

We put our *Signature* on it!

Signature Series™ High Performance Prismatic Skylight



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, Exp. 05/20/26
- NFRC Certified
- Class 4 Hail Rating



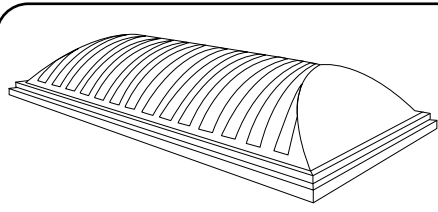
P.O. Box 780249, Tallahassee, AL 36078
Toll Free (800) 289-4700

WWW.SUNOPTICS.COM



**The Originator and Innovator of the
High Performance Prismatic Skylight**

45th
Anniversary
1978 - 2023



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 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.sunoptics.com for additional information.

Warranty: 10-year and 15-year limited warranty available. Complete warranty terms located at: www.sunoptics.com

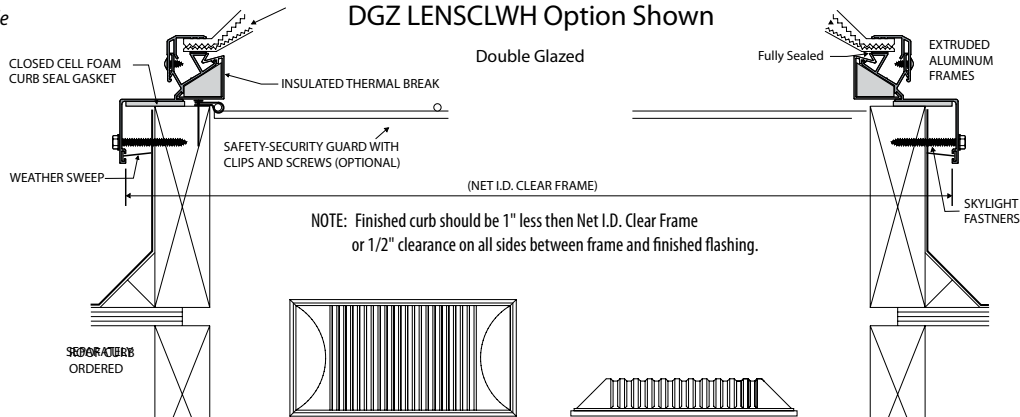
Note: Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice.



PRODUCT PROFILE

Details Not To Scale



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/CSA101/1.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.

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/101/1.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.

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

Glazing	Lens Material	Frame Type	Lens Color
SGZ Single Glaze	CC1 Polycarbonate	800MD Standard Frame	LENSWH White (Single Glaze Default) ¹
DGZ Double Glaze	CC1CC2 Poly/Acrylic		LENSCLWH Clear White (Double Glaze Default) ²
	CC1P125 1/8" Polycarbonate		



THE BEST OPTION FOR SKYLIGHT REPLACEMENTS

Experience the Sunoptics Advantage

When working on a roof, consider inspecting the skylights to ensure they are still in good working order. Over time, they may need to be replaced. Indicators that a skylight needs to be replaced include yellowing, cracking, leaking and/or excessive condensation.

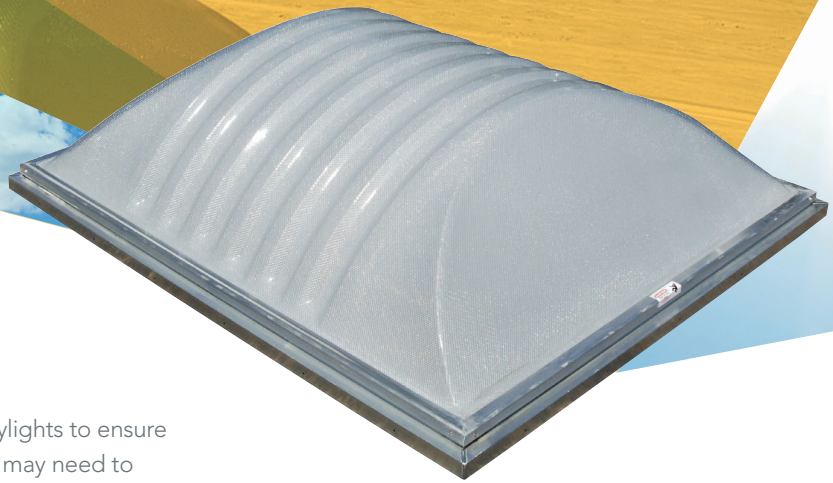
Should you need to replace the skylights, consider using Sunoptics® skylights as your first choice.

