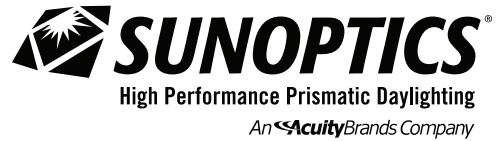


# Signature Series Dome

## Fixed Industrial Skylight



**Frame Model 800MD**

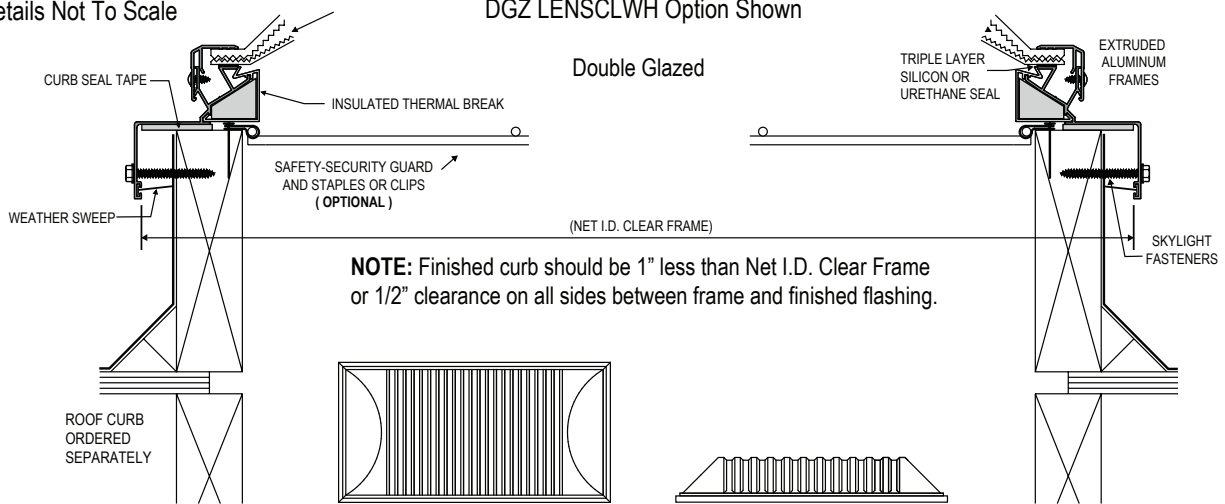
### AVAILABLE CERTIFICATIONS

- FM Approval # 4431
- High Velocity Hurricane Zone Approved
- CE Certified
- Class 1, Class 3 and Class 4 Hail Ratings Available (Class 1 Default)

### PRODUCT PROFILE

Details Not To Scale

DGZ LENSCLWH Option Shown



### SPECIFICATIONS

Skylights shall be Sunoptics model 800MD ( 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 6063 T6 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 glazing shall be separated from the skylight frame with a Silicon Seal.

Skylights shall be glazed using 50% or 100%, Impact Modified CC2 Prismatic Acrylic and/or CC1 rated, Prismatic polycarbonate in a Signature Series Dome configuration.

FM Approved Skylights shall be Double glazed using CLEAR ARMOR® Clear Polycarbonate Prismatic over CLEAR ARMOR® High White Polycarbonate Prismatic lens, CC1/Class A Rated, FM Approved, 5 year hail proof warranted.

FM Approved Skylights shall be tested and approved under Factory Mutual #4431 testing method for fixed skylights. Class A / CC1 flame rating. Standard Size units up to 5080 are tested and certified to AAMA/WDMA/CSA101/I.S.2/ A440 to comply with section 2405.5 of the International Building Code.

**Note:** Multi-glazed units default to include Insulated Thermal Break (ITBR), Curb Seal Tape, Weather Sweep (WSW) and screws. Single-glazed units default to not included any of these options.

Testing was performed on HVHZ skylights per Florida Building Code, Test Protocols for High Velocity Hurricane Zone (HVHZ), Protocols TAS 201, TAS 202 and TAS 203. The samples tested met the performance requirements set forth in the protocols for a ±60.0 psf Design Pressure rating.

