Signature™ Series Dome

Continuous Venting Industrial Skylight

SUNOPTICS®
Skylights and Daylighting Systems

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.acuitybrands.com/resources/buy-american for additional information.
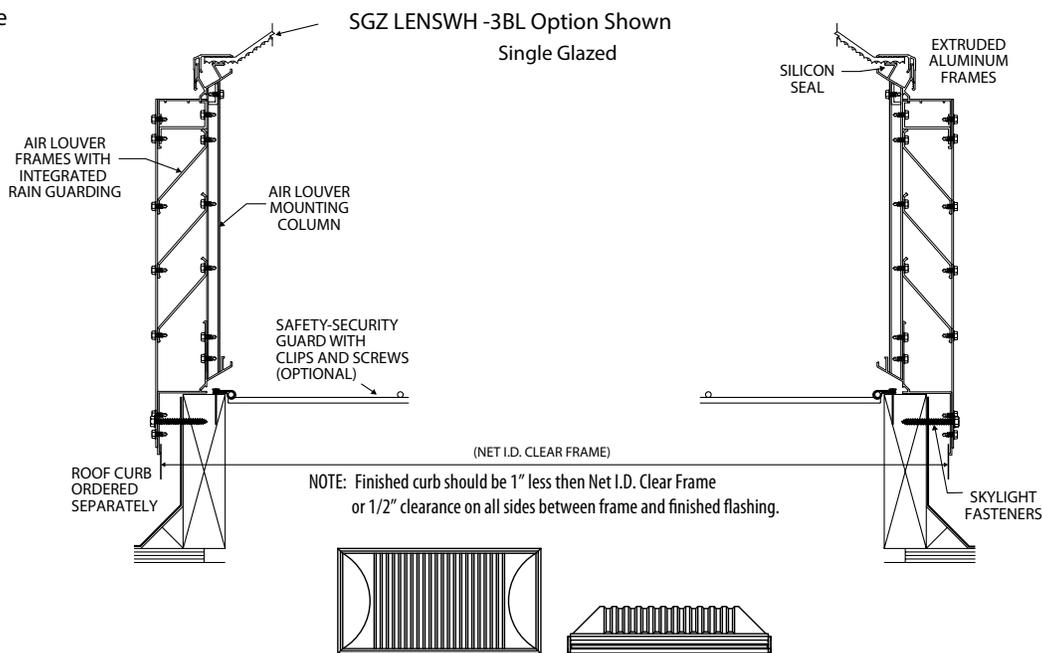
Warranty: 10-year and 15-year limited warranty available. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice.

Buy American

PRODUCT PROFILE

Details Not To Scale

SGZ LENSWH -3BL Option Shown
Single Glazed

SILICON SEAL

EXTRUDED ALUMINUM FRAMES

AIR LOUVER FRAMES WITH INTEGRATED RAIN GUARDING

AIR LOUVER MOUNTING COLUMN

SAFETY-SECURITY GUARD WITH CLIPS AND SCREWS (OPTIONAL)

ROOF CURB ORDERED SEPARATELY

SKYLIGHT FASTENERS

(NET I.D. CLEAR FRAME)

NOTE: Finished curb should be 1" less then Net I.D. Clear Frame or 1/2" clearance on all sides between frame and finished flashing.

SPECIFICATIONS

Skylights shall be Sunoptics model 805SC (curb mounted) as manufactured by Sunoptics Skylights, an Acuity Brands Company, 6201 27th Street, Sacramento CA 95822 916/395-4700.

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 acrylic, or 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 100%, Impact Modified CC2 Prismatic Acrylic and/or CC1 rated, Prismatic polycarbonate in a Signature Series Dome configuration.

Certain airborne contaminants can diminish the integrity of acrylic or 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
Acrylic	CC2CL3	Class 3 (incl. Class 1)	1-3/4"
Polycarbonate over Acrylic	CC1CC2	Class 4	2"
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
Double Glazed White/White	.31	n/a	.63

Cleaning Acrylic Lenses: Frequency of cleaning is determined by site conditions. When cleaning acrylic lenses, use only water or water with a mild soap. Use a soft rag to minimize scratching the acrylic. A pressure washer is acceptable to use as well. Never use ammonia, aromatic or petroleum based products to clean acrylic 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.

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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" Polycarbonate
	2080	27-1/4" x 99-1/4"	**W27.250**	Width 27.250 inches	**L99.250**	Length 99.250 inches			**CC2CL3**	Acrylic Class 3
	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*

MPORTANT: 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

Lens Color		Unit Type		Continous Venting		Skylight Frame Finish		Options	
LENSWH	White (Single Glaze Default) [2]	**805SC**	Continuous Vent	**(blank)**	Continuous Vent	**MI**	Mill (Default)	**(blank)**	No Options
LENSCL	Clear [2]			**1BL**	1 Blade Continuous Vent			**SCRN**	Bug Screen
LENSCLWH	Clear White (Double Glaze Default) [3]			**2BL**	2 Blade Continuous Vent				
LENSWHWH	White White			**3BL**	3 Blade Continuous Vent				

* mold fee may apply   1) only available for skylights with a width of up to 52-1/4"   2) Single Glaze   3) Double Glaze

SUNOPTICS®