

Signature™ Series Dome

Fixed Industrial Skylight



SIG | Frame Model 800MD

AVAILABLE CERTIFICATIONS

FM Approval # 4431
 FBC 2020 - FL14086-R4 HVHZ Approved
 Miami-Dade County, Florida, NOA No. 21-0318.03,
 Expiration Date 05/20/2026
 UL Listed
 NFRC Certified
 CE Certified
 Class 3 and Class 4 Hail Ratings Available



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

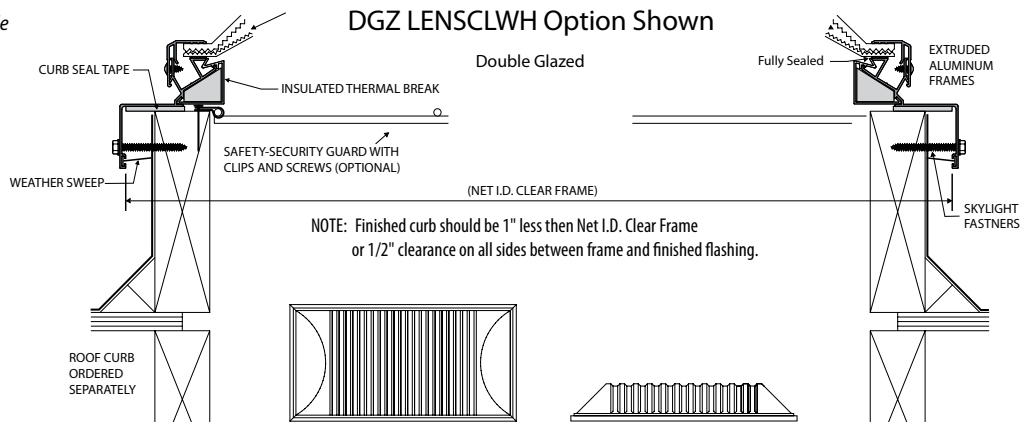
Note: Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice.



PRODUCT PROFILE

Details Not To Scale



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 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 and/or polycarbonate glazing shall be separated from the skylight frame with a Silicon Seal.

Skylights shall be glazed using 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.

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/CSA101/1.S.2/A440 to comply with 800MD frame section 2405.5 of the International Building Code.

Certain airborne contaminants can diminish the integrity of acrylic and/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 Performance Grade Ratings

Short Description	Design Pressure
Acrylic Skylight (Class 3)	30 PSF
Polycarbonate Skylight	40 PSF
HVHZ Skylight	60 PSF

Rates based on FGIA. See building standard AAMA/WDMA/CSA101/1.S.2/A440

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. Size units up to 5080 with 800MD frame are tested and listed for HVHZ.

Sunoptics HVHZ skylights are Miami-Dade County Product Control Approved.

Skylight Hail Class Rating

Material Type	Lens Material	Resistance Rating	Hail Size
Acrylic	CC2CL3	≤ Class 3	1-3/4"
Polycarbonate over Acrylic	CC1CC2	≤ Class 4	2"
Polycarbonate	CC1	≤ Class 4	2"

Skylight Thermal Performance

Type	SHGC	U-Value	VLT
Single Glazed	.68	n/a	.74
Double Glazed Clear/White	.42	.70	.68
Doubled Glazed White/White	.31	.70	.64
Triple Glazed White/White/Clear	.26	.57	.62
Double Glazed over Flat White/White/White	.20	.36	.60

Cleaning Plastic 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.

ORDERING LOGIC

Signature™ Series Dome



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	CC2CL3 Acrylic Class 3
	2080	27-1/4" x 99-1/4"	W27.250 Width 27.250 inches	L99.250 Length 99.250 inches	TGZ Triple Glaze	CC1CC2 Poly/Acrylic
	20100	27-1/4" x 123-1/4"	W27.250 Width 27.250 inches	L123.250 Length 123.250 inches	DGF Double Glazed over Flat	CC1P125 1/8" Poly (Only available for skylights with a width of up to 52-1/4")
	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 99-1/4"	W63.250 Width 63.250 inches	L99.250 Length 99.250 inches		
50100	63-1/4" x 123-1/4"	W63.250 Width 63.250 inches	L123.250 Length 123.250 inches			
	Use CUST for Custom sized units.*	W _____ Custom Width*	L _____ Custom Length*			

IMPORTANT: Consult factory for anything outside of minimum and maximum range.
 Min/Max Width: 27.250 inches / 63.250 inches
 Min/Max Length: 27.250 inches / 123.250 inches



Lens Color	Unit Type	Skylight Frame Finish	Options
LENSWH White (Single Glaze Default) ¹	800MD Standard Frame	MI Mill (Default)	(blank) No Options
LENSCL Clear ¹	800SC So-Cal Skylight	WH White	FMRTG Factory Mutual Approved
LENSWHCL White Clear ²		BZ Bronze	HVHZ High Velocity Hurricane Zone/ Miami Dade NOA***
LENSLWH Clear White (Double Glaze Default) ²		CF Custom	CE European Standard Certified
LENSWHWH White White ²			ITBR Insulated thermal break ¹
LENSCLCL Clear Clear ²			NITBR No Insulated Thermal Break ^{2,3}
LENSWHWHWH White White White ³			WSW Weather Sweep** ¹
LENSCLCLCL Clear Clear Clear ³			NWSW No Weather Sweep ^{2,3}
LENSLWHCL Clear White Clear (Triple Glaze Default) ³			
LENSWHCLWH White Clear White ³			
LENSLWHWH Clear White White ³			
LENSWHCLCL White Clear Clear ³			

* mold fee may apply ** weather sweep available with Mill finish only ***Select CC1CC2 Lens material for HVHZ skylights (includes: FL 14086-R4 & Miami-Dade County, Florida, NOA No. 21-0318.03. Exp: 05/20/26).
 1) Single Glaze 2) Double Glaze 3) Triple Glaze



800MD_SSD_Fixed Industrial Skylight