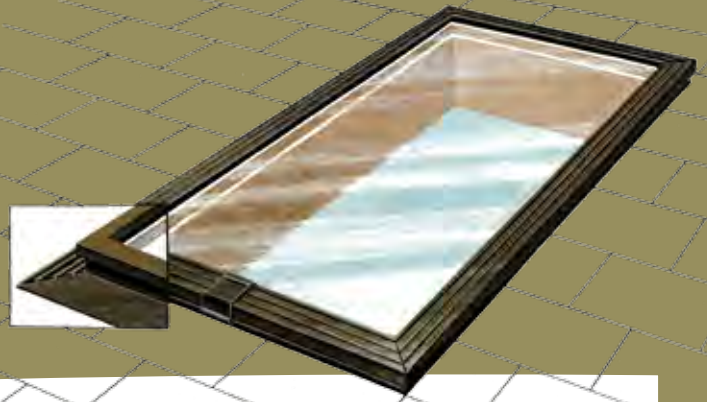
FGC - Fixed Glass Classic
The FGC is the choice for a sleek, extra low profile skylight that blends beautifully with the roof line.
- 2 ⅛" Curb Height
- For use on composition or asphalt shingle roofs with a minimum 2:12 pitch
- Additional Options Include: Flat Flange & White Wood

iFGC - *Impact* Fixed Glass Classic
The iFGC brings the same benefits as the FGC in an impact unit.
- Argon Insulated (LoĒ^3-340 /Impact Glass) standard
- Approved for use in HVHZ (High Velocity Hurricane Zones)
- PVC liner for improved thermal rating

FHP - Fixed High Profile
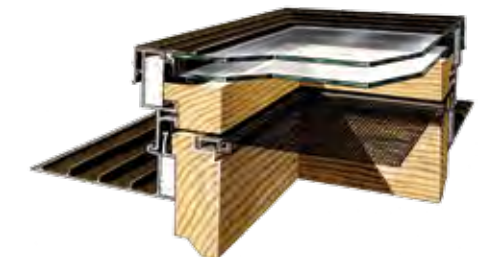Choose the Fixed High Profile when you prefer a traditional 3½" high mounting curb.
- 3 ⅝" Curb Height
- For use on composition or asphalt shingle roofs with a minimum 3:12 pitch
- Additional Options Include: Flat Flange & White Wood

TG - Tile Glass
Or select Tile Glass, a skylight specially designed for use on barrel tile roofs.
- 4 ⅞" Curb Height
- Suitable for any roof type except metal
- Additional Options Include: Flat Flange & White Wood

VGC - Vented Glass Classic
Choose the Vented Glass Classic that opens to the great outdoors to allow in fresh air.
- 4" Curb Height
- For use on composition or asphalt shingle roofs with a minimum 3:12 pitch
- Additional Options Include: Flat Flange & White Wood

ISFG - *Impact* Self Flashing Glass
Flat flanged, Argon-filled double insulated glass with a third layer of high impact polycarbonate and white PVC liner for insulation.
- 5 ⅞" Curb Height
- Suitable for any roof type except metal

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NOA# 17-1023.22

Let the Sunshine in...

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Incredibly Fast Installation

No step-flashing required. The flashing is pre-molded into the base. Once the roof opening is ready, you're off the roof in <u>less than 15 minutes !</u>

Completely Assembled

One piece construction, so it's ready to install right out of the box!

High Performance Glass

With a Solar Heat Gain of .18 , *LoĒ³ Argon-filled glass* is the industry leader in performance !

Patented Water Diversion Channels

No Leaks,
No Caulking

Leakproof

We heliarc weld the corners. No glue, screws or pop-rivets. A Leak Is Impossible !

Sun-Tek SKYLIGHTS®

Size Selection			
Size Code	Daylight Area (SqFt)	Roof Opening	Fits on Center
1725	1.89	14½" x 22½"	
1733	2.62	14½" x 30½"	16"
1749	4.06	14½" x 46½"	
2222	2.25	19½" x 19½"	
2230	3.25	19½" x 27½"	
2246	5.25	19½" x 43½"	
2269	8.13	19½" x 66½"	
2525	**3.06**	**22½" x 22½"**	24"
2533	4.23	22½" x 30½"	
2549	**6.56**	**22½" x 46½"**	
2572	9.92	22½" x 69½"	
3030	4.69	27½" x 27½"	16" 24"
3046	7.58	27½" x 43½"	
3069	11.74	27½" x 66½"	16" 32"
3333	5.84	30½" x 30½"	
3349	9.06	30½" x 46½"	
4646	12.25	43½" x 43½"	
4669	18.96	43½" x 66½"	16" 24" 32"
4949	**14.06**	**46½" x 46½"**	
4972	21.10	46½" x 69½"	
Not all models available in all sizes			

Glass Options

High Performance LoĒ³ Argon-filled glass

• Clear Temp (E-C) Standard
• Laminated (E-L)
• Other Glass Options Available by Special Order

Frame Color Options

• Bronze (B)
• White (W)
• Mill (N)
• Copper (C)