**Note:** Specifications subject to change without notice.

Type	SHGC	U-Value	VLT
Single Glazed Acrylic CL1	.51	n/a	.74
Single Glazed Poly	.51	n/a	.70
Double Glazed Acrylic/Acrylic	.42	.74	.68
Doubled Glazed (FM) Poly/Poly	.42	.74	.64
Double Glazed (HVHZ) Poly/Acrylic	.42	.74	.65
Triple Glazed Class 1 Acrylic/Acrylic/Acrylic	.33	.62	.62
Triple Glazed Class 3 Acrylic/Acrylic/Acrylic	.33	.62	.63

# ORDERING LOGIC

# Signature Series Dome

Fixture	ID Frame Call-Out	ID Frame Width	ID Frame Length	Glazing	Lens Material
<b>SIG</b> Signature Series	<b>2020</b> 27-1/4" x 27-1/4" / 692mm x 692 mm	<b>W27.250</b> (692 mm)	<b>L27.250</b> (692 mm)	<b>SGZ</b> Single Glaze	<b>CC1HVHZ</b> Polycarbonate
	<b>2040</b> 27-1/4" x 51-1/4" / 692mm x 1302mm	<b>W27.250</b> (692 mm)	<b>L51.250</b> (1302 mm)	<b>DGZ</b> Double Glaze	<b>CC1</b> Polycarbonate
	<b>2080</b> 27-1/4" x 99-1/4" / 692mm x 2521mm	<b>W27.250</b> (692 mm)	<b>L99.250</b> (2521 mm)	<b>TGZ</b> Triple Glaze	<b>CC2CL1</b> Acrylic Class 1
	<b>20100</b> 27-1/4" x 123-1/4" / 692mm x 3131mm	<b>W27.250</b> (692 mm)	<b>L123.250</b> (3131 mm)		<b>CC2CL3</b> Acrylic Class 3
	<b>3030</b> 39-1/4" x 39-1/4" / 997mm x 997mm	<b>W39.250</b> (997 mm)	<b>L39.250</b> (997 mm)		
	<b>3050</b> 39-1/4" x 63-1/4" / 997mm x 1607mm	<b>W39.250</b> (997 mm)	<b>L63.250</b> (1607 mm)		
	<b>3060</b> 39-1/4" x 75-1/4" / 997mm x 1911mm	<b>W39.250</b> (997 mm)	<b>L75.250</b> (1911 mm)		
	<b>3080</b> 39-1/4" x 99-1/4" / 997mm x 2521mm	<b>W39.250</b> (997 mm)	<b>L99.250</b> (2521 mm)		
	<b>30100</b> 39-1/4" x 123-1/4" / 997mm x 3131mm	<b>W39.250</b> (997 mm)	<b>L123.250</b> (3131 mm)		
	<b>4040</b> 51-1/4" x 51-1/4" / 1302mm x 1302mm	<b>W51.250</b> (1302 mm)	<b>L51.250</b> (1302 mm)		
	<b>4050</b> 51-1/4" x 63-1/4" / 1302mm x 1607mm	<b>W51.250</b> (1302 mm)	<b>L63.250</b> (1607 mm)		
	<b>4060</b> 51-1/4" x 75-1/4" / 1302mm x 1911mm	<b>W51.250</b> (1302 mm)	<b>L75.250</b> (1911 mm)		
	<b>4070</b> 51-1/4" x 87-1/4" / 1302mm x 2216mm	<b>W51.250</b> (1302 mm)	<b>L87.250</b> (2216 mm)		
	<b>4080</b> 52-1/4" x 100-1/4" / 1327mm x 2546mm	<b>W52.250</b> (1327 mm)	<b>L100.250</b> (2546 mm)		
	<b>40100</b> 52-1/4" x 123-1/4" / 1327mm x 3131mm	<b>W52.250</b> (1327 mm)	<b>L123.250</b> (3131 mm)		
	<b>5050</b> 63-1/4" x 63-1/4" / 1607mm x 1607mm	<b>W63.250</b> (1607 mm)	<b>L63.250</b> (1607 mm)		
	<b>5060</b> 63-5/8" x 75-5/8" / 1616mm x 1921mm	<b>W63.625</b> (1616 mm)	<b>L75.625</b> (1921 mm)		
	<b>5558</b> 67-3/4" x 70-3/4" / 1721mm x 1797mm	<b>W67.750</b> (1721 mm)	<b>L70.750</b> (1797 mm)		
	<b>5070</b> 63-1/4" x 87-1/4" / 1607mm x 2216mm	<b>W63.250</b> (1607 mm)	<b>L87.250</b> (2216 mm)		
	<b>5080</b> 63-1/4" x 99-1/4" / 1607mm x 2521mm	<b>W63.250</b> (1607 mm)	<b>L99.250</b> (2521 mm)		
	<b>50100</b> 63-1/4" x 123-1/4" / 1607mm x 3131mm	<b>W63.250</b> (1607 mm)	<b>L123.250</b> (3131 mm)		