Sunoptics offers an assortment of quality skylight products, available in both standard and custom sizes to accommodate your project needs. Our fully-prismatic skylights feature Sunoptics' prismatic optical technology on both the outer and the inner lenses to provide 100% diffuse, glare-free light.

Sunoptics Signature Series™ double-glazed skylights include premium features such as all-aluminum frames with condensation gutters and true integrated thermal breaks to provide worry-free leak protection — at no additional cost. For ease of installation, they also come standard with pre-installed foam curb-seal tape and stainless-steel fasteners. Compare us to other skylight manufacturers to see the Sunoptics advantage.

For added durability in storm-prone areas, all Sunoptics ClearArmour® polycarbonate prismatic skylights are resistant to Class 4 hail and are FM Rated and HVHZ hurricane-zone approved options, including Miami-Dade County, FL, NOA No. 21-0318.03, exp 5/20/26.

@Sunoptics, we believe **There's No Greater Efficiency than Off!**®



Skylight Features:

- ▶ FGIA Certified
- ▶ FM Approved #4431
- ▶ HVHZ Approved
- ▶ Class 4 Hail Ratings
- ▶ NFRC Certified
- ▶ Multiple sizes and glazing options
- ▶ Quick turn-around time

up to **15-Yr***
Warranty

100%
Diffused Light

*See Warranty for complete description and options.

For questions or additional information, please contact a Sunoptics® representative.

Via our website:

www.sunoptics.com

By phone: 800.289.4700

Email: SunopticsInsideSales@sunoptics.com





**STATEMENT OF LIMITED WARRANTY
FOR SUNOPTICS, INC
06/01/2023**

Subject to the exclusions set forth below, Sunoptics, Inc warrants its products (“Product(s)”) as set forth in the applicable table below, from the date of shipment from Sunoptics, Inc.’s facilities.

PRODUCT	LIMITED WARRANTY OFFERING	TERM
Polycarbonate Prismatic Skylight Models: SMD, SSC	Leak Free* *No water leak to occur in properly installed Product(s)	15 Years from date of shipment
Polycarbonate Prismatic Skylight Models: SMD	Hail Damage Class 4 Resistant* *No cracking or breaking to occur due to hail up to 2” in diameter (the occurrence of hail within such limits at the original installed location must be verifiable through National Weather Service records)	15 Years from date of shipment
Polycarbonate Prismatic Smoke Vent Models: SVT2	Leak Free* *No water leak to occur in a properly installed Product(s). Free from malfunctioning mechanism that could cause a false opening.	10 Years from date of shipment
Polycarbonate Prismatic Smoke Vent Models: SVT2	Hail Damage Class 4 Resistant* *No cracking or breaking to occur due to hail up to 2” in diameter (the occurrence of hail within such limits at the original installed location must be verifiable through National Weather Service records)	10 Years from date of shipment
Polycarbonate Prismatic Skylights and Smoke Vents: All Models	The warranty against excessive yellowing applies only to clear prismatic polycarbonate products. The Yellowness Index (YI) increase of the Product shall be determined according to ASTM D 1925. The warranty applies when product exhibits a YI increase (from initial manufactured value) of more than 5 during a five-year period from the date of sale, or of more than 10 during a ten-year period from the date of sale as measured in each case with a certified colorimeter in accordance with ASTM D 1925 standards.	5 Years from date of shipment (YI≤5.0) 10 Years from date of shipment (YI≤10.0)
All products listed above, Steel Curbs, and Multi-Light Skylights	Free from defect in material and workmanship	5 Years from date of shipment
All other Products not listed above	Free from defect in material and workmanship	90 Days from date of shipment



Finish of materials are not warranted against fading or chalking, as Product(s) may naturally fade or chalk over time due to normal aging. Minor imperfections and/or variances within plastic material incorporated into the Product(s) that do not affect the performance of the Product(s) are not warranted hereunder. Condensation associated with the Product(s) (and any related water damage), which may occur as a natural result of high humidity or a variation between indoor and outdoor temperatures, is not a defect and is not covered under this Limited Warranty. This Limited Warranty only covers Product function and does not cover existing building systems and/or performance of any Product(s) or field adjustments of any Product(s) done by anyone that has not been authorized or certified in writing by Sunoptics, Inc.

Except as otherwise set forth herein, Sunoptics, Inc. does not warrant third party components, third party installation/maintenance/repair services, or other professional services. Applicable third-party manufacturers or third-party service providers shall be solely responsible for the cost related to any claims associated with any such third-party device or third-party services. Assistance with warranty claims for any such third-party component(s), and/or copies of each applicable manufacturer's warranty, may be obtained from an authorized Sunoptics, Inc. representative, if available. This Limited Warranty only applies to the Product(s) when sold for commercial / industrial purposes.