## Custom Sizes Available

• Some Limitations Apply

energy STAR CHANGE FOR THE BETTER WITH ENERGY STAR

MIAMI-DADE COUNTY

Curb Mounted Glass

Insulated Glass Models

- Argon Insulated (LoĒ^3-340 /Tempered) standard
- Extruded aluminum exterior w/Tig welded corners
- Suitable for use on any type roof, including metal, with a self-built curb with flashing.
- 20 Year Limited Warranty
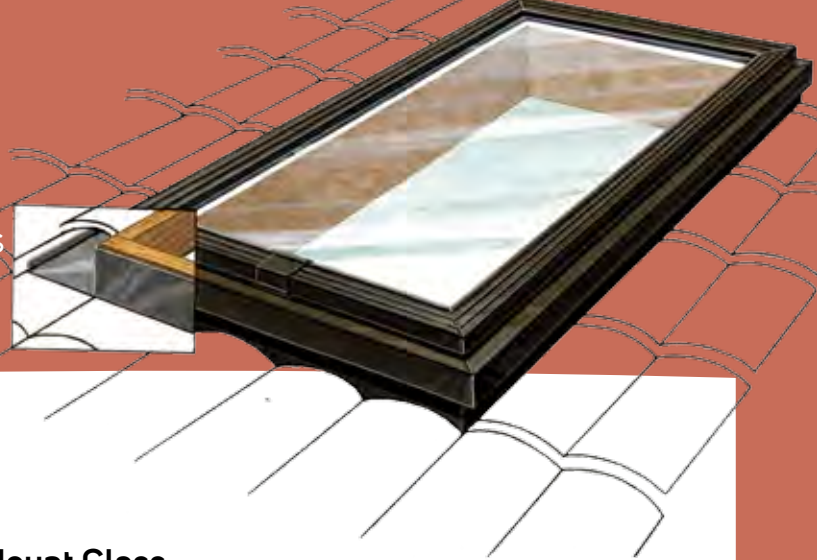
CMG - Curb Mount Glass

- The Curb Mount Glass incorporates its own leak-proof cap, to "cap-off" your raised or "curb" roof opening
- Interior wood liner
- Additional Options Include: White Wood

CMG^{II} - Curb Mount Glass

- Provides the similar characteristic as our CMG with an increased daylight area
- A foam gasket on the underside alleviates the need for sealant
- Improved integral condensation gutter and weep system
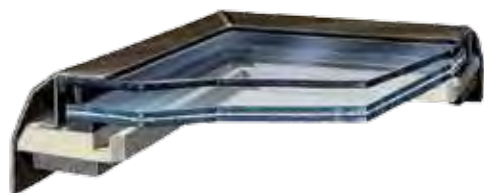- Interior white PVC liner

ICMG - *Impact* Curb Mount Glass

- Extruded aluminum alloy frame
- Argon filled double insulated glass with a third layer of high impact polycarbonate
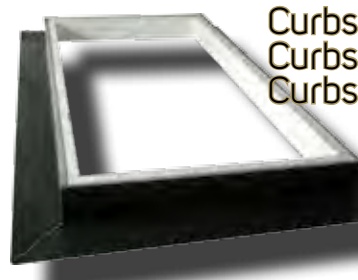- Painted select pine interior

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NOA#
17-1023.21

ICMG^{II} - *Impact* Curb Mount Glass

The ICMG^{II} brings the same benefits as the CMG^{II} in an impact unit.

- Argon Insulated (LoĒ^3-340 /Impact Glass) standard
- Approved for use in HVHZ (High Velocity Hurricane Zones)
- PVC liner for improved thermal rating

Labor Saver

Curbs
Curbs
Curbs

*See Page 16
for Sun-Tek Curb Options!*

Let the Sunshine in...

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Completely Assembled
One-piece construction, so it's ready to install right out of the box!
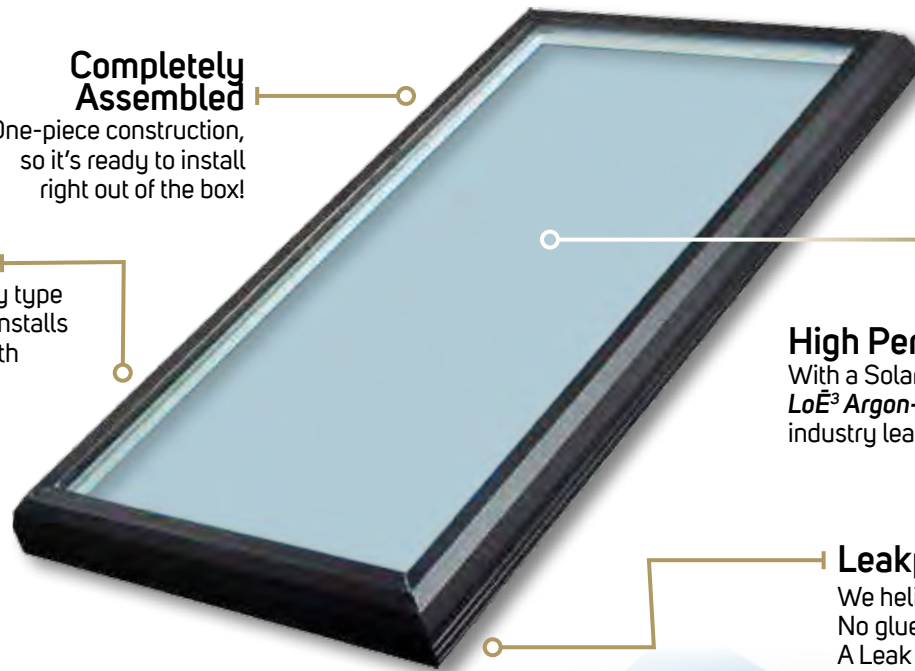
Any Roof Type
Suitable for use on any type roof, including metal, installs on a self-built curb with flashing.

High Performance Glass
With a Solar Heat Gain of .18, *LoĒ³ Argon-filled glass* is the industry leader in performance !

Leakproof
We heliarc weld the corners. No glue, screws or pop-rivets. A Leak Is Impossible !

