

Signature™ Series Dome

Continuous Venting
Industrial Skylight



Frame Model 805SC

KEY FEATURES

- Continuous Venting Unit
- Bird Resistant Design
- Integrated Rain Guarding
- Available Bug Screen
- Sunoptics Signature Series Dome Configuration

Buy American: This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT. Please refer to www.sunoptics.com for additional information.

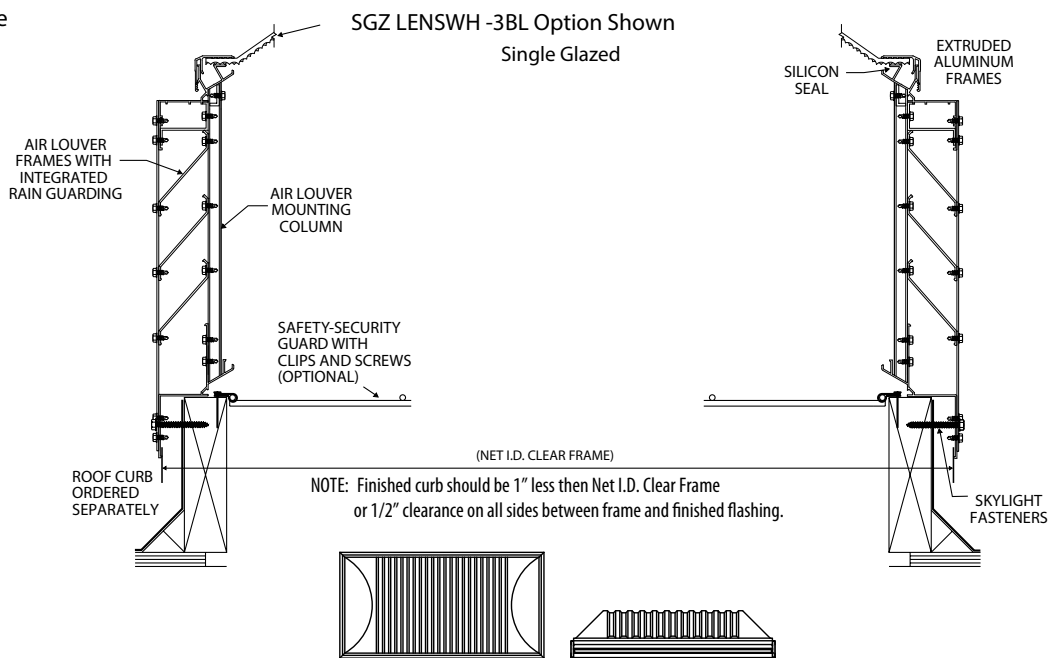
Warranty: 10-year and 15-year limited warranty available. Complete warranty terms located at: www.sunoptics.com

Note: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

PRODUCT PROFILE



Details Not To Scale



SPECIFICATIONS

Skylights shall be Sunoptics model 805SC (curb mounted) as manufactured by AES Sunoptics, Inc. Skylights shall be glazed ready for installation.

Skylight frames shall be fabricated from extruded aluminum, finish to be natural mill. Frames shall have integral condensation and weepage gutters which drain interior moisture to the outside. Corners shall be mitered and welded. The polycarbonate glazing shall be separated from the skylight frame with a Silicon Seal.

Skylights shall be continuous venting using integral Bird Resistant Air Louver Blades with a minimum 3/4" overlap as well as integrated rain guarding. Number of blades as specified.

Skylights shall be glazed using CC1 or CC1P125 rated Prismatic polycarbonate in a Signature Series Dome configuration.

Certain airborne contaminants can diminish the integrity of polycarbonate lenses. Refer to the compatibility tables for suitable uses on our website.

Skylights not for use in Harsh, Corrosive, Marine and high-humidity Environmental Conditions such as Marina, Greenhouses, Petrol-Chemical facilities or other chemicals where the skylights may be exposed to such conditions.