This Limited Warranty applies only when the Product(s) are installed in applications in which ambient temperatures are within the range of specified operating temperatures between -20°C to 140°C. Sunoptics, Inc. will not be responsible under this Limited Warranty for any failure of the Product(s) that results from external causes such as: acts of nature, including but not limited to excessive or harmonic winds, ice, or other related storm activity; physical damage; exposure to adverse or hazardous chemical or other substances; use of reactive cleaning agents and/or harsh chemicals to clean the Product(s); external site conditions, including but not limited to: accumulation of debris (natural or otherwise), heavy tree cover, environmental conditions, including but not limited to: exposure to harsh, corrosive, marine or high-humidity conditions; vandalism; terroristic acts; fire; induced vibration; harmonic oscillation, or resonance associated with movement of air currents around Product(s); animal or insect activity; fault or negligence of purchaser, any end-user of the Product(s) and/or any third party not engaged by Sunoptics, Inc.; improper or unauthorized access or use, installation, handling, storage, alteration, maintenance or service; failure to abide by any product classifications or certifications; failure to comply with any applicable standards, codes, recommendations, product specification sheets, or instructions of Sunoptics, Inc; failure of the end-user to provide full and complete requested data; use of the Product(s) with products, processes or materials supplied by any end-user or third party; or any other occurrences beyond Sunoptics, Inc.'s reasonable control. Sunoptics, Inc. also will not be responsible under this Limited Warranty for any substantial deterioration in the Product finish that is caused by failure to clean, inspect, or maintain the finish of the Product(s). If the Product(s) are used on existing foundations, roofs, buildings, anchorages or structures, the end-user is solely responsible for the structural integrity of such existing foundations, roofs, buildings, anchorages or structures and all consequences arising from their use. Adequate records of operating history, maintenance, and/or testing (as applicable) must be kept by the end-user and provided to Sunoptics, Inc. upon request to substantiate that the Product(s) have failed to comply with the terms of this Limited Warranty. Except as may be expressly provided in this Limited Warranty, neither polycarbonate nor acrylic material used in the Products is warranted against yellowing, crazing, or cracking, as yellowing, crazing and/or cracking may naturally occur over time due to normal aging. The Product(s) are not warranted against: cosmetic problems or defects that result in normal wear and tear, including surface crazing, superficial cracking or minor cosmetic imperfections that do not pose an internal building leak issue, that could also incur under ordinary use and that do not affect the performance or use of the Product(s); nor are the Products warranted against costs that may be incurred in connection with changes or modifications to the Product(s) required to accommodate site conditions and/or faulty building construction or design; or failures of Sunoptics, Inc. Product(s) resulting from installation or use of aftermarket third party supplied products, components, or materials.

The determination of whether any Product(s) fail to comply with the terms of this Limited Warranty shall be made by Sunoptics, Inc. in its sole discretion, with consideration given to the overall performance of the Product(s) as compared to the expected performance per the applicable spec sheet. If the Product(s) are within the warranty period, and Sunoptics, Inc. has received payment in full for the Product(s), and Sunoptics, Inc. determines to its satisfaction that the Product(s) fail to comply with the terms of this Limited Warranty, Sunoptics Inc., at its option, will service, repair or replace the Product(s) with the same or a functionally equivalent Product(s) or component part(s), which may not be identical to the original. Sunoptics, Inc. reserves the right to utilize new, reconditioned, refurbished, repaired, or remanufactured Product(s) or parts in the warranty repair or replacement process. For purposes of clarity, this Limited Warranty does not include any removal or reinstallation costs or expenses, including without limitation any labor costs, equipment or other expenses required to remove and/or reinstall original or replacement Product(s) and/or parts. This Limited Warranty extends only to the Product(s) as delivered to, and is for the sole and exclusive benefit of, the original end-user of the Product(s) at the original location. This Limited Warranty may not be transferred or assigned by the original end-user.

The repair or replacement of any Product(s) or component part within the Product(s) is the sole and exclusive remedy for failure of the Product(s) to comply with the terms of this Limited Warranty and does not extend the warranty period. Warranty claims regarding the Product(s) must be submitted in writing within thirty (30) days of discovery of the defect or failure to an authorized Sunoptics, Inc. post-sales or customer service representative. Product(s) or component part(s) may be required to be returned for inspection and verification of non-conformance by Sunoptics, Inc., but no Product(s) or component part(s) will be accepted for inspection, verification or return unless accompanied by a "return authorization number" which can be obtained only from an authorized Sunoptics, Inc. post-sales or customer service representative. Sunoptics, Inc. is not responsible for any costs, expenses, or damages that may occur in connection with



shipment of Product(s) to Sunoptics, Inc., but Sunoptics, Inc. shall bear all cost and expense incurred in connection with shipment of replacement Product(s) to the end-user so long as Sunoptics, Inc. has sole control over all aspects of shipment, including but not limited to Sunoptics, Inc. shipping directly to the end-user. In no event will Sunoptics, Inc. accept any other charges related to shipment by any other party. Replacement Product(s) and/or parts provided under the terms of this Limited Warranty are warranted for the remainder of the warranty period as if such Product(s) and/or parts were the original components.