Size Selection

Size Code	Daylight Area (SqFt)	Roof Opening	Outside Curb Dimension	Fits on Center
1725	1.89	14½" x 22½"	17½" x 25½"	16"
1733	2.62	14½" x 30½"	17½" x 33½"	16"
1749	4.06	14½" x 46½"	17½" x 49½"	16"
2222	2.25	19½" x 19½"	22½" x 22½"	24"
2230	3.25	19½" x 27½"	22½" x 30½"	24"
2246	5.25	19½" x 43½"	22½" x 46½"	24"
2269	8.13	19½" x 66½"	22½" x 69½"	24"
2525	**3.06**	**22½" x 22½"**	**25½" x 25½"**	24"
2533	4.23	22½" x 30½"	25½" x 33½"	24"
2549	**6.56**	**22½" x 46½"**	**25½" x 49½"**	24"
2572	9.92	22½" x 69½"	25½" x 72½"	24"
3030	4.69	27½" x 27½"	30½" x 30½"	16" 24"
3046	7.58	27½" x 43½"	30½" x 46½"	16" 32"
3069	11.74	27½" x 66½"	30½" x 69½"	16" 32"
3333	5.84	30½" x 30½"	33½" x 33½"	16" 32"
3349	9.06	30½" x 46½"	33½" x 49½"	16" 32"
4646	12.25	43½" x 43½"	46½" x 46½"	16" 24" 32"
4669	18.96	43½" x 66½"	46½" x 69½"	16" 24" 32"
4949	**14.06**	**46½" x 46½"**	**49½" x 49½"**	16" 24" 32"
4972	21.10	46½" x 69½"	49½" x 72½"	16" 24" 32"

Not all models available in all sizes

Glass Options

High Performance LoĒ³ Argon-filled glass
- Clear Temp   (E-C) Standard
- Laminated   (E-L)
- Other Glass Options Available by Special Order

Frame Color Options
- Bronze   (B)
- White   (W)
- Mill   (N)
- Copper (C)

Custom Sizes Available
- Some Limitations Apply

Self Flashing Polycarbonate
Co-Extruded & UV Protected

Polycarbonate Models

- Completely Assembled w/Tig welded corners
- Double Dome Insulated
- Minimum 3:12 Pitch Required (except TP & HSF)
- Everything included for easy installation
- 10 Year Limited Warranty / 5 Year on SF

SF - Self Flashing
- An all polycarbonate skylight. The SF mounts directly between your shingles and roof decking
- For use on composition or asphalt shingle roofs

SFPH - Self Flashing
- The same great performance as the SF with faceted flair
- For use on composition or asphalt shingle roofs

SFA - Self Flashing Aluminum
- 4" flange with *Water Diversion Channels* or **Flat Flange**
- Allows for placement of drywall inside of the curb
- Foam insulation is designed to provide thermal protection
- 2 ¾" Curb Height
- For use on composition or asphalt shingle roofs

SFAW - Self Flashing Aluminum With Liner (PVC)
- 4" flange with *Water Diversion Channels* or **Flat Flange**
- Foam insulation is designed to provide thermal protection
- White PVC Liner
- 2 ¾" Curb Height
- For use on composition or asphalt shingle roofs

TP - Tile Plastic
- The TP is the choice for your tile or "built up" roof
- 5 ⅜" Curb Height
- With white PVC liner
- For use on any type roof except metal

HSF - Hurricane Self-Flashing
- Flat flanged aluminum framed skylight
- 5 ½" Curb Height
- For use on any type roof except metal

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17-1023.19

tdi

Let the Sunshine in...

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Incredibly Fast Installation

No step-flashing required. The flashing is pre-molded into the base. Once the roof opening is ready, you're off the roof in <u>less than 15 minutes !</u>

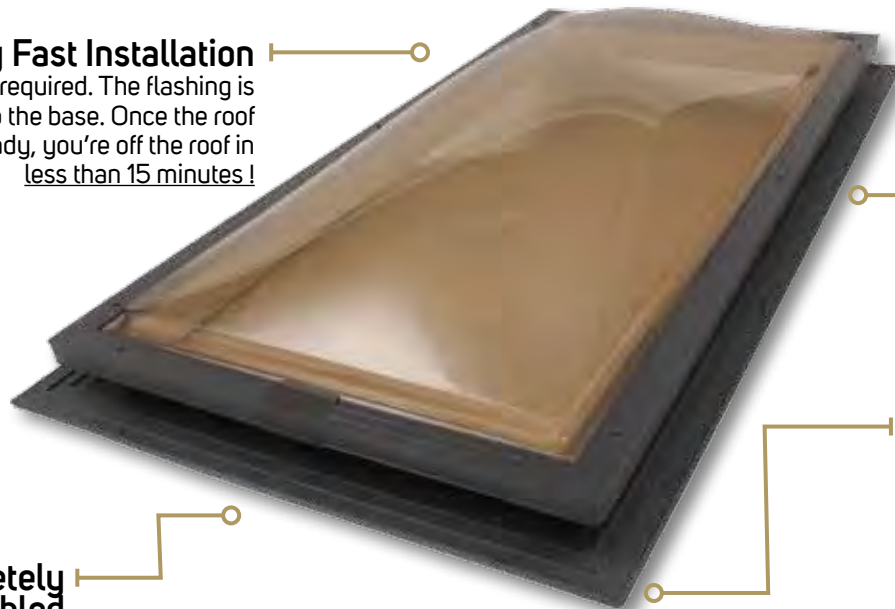## Patented Water Diversion Channels

No Leaks,
No Re-caulking

Leakproof

We heliarc weld the corners. No glue, screws or pop-rivets. A Leak Is Impossible !

Completely Assembled

One piece construction, so it's ready to install right out of the box!