Skylight Hail Class Rating

Material Type	Lens Material	Resistance Rating	Hail Size
Polycarbonate	CC1/CC1P125	Class 4	2"

Skylight Thermal Performance

Type	SHGC	U-Value	VLT
Single Glazed White	.51	n/a	.74
Double Glazed Clear/White	.42	n/a	.68

Cleaning Polycarbonate Lenses: Frequency of cleaning is determined by site conditions. When cleaning polycarbonate lenses, use only water or water with a mild soap. Use a soft rag to minimize scratching the polycarbonate. A pressure washer is acceptable to use as well. Never use ammonia, aromatic or petroleum based products to clean polycarbonate lenses. This will cause deterioration and cracking of the lens and will void the warranty.

Skylights should not be installed in locations with an operating temperature in excess of -75° F or 180°F.

ORDERING LOGIC

Signature Series Dome

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Fixture	ID Frame Call-Out	ID Frame Width	ID Frame Length	Glazing	Lens Material	
SIG Signature Series	2020	27-1/4" x 27-1/4"	W27.250 Width 27.250 inches	L27.250 Length 27.250 inches	SGZ Single Glaze	CC1 Polycarbonate
	2040	27-1/4" x 51-1/4"	W27.250 Width 27.250 inches	L51.250 Length 51.250 inches	DGZ Double Glaze	CC1P125 ¹ .125"
	2080	27-1/4" x 99-1/4"	W27.250 Width 27.250 inches	L99.250 Length 99.250 inches		
	20100	27-1/4" x 123-1/4"	W27.250 Width 27.250 inches	L123.250 Length 123.250 inches		
	3030	39-1/4" x 39-1/4"	W39.250 Width 39.250 inches	L39.250 Length 39.250 inches		
	3050	39-1/4" x 63-1/4"	W39.250 Width 39.250 inches	L63.250 Length 63.250 inches		
	3060	39-1/4" x 75-1/4"	W39.250 Width 39.250 inches	L75.250 Length 75.250 inches		
	3080	39-1/4" x 99-1/4"	W39.250 Width 39.250 inches	L99.250 Length 99.250 inches		
	30100	39-1/4" x 123-1/4"	W39.250 Width 39.250 inches	L123.250 Length 123.250 inches		
	4040	51-1/4" x 51-1/4"	W51.250 Width 51.250 inches	L51.250 Length 51.250 inches		
	4050	51-1/4" x 63-1/4"	W51.250 Width 51.250 inches	L63.250 Length 63.250 inches		
	4060	51-1/4" x 75-1/4"	W51.250 Width 51.250 inches	L75.250 Length 75.250 inches		
	4070	51-1/4" x 87-1/4"	W51.250 Width 51.250 inches	L87.250 Length 87.250 inches		
	4080	52-1/4" x 100-1/4"	W52.250 Width 52.250 inches	L100.250 Length 100.250 inches		
	40100	52-1/4" x 123-1/4"	W52.250 Width 52.250 inches	L123.250 Length 123.250 inches		
	5050	63-1/4" x 63-1/4"	W63.250 Width 63.250 inches	L63.250 Length 63.250 inches		
	5060	63-5/8" x 75-5/8"	W63.625 Width 63.625 inches	L75.625 Length 75.625 inches		
	5558	67-3/4" x 70-3/4"	W67.750 Width 67.750 inches	L70.750 Length 70.750 inches		
	5070	63-1/4" x 87-1/4"	W63.250 Width 63.250 inches	L87.250 Length 87.250 inches		
	5080	63-1/4" x 99-5/8"	W63.250 Width 63.250 inches	L99.250 Length 99.250 inches		

Use **CUST** for Custom sized units. **W**____ Custom Width **L**____ Custom Length*

IMPORTANT: Consult Factory for anything outside of minimum or maximum range
 Min/Max Width: 27.250 inches / 63.250 inches
 Min/Max Length: 27.250 inches / 123.250 inches

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Lens Color	Unit Type	Continuous Venting	Skylight Frame Finish	Options
LENSWH White (Single Glaze Default) ²	8055C Continuous Vent	(blank) Continuous Vent	MI Mill (Default)	(blank) No Options
LENSCLWH Clear White (Double Glaze Default) ³		1BL 1 Blade Continuous Vent		SCRN Bug Screen
		2BL 2 Blade Continuous Vent		
		3BL 3 Blade Continuous Vent		

