We put our *Signature* on it!



Signature Series™ **800MD**
High Performance Prismatic Skylight

FM APPROVED

VSH RATED

MIAMI-DADE COUNTY APPROVED

Patented Prismatic Polycarbonate Performance

- FGIA Certified
- FM Approved #4431
- High-Velocity Hurricane Zone (HVHZ) Approved, FBC 2020, FL14086-R4
- Miami-Dade County, Florida Approved, NOA #21-0318.03
- NFRC Certified
- Very Severe Hail (**VSH**) Rated



SUNOPTICS®

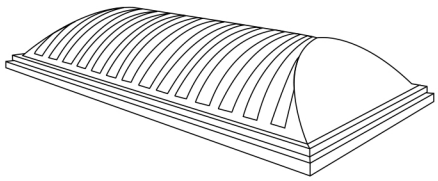
Toll Free (800) 289-4700 | Email: sales@sunoptics.com

WWW.SUNOPTICS.COM

The Originator and Inventor of the Modern Prismatic Skylight

Since **1978**

(C) Sunoptics, Inc. 2024 | Rev 09_2024



Signature Series™ 800MD

Fixed Industrial Skylight

SUNOPTICS®

SMD | 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 4 Hail Ratings Available

FM APPROVED

MIAMI-DADE COUNTY APPROVED

PRODUCT PROFILE

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

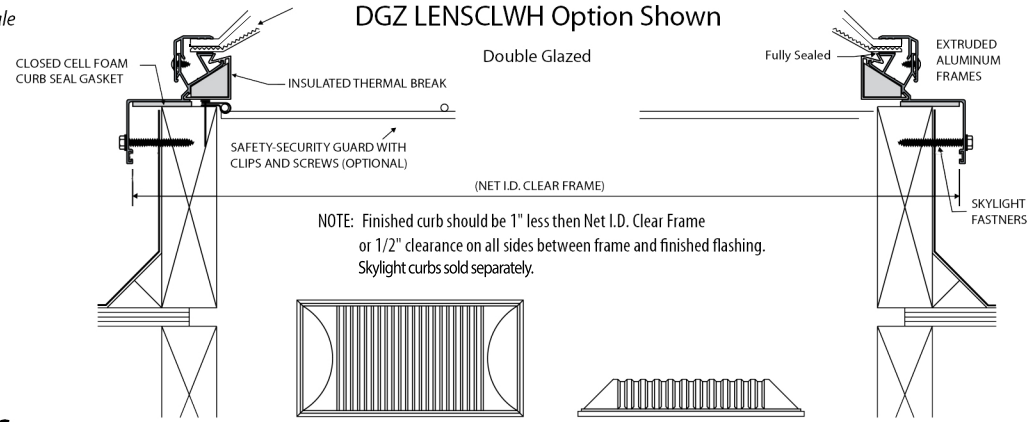
Note: Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice.

Buy American

Details Not To Scale

DGZ LENSCLWH Option Shown



SPECIFICATIONS

Skylights shall be Sunoptics model 800MD (curb mounted) as manufactured by 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 glazed using CC1 rated, Prismatic polycarbonate in a Signature Series Dome configuration.

FM Approved Prismatic Skylights shall be Double glazed using CLEAR ARMOUR® Clear Polycarbonate over CLEAR ARMOUR® High White Polycarbonate 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/I.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.

Size	ID Frame Call-Out	ID Frame Width		ID Frame Length	
4040	51-1/4" x 51-1/4"	W51.250	Width 51.250 inches	L51.250	Length 51.250 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
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
5080	68-1/4" x 99-1/4""	W63.250	Width 63.250 inches	L99.250	Length 99.250 inches

Glazing

SGZ	Single Glaze
DGZ	Double Glaze

Lens Material

CC1	Polycarbonate
CC1CC2	Poly/Acrylic
CC1P125	1/8" Polycarbonate

Frame Type

800MD	Standard Frame

Lens Color

LENSWH	White (Single Glaze Default) [1]
LENSCLWH	Clear White (Double Glaze Default) [2]
LENSOPOP	Opaque White White

Note: Multi-glazed units default to include Insulated Thermal Break (ITBR), Closed Cell Foam Curb Seal Gasket, 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 ±60.0psf 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
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	.48	.72	.67

Skylight Performance Grade Ratings

Short Description	Design Pressure
Polycarbonate Skylight	40 PSF
HVHZ Skylight	60 PSF

Rates based on FGIA. See building standard AAMA/WDMA/CSA/101/I.S.2/A440

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.