Sun-Tek
SKYLIGHTS®

Size Selection			
Size Code	Daylight Area (SqFt)	Roof Opening	Fits on Center
1414	1.27	14½" x 14½"	16"
1422	2.02	14½" x 22½"	16" 24"
1430	2.77	14½" x 30½"	16"
1446	4.27	14½" x 46½"	16"
1919	2.38	19½" x 19½"	
2222	**3.21**	**22½" x 22½"**	
2230	4.40	22½" x 30½"	24"
2236	5.30	22½" x 36½"	
2246	**6.79**	**22½" x 46½"**	
2269	10.23	22½" x 69½"	
3030	6.04	30½" x 30½"	16" 32"
3046	9.32	30½" x 46½"	
3069	14.03	30½" x 69½"	
3636	8.75	36½" x 36½"	32"
4646	**14.38**	**46½" x 46½"**	16" 24" 32"
4669	21.64	46½" x 69½"	
4689	27.96	46½" x 89½"	
Not all models available in all sizes			

Dome Options

Dome Color Options
- Clear   (C)
- Bronze   (B)
- Frosted (F)
- White   (W)
- Triple dome options available in select sizes

Frame Color Options
- Bronze   (B)
- White   (W)
- Mill   (N)
- Copper   (C)

Custom Sizes Available
- Some Limitations Apply

Curb Mounted Polycarbonate
Co-Extruded & UV Protected

Polycarbonate Models

- Requires self-built curb with flashing.
- Suitable for use on any type roof, including metal.
- Double Dome Insulation w/Tig welded corners
- 10 Year Limited Warranty

CM - Curb Mount
- An all polycarbonate skylight that installs over your own curb or over our *LS-Labor Saver Curb (page 16)*, a specialty product for making easy installation, even easier

CMA - Curb Mount Aluminum
- CMA installs over a curb to provide a leak-proof cap.
- Wrapped with a decorative aluminum trim

VCMP - Vented Curb Mount Polycarbonate
- 90° *Over-the-Curb* Dome Coverage
- Thermally Broken w/Condensation Gutter
- Insulated Double Domed Hatch with Full Egress
- Extension Pole Included

Includes the 3422
"The Philly Lite""

MDCMA ⊚ - Miami Dade - Curb Mount Aluminum
- Curb mounting double layer skylight with aluminum frame
- For sizes up to and including 2246

NOA#
17-1023.18

CMA-D ⊚ - Curb Mount Aluminum - Dade
- Curb mounting double dome skylight with aluminum frame
- For sizes greater than 2246

NOA#
17-1023.20

Let the Sunshine in...

1-800-334-5854

Completely Assembled
One-piece construction, so it's ready to install right out of the box!

Any Roof Type
Suitable for use on any type roof, including metal, installs on a self-built curb with flashing.

Leakproof
We heliarc weld the corners. No glue, screws or pop-rivets. A Leak Is Impossible !

Sun-Tek
SKYLIGHTS®

Size Selection

Size Code	Daylight Area (SqFt)	Roof Opening	Outside Curb Dimension	Fits on Center
1414	1.27	14½" x 14½"	17½" x 17½"	16"
1422	2.02	14½" x 22½"	17½" x 25½"	16" 24"
1430	2.77	14½" x 30½"	17½" x 33½"	16"
1446	4.27	14½" x 46½"	17½" x 49½"	16"
1919	2.38	19½" x 19½"	22½" x 22½"	
2222	**3.21**	**22½" x 22½"**	**25½" x 25½"**	24"
2230	4.40	22½" x 30½"	25½" x 33½"	24"
2236	5.30	22½" x 36½"	25½" x 39½"	
2246	**6.79**	**22½" x 46½"**	**25½" x 49½"**	
2269	10.23	22½" x 69½"	25½" x 72½"	
3030	6.04	30½" x 30½"	33½" x 33½"	16" 32"
3046	9.32	30½" x 46½"	33½" x 49½"	
3069	14.03	30½" x 69½"	33½" x 72½"	
3636	8.75	36½" x 36½"	39½" x 39½"	32"
4646	**14.38**	**46½" x 46½"**	**49½" x 49½"**	16" 24" 32"
4669	21.64	46½" x 69½"	49½" x 72½"	
4689	27.96	46½" x 89½"	49½" x 92½"	

Not all models available in all sizes

Dome Options

Dome Color Options
- Clear   (C)
- Bronze   (B)
- Frosted (F)
- White   (W)

Frame Color Options
- Bronze   (B)
- White   (W)
- Mill   (N)
- Copper   (C)

Custom Sizes Available
- Some Limitations Apply

Skylight Accessories

- Labor Saver Curbs
- Gasket for Curb Mounted Skylights
- Step Flash Kits
- Electric & Manual Shades for all Skylights

STS 1000 Caulk
Seals 12 linear feet on curb mount models; seals 3 linear feet on flanged models. Sold by tube (11.3 fl. oz.) or by case (12 tubes)

Sizing Table

Roof Opening	Glass Size Code	Poly Size Code
Not all sizes apply to all accessories !		
14½"x14½"		1414
14½"x22½"	1725	1422
14½"x30½"	1733	1430
14½"x46½"	1749	1446
19½"x19½"	2222	1919
19½"x27½"	2230	
19½"x43½"	2246	
19½"x66½"	2269	
22½"x22½"	2525	2222
22½"x30½"	2533	2230
22½"x36½"		2236
22½"x46½"	2549	2246
22½"x69½"	2572	2269
27½"x27½"	3030	
27½"x43½"	3046	
27½"x66½"	3069	
30½"x30½"	3333	3030
30½"x46½"	3349	3046
30½"x69½"		3069
36½"x36½"		3636
43½"x43½"	4646	
43½"x66½"	4669	
46½"x46½"	4949	4646
46½"x69½"	4972	4669
46½"x89½"		4689

NOT FOR USE ! on Metal Roofs
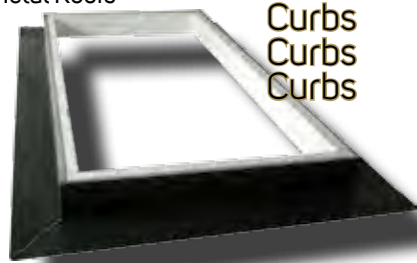
Curbs Curbs Curbs

Labor Saver

New and improved aluminum curbs from Sun-Tek. No need to spend time on the roof building a curb including flashing.

