

# 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](http://www.sunoptics.com) for additional information.

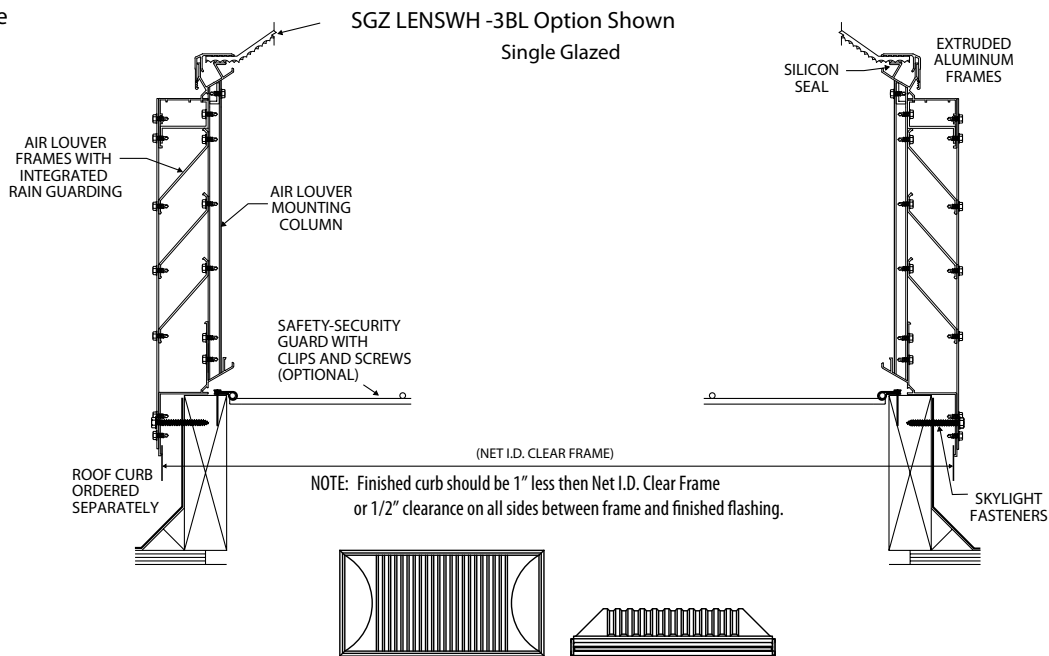
**Warranty:** 10-year and 15-year limited warranty available. Complete warranty terms located at: [www.sunoptics.com](http://www.sunoptics.com)

**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	<b>4040</b> 51-1/4" x 51-1/4"	<b>W51.250</b> Width 51.250 inches	<b>L51.250</b> Length 51.250 inches	<b>SGZ</b> Single Glaze	<b>CC1</b> Polycarbonate
	<b>4080</b> 51-1/4" x 100-1/4"	<b>W52.250</b> Width 52.250 inches	<b>L100.250</b> Length 100.250 inches		<b>CC1P125</b> <sup>1</sup> .125"

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