Use **CUST** for Custom sized units.      **W**\_\_\_\_ Custom Width    **L**\_\_\_\_ Custom Width

Lens Colors	Unit Type	Continuous Venting	Skylight Frame Finish	Options
<b>LENSWH</b> White (Single Glaze Default) <sup>1</sup>	<b>800MD</b> Standard Frame	<b>(blank)</b> No venting	<b>MI</b> Mill (Default)	<b>(blank)</b> No Options
<b>LENSCL</b> Clear <sup>1</sup>	<b>800SC</b> So-Cal Skylight	<b>1BL</b> 1 Blade Continuous Vent	<b>WH</b> White	<b>FMRTG</b> Factory Mutual Approved <sup>4,5</sup>
<b>LENSWHCL</b> White Clear <sup>2</sup>	<b>805SC</b> Continuous Vent	<b>2BL</b> 2 Blade Continuous Vent	<b>BZ</b> Bronze	<b>HVHZ</b> High Velocity Hurricane Zone <sup>4,5</sup>
<b>LENSCLWH</b> Clear White (Double Glaze Default) <sup>2</sup>		<b>3BL</b> 3 Blade Continuous Vent	<b>CF</b> Custom	<b>CE</b> European Standard Certified <sup>4</sup>
<b>LENSWHWH</b> White White <sup>2</sup>		<b>4BL</b> 4 Blade Continuous Vent		<b>LARR</b> Los Angeles Approved <sup>4</sup>
<b>LENSCLCL</b> Clear Clear <sup>2</sup>		<b>5BL</b> 5 Blade Continuous Vent		<b>ITBR</b> Insulated Thermal Break
<b>LENSWHWHWH</b> White White White <sup>3</sup>		<b>6BL</b> 6 Blade Continuous Vent		<b>NITBR</b> No Insulated Thermal Break
<b>LENSCLCLCL</b> Clear Clear Clear <sup>3</sup>		<b>7BL</b> 7 Blade Continuous Vent		<b>WSW</b> Weather Sweep <sup>6</sup>
<b>LENSCLWHCL</b> Clear White Clear (Triple Glaze Default) <sup>3</sup>		<b>8BL</b> 8 Blade Continuous Vent		<b>NWSW</b> No Weather Sweep
<b>LENSWHCLWH</b> White Clear White <sup>3</sup>		<b>9BL</b> 9 Blade Continuous Vent		<b>SCRN</b> Bug Screen <sup>7</sup>
<b>LENSCLWHWH</b> Clear White White <sup>3</sup>		<b>10BL</b> 10 Blade Continuous Vent		
<b>LENSWHCLCL</b> White Clear Clear <sup>3</sup>				

- 1) Single Glaze
- 2) Double Glaze
- 3) Triple Glaze
- 4) Certified units can ONLY be Single or Double Glazed, and are NOT available for the following sizes: 20100, 30100, 40100, 5558, 50100
- 5) FMRTG and HVHZ options available only with CC1HVHZ or CC1 Lens Material only
- 6) Weather Sweep available with Mill finish only
- 7) Bug Screen available with Continuous Venting units only