IT'S ALL ONE-PIECE AND READY TO INSTALL !

Made from the same T6 aluminum as our skylights, the *Labor Saver Curbs* are TIG welded for tough long lasting durability.

- Available painted bronze finish or mill (natural aluminum).
- The wood liner comes in natural or painted white finish.
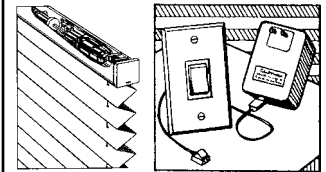- Available as a 2x4 or 2x6 curb installation.

Sun Shades
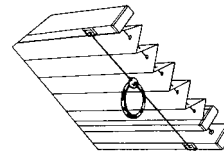
Manual Shade
- Accordion-style pleated fabric
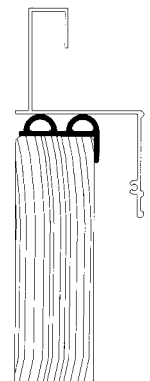- Order by model and size code
- Fits wood lining of skylight

Electric Shade
- Motorized for ease of operation
- Order by model and size code

Curb Gasket (optional)
Fits between skylight and curb on CM, CMA, CMA-D, MDCMA, CMG & ICMG models.

Painted or Natural Liner

NOT FOR USE ! on Metal Roofs

Labor Saver Curbs

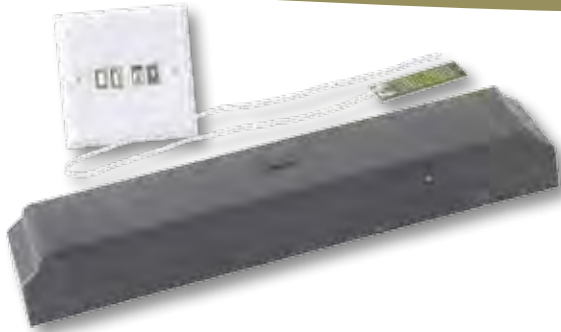2 x 4 Liner

2 x 6 Liner

3.5"

5.5"

LS   LS⁵

Step Flash Kits - (**NOT FOR USE** on Metal Roofs)
Pre-formed, pre-cut aluminum kit to be used for flashing on self-built curb. Use with curb mount models. (3 ½" height) Available in bronze or white.

Let the Sunshine in...

1-800-334-5854
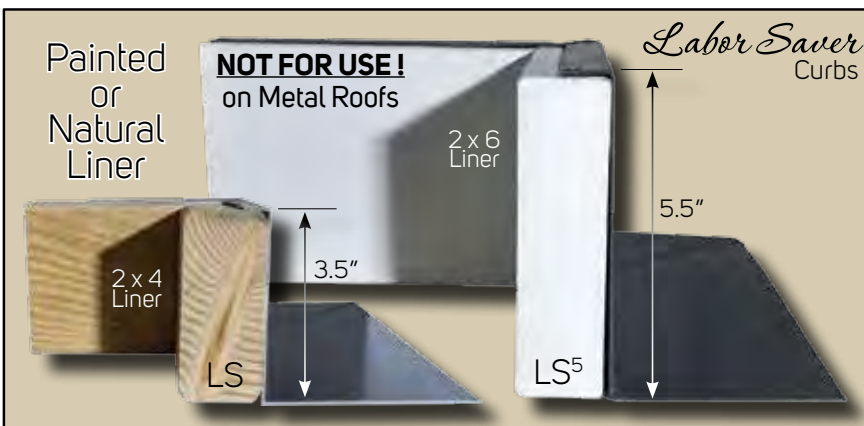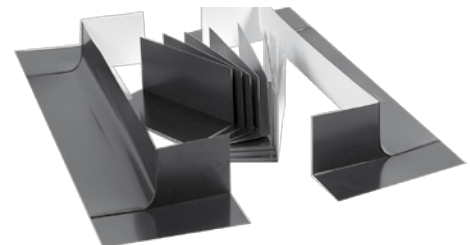
Vented Skylight Accessories

- Skylight Controls
- Model VGC & VCMP Accessories

Skylight Operator Kit w/Rain Sensor and Wall Switch
Opens/Closes skylight and automatically senses moisture.

Remote Transmitter
Add to your operator kit to remotely control your skylight

3 ft. Extension Pole
Used with telescopic pole.

Hex Drive Adapter
To operate skylight opener with Telescopic Pole, opener handle must be replaced with this adapter.

Hex Ball Drive
Replaces lost or damaged ball portion of pole tip.

Universal Joint with Pole Ring
To be used in applications with extreme pitch.

Hook Adapter
To be used in conjunction with Universal Joint with Pole Ring and Sun Shade.

Eyelet Adapter
To be used with the Hook Adapter and Telescopic Pole.

Universal Joint and Insert
May be needed to use pole in sharply angled light tunnels.

Telescopic Pole
Extends from 6' to 10' to allow manual opening/closing of skylight in high ceilings (includes adapter for 1 skylight; order a Hex Drive Adapter for each additional skylight).

Let the Sunshine in…

Tube Skylights
Co-Extruded & UV Protected
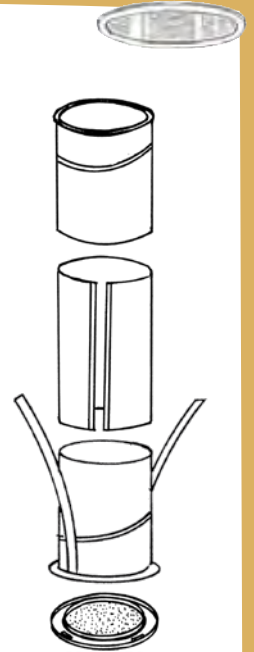## Glass or Polycarbonate Models
- Insulated Glass or Double Dome Polycarbonate
- 10 Year Warranty

## STT - Self Flashing Tube (standard)
» Select from (2) Exterior Lens Options

- For use with asphalt shingle roofs only
- Minimum 3:12 pitch required
- No curb needed
- Only basic carpentry skills needed to install

ENERGY STAR
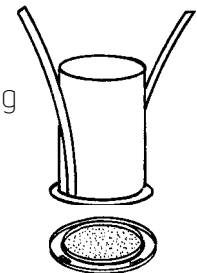
STTCM - Curb Mounted Tube
» Select from (3) Exterior Lens Options

- Can be installed on all roof types
- For use with low pitch roofs
- Curb & Flashing provided by installer
- Meets all building codes

MIAMI-DADE COUNTY
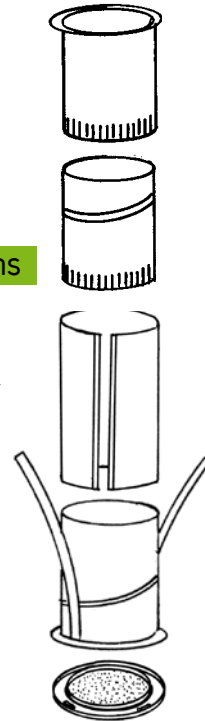
STT SA - Shallow Attic Tube
» Select from (2) Exterior Lens Options

- For shallow attics or cathedral ceilings that have less than a 3 foot distance between roof & ceiling
- Enables installation without getting into attic. Includes 22" of tubing. (Minimum 18" between roof and ceiling, required)

ENERGY STAR

Let the Sunshine in...

1-800-334-5854

Sun-Tek Tube Exterior Lens Options

Polycarbonate Lenses

Self Flashing Polycarbonate (*Standard Unit*)
- For use with asphalt shingle roofs only – minimum 2:12 pitch required
- No curb needed
- Everything included for installation, even the sealant
- Only basic carpentry skills needed to install

Curb Mounted Polycarbonate
- Can be installed on all roof types
- Hurricane Impact Rated
- For use with low pitch roofs
- Curb & Flashing provided by installer

MIAMI-DADE COUNTY
NOA# 17-1025.10

Insulated Glass Lenses

Self Flashing Insulated Glass
- For use with asphalt shingle roofs only – minimum 2:12 pitch required
- No curb needed
- FGC Unit w/Tube Kit

Curb Mount Insulated Glass
- Can be installed on all roof types
- Curb & Flashing provided by installer
- CMG Unit w/Tube Kit

Curb Mounted Hurricane Glass
- Can be installed on all roof types
- Miami Dade - Hurricane Impact Rated
- Curb & Flashing provided by installer
- ICMG Unit w/Tube Kit

MIAMI-DADE COUNTY
NOA# 17-1023.21

Sun-Tek Tube Specifications

TUBE SIZE	10 inch	14 inch	21 inch
*Total Tube Length Included	48"	48"	48"
Tube Length Limits	10 ft (max) 18 in (min)	20 ft (max) 18 in (min)	30 ft (max) 18 in (min)
Fits on Center Spacing	16" or 24"	16" or 24"	24"
Roof Opening	10 1/8"	14 1/8"	21 1/8"
Daylight Area (sq.ft.)	.54	1.06	2.41
Area Illuminated (sq.ft.)	150 sq ft	250 sq ft	450 sq ft
DOME HEIGHT (polycarbonate)	5 1/8"	6 1/4"	9 3/8"
OUTSIDE CURB DIMENSIONS (curb mount only !)			
Polycarbonate	13½" x 13½"	17½" x 17½"	24½" x 24½"
Insulated Glass	15½" x 15½"	19½" x 19½"	26½" x 26½"

* 48" of tubing included in kit is comprised of <u>two</u> 15" elbows that turn up to 45° and <u>one</u> 20" extension.

For additional Tube accessories, please see page 21.

Let the Sunshine in…

Multi-Tube Skylights

Spyder

- Choose your solar collector configuration , then choose the curb mount skylight unit to top it on the roof. (CMA standard)
- Insulated Glass or Polycarbonate Dome
- Standard or Extreme Weather®
- Minimum 4' height attic space required
- Requires self-built curb and flashing

Solar Collector Configurations

Various installation configurations are available allowing natural light into multiple living spaces. The location of the Spyder multi-tube system in the home varies per application and home design. Light kits and extension tunnels also apply as in the single Sun-Tek Tube application.

Visit our website or call *Customer Service* for a Spyder® Worksheet to determine the length of extension needed for your application.

Quad 10"
Order: Q10 2222
Roof Opening: 22½" x 22½"

150 sq.ft. of light   150 sq.ft. of light
150 sq.ft. of light   150 sq.ft. of light

Double 10"/14"
D10/14 2222
Roof Opening: 22½" x 22½"

250 sq.ft. of light
150 sq.ft. of light

Quad 10" Inline
Q10 1446
Roof Opening: 14½" x 46½"

150 sq.ft. of light
150 sq.ft. of light
150 sq.ft. of light
150 sq.ft. of light

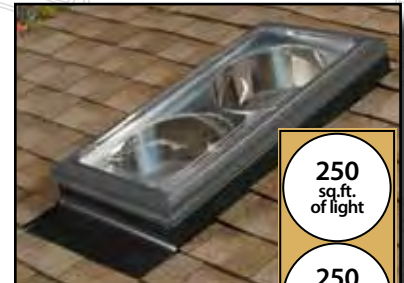### Double 10"
D10 1422
Roof Opening: 14½" x 22½"

150 sq.ft. of light
150 sq.ft. of light

Double 14"
D14 1430
Roof Opening: 14½" x 30½"

250 sq.ft. of light
250 sq.ft. of light

Let the Sunshine in...

1-800-334-5854

Tube & *Spyder*™ Accessories

Tube Extensions

Extension tunnels are available for situations requiring more than the 48 inches of tubing included in the kits

20" extensions

48" extensions

Available for Sun-Tek® Tube and Spyder® Multi-Tube. For all tube diameters

90° elbows

Tube Extension Elbow

For those situations where additional maneuverability is needed in your attic.
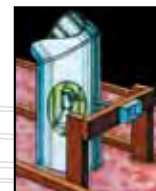
Available for Sun-Tek® Tube & Spyder® Multi-Tube. For all tube diameters

45° elbows

Light Kit

You can use your Sun-Tek Tube as an extra light source DAY OR NIGHT with the addition of our special light kit.
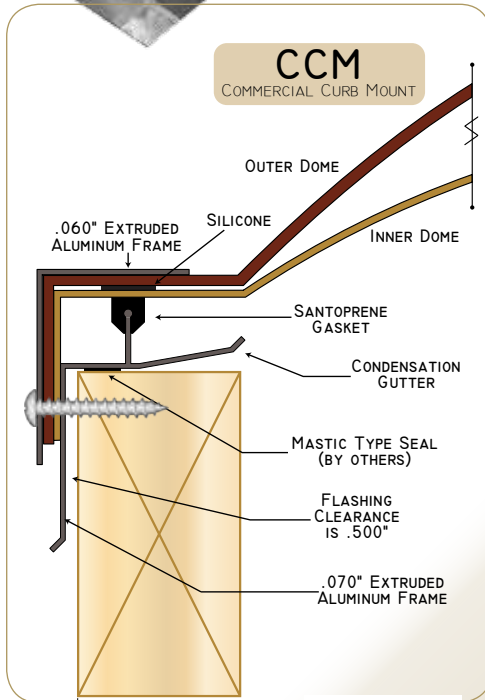
For all tube diameters
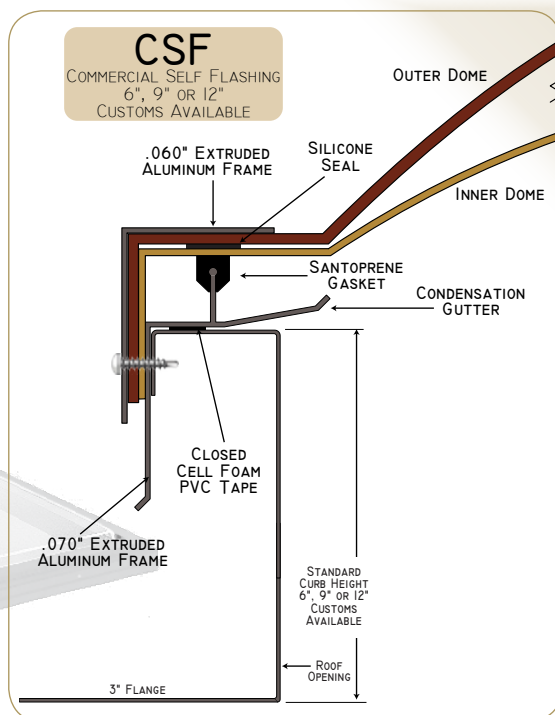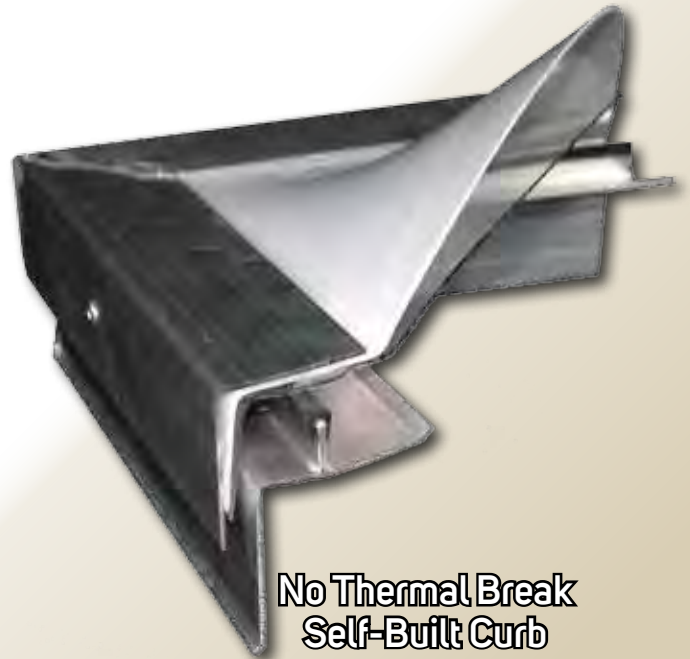
Commercial
Polycarbonate Skylights

For over 35 years Sun-Tek has been manufacturing the most complete line of high standard - residential skylighting here in the United States.

We are now offering this same great assurance in a commercial version.

- 6", 9" or 12" Standard Curb Height, Custom heights available
- Mill, Bronze or White Finish
- Single or Double Domes
- Pyramid Domes Available
- White, Clear or Bronze Domes
- Insulated or Non-Insulated
- 5 Year Limited Warranty

Commercial

CCM
COMMERCIAL CURB MOUNT

OUTER DOME

SILICONE

.060" EXTRUDED ALUMINUM FRAME

INNER DOME

SANTOPRENE GASKET

CONDENSATION GUTTER

MASTIC TYPE SEAL (BY OTHERS)

FLASHING CLEARANCE IS .500"

.070" EXTRUDED ALUMINUM FRAME

No Thermal Break Self-Built Curb

No Thermal Break Non- Insulated Curb

CSF
COMMERCIAL SELF FLASHING
6", 9" OR 12" CUSTOMS AVAILABLE

OUTER DOME

.060" EXTRUDED ALUMINUM FRAME

SILICONE SEAL

INNER DOME

SANTOPRENE GASKET

CONDENSATION GUTTER

CLOSED CELL FOAM PVC TAPE

.070" EXTRUDED ALUMINUM FRAME

STANDARD CURB HEIGHT 6", 9" OR 12" CUSTOMS AVAILABLE

ROOF OPENING

3" FLANGE

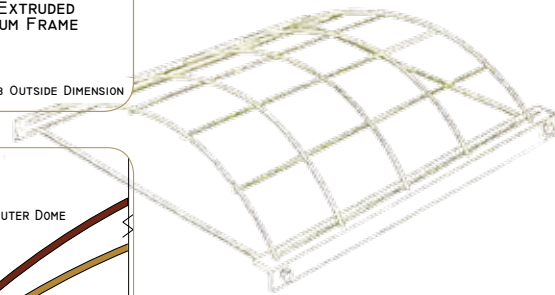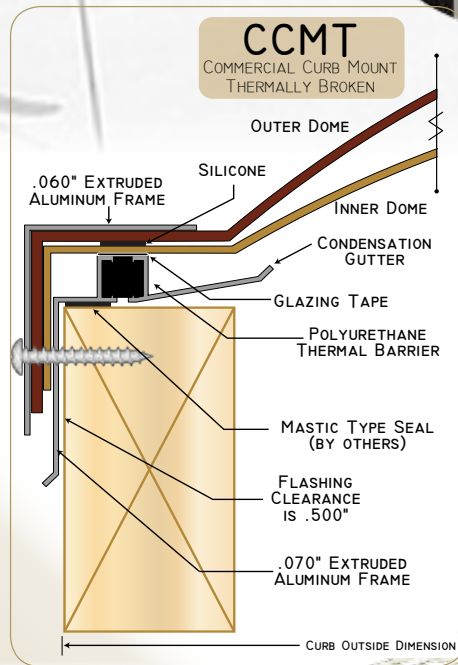*Let the Sunshine in…*

1-800-334-5854

We have engineered our polycarbonate dome to wrap all the way down the curb portion of the unit for added water diversion. In addition, it is fastened through the polycarbonate for increased strength and durability.
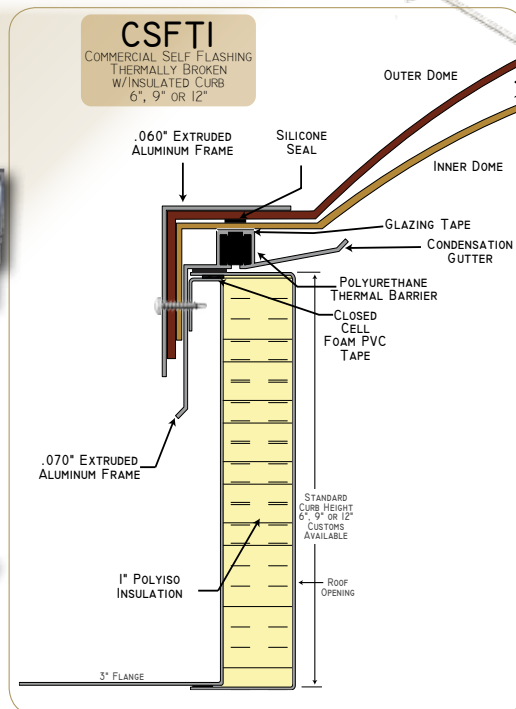
Options

Thermally Broken Self-Built Curb

CCMT
COMMERCIAL CURB MOUNT
THERMALLY BROKEN

OUTER DOME
SILICONE
INNER DOME
.060" EXTRUDED ALUMINUM FRAME
CONDENSATION GUTTER
GLAZING TAPE
POLYURETHANE THERMAL BARRIER
MASTIC TYPE SEAL (BY OTHERS)
FLASHING CLEARANCE IS .500"
.070" EXTRUDED ALUMINUM FRAME
CURB OUTSIDE DIMENSION

Thermally Broken Insulated Curb

CSFTI
COMMERCIAL SELF FLASHING
THERMALLY BROKEN
W/INSULATED CURB
6", 9" OR 12"

OUTER DOME
.060" EXTRUDED ALUMINUM FRAME
SILICONE SEAL
INNER DOME
GLAZING TAPE
CONDENSATION GUTTER
POLYURETHANE THERMAL BARRIER
CLOSED CELL FOAM PVC TAPE
.070" EXTRUDED ALUMINUM FRAME
STANDARD CURB HEIGHT 6", 9" OR 12" CUSTOMS AVAILABLE
1" POLYISO INSULATION
ROOF OPENING
3" FLANGE

Fall Protection Available

It is our honor to manufacture & market Sun-Tek Skylights throughout the United States and around the world. We are proud to be a wholly owned American company.

Since 1979, Sun-Tek has been investing in our local communities and building our brand as a leading manufacturer of natural lighting solutions.

All Sun-Tek skylights have received certification from the Florida Building Commission as approved under the Florida code.

All Sun-Tek skylights have received certification from the Texas Department of Insurance as approved under the Texas code.

Sun-Tek provides an entire class of Extreme Weather™ products for any skylight application required. Updated NOA#'s for Miami-Dade are available on the website or through customer service.

A government program to assist consumers with energy efficient products. Several Sun-Tek products have met or exceeded requirements to be qualify Sun-Tek as an Energy Star® participant.

The National Fenestration Rating Council, develops and administers energy-related rating and certification programs that serve the public by providing fair, accurate, and credible information on fenestration performance.

The National Accreditation an Management Institute Inc. has certified Sun-Tek as a participant in quality assurance.

Contact your local Sun-Tek representative or Sun-Tek customer service for pricing and availability.