THE FOREGOING WARRANTY TERMS ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, AND SUNOPTICS, INC. EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, RELATING DIRECTLY OR INDIRECTLY TO THE PRODUCT(S), WHETHER ORAL, WRITTEN, OR ARISING BY COURSE OF DEALING OR USAGE OF TRADE, INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. NO AGENT, DISTRIBUTOR OR OTHER SUPPLIER OF SUNOPTICS, INC. PRODUCTS HAS THE AUTHORITY TO MODIFY OR AMEND THIS WARRANTY WITHOUT EXPRESS WRITTEN AUTHORIZATION FROM SUNOPTICS, INC.

The total liability of Sunoptics, Inc. on any and all claims of any kind, whether in contract, warranty, tort (including negligence), strict liability or otherwise, arising out of or in connection with, or resulting from, Sunoptics, Inc.'s performance or breach of this Limited Warranty, or from Sunoptics, Inc.'s sale, delivery, resale, repair, or replacement of any Product(s) or the furnishing of any services, shall in no event exceed the purchase price allocable to the Product(s) that give rise to the claim, and any and all such liability shall terminate upon the expiration of the warranty period specified above. Sunoptics, Inc. shall not be liable for damages caused by any delays involving warranty services.

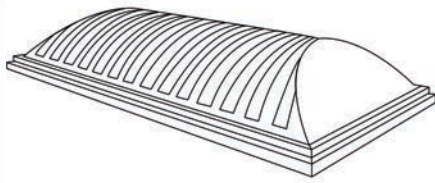
IN NO EVENT SHALL SUNOPTICS, INC. BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL, EXEMPLARY OR PUNITIVE DAMAGES, EVEN IF INFORMED OF THE POSSIBILITY OF SUCH DAMAGES, WHETHER AS THE RESULT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY, OR ANY OTHER THEORY, INCLUDING WITHOUT LIMITATION LABOR OR EQUIPMENT REQUIRED TO REMOVE AND/OR REINSTALL ORIGINAL OR REPLACEMENT PARTS, LOSS OF TIME, PROFITS OR REVENUES, LACK OR LOSS OF PRODUCTIVITY, INTEREST CHARGES OR COST OF CAPITAL, COST OF SUBSTITUTE EQUIPMENT, SYSTEMS, SERVICES OR DOWNTIME COSTS, DAMAGE TO OR LOSS OF USE OF PROPERTY OR EQUIPMENT OR ANY INCONVENIENCE ARISING OUT OF ANY BREACH OF THE FOREGOING WARRANTY OR OBLIGATIONS UNDER SUCH WARRANTY.

Some states do not allow limitation or exclusion of damages or implied warranties, so the above exclusions may not apply to you. This Limited Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Sunoptics, Inc. reserves the right to modify or discontinue this Limited Warranty without notice, provided that any such modification or discontinuance will only be effective with respect to any Product(s) purchased after such modification or discontinuance. If there is any conflict or inconsistency between the English language version of this Limited Warranty and any version translated into any other language, the English language version shall prevail. Trademarks referenced are trademarks of Sunoptics, Inc. and if marked with the ® symbol are registered in the U.S. and may be registered in other countries.

The document, including the Limited Warranty shall be construed and enforced in the accordance with the laws of the State of Alabama and the applicable laws of the United States.

NOTE: The Product(s) must be returned within ten (10) days after receiving the return authorization number and the shipping box must be clearly marked with the return authorization number. Failure to follow this procedure will delay any potential warranty resolution. Product(s) returned without a valid return authorization number will either be refused or returned to sender at sender's expense. NO PRODUCT RETURNS WILL BE ACCEPTED BY SUNOPTICS, INC. IF NOT ACCOMPANIED BY A VALID RETURN AUTHORIZATION NUMBER.



Signature Series™ Single Glazed Skylight Fixed Industrial Skylight



SIG | Frame Model 800MD

AVAILABLE CERTIFICATIONS

FM Approval # 4431
NFRC Certified
Class 4 Hail Ratings Available



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 [Build America, Buy America Act](#) federal website for additional information.

Warranty: 10-year and 15-year limited warranty available. Complete warranty terms located at: www.sunoptics.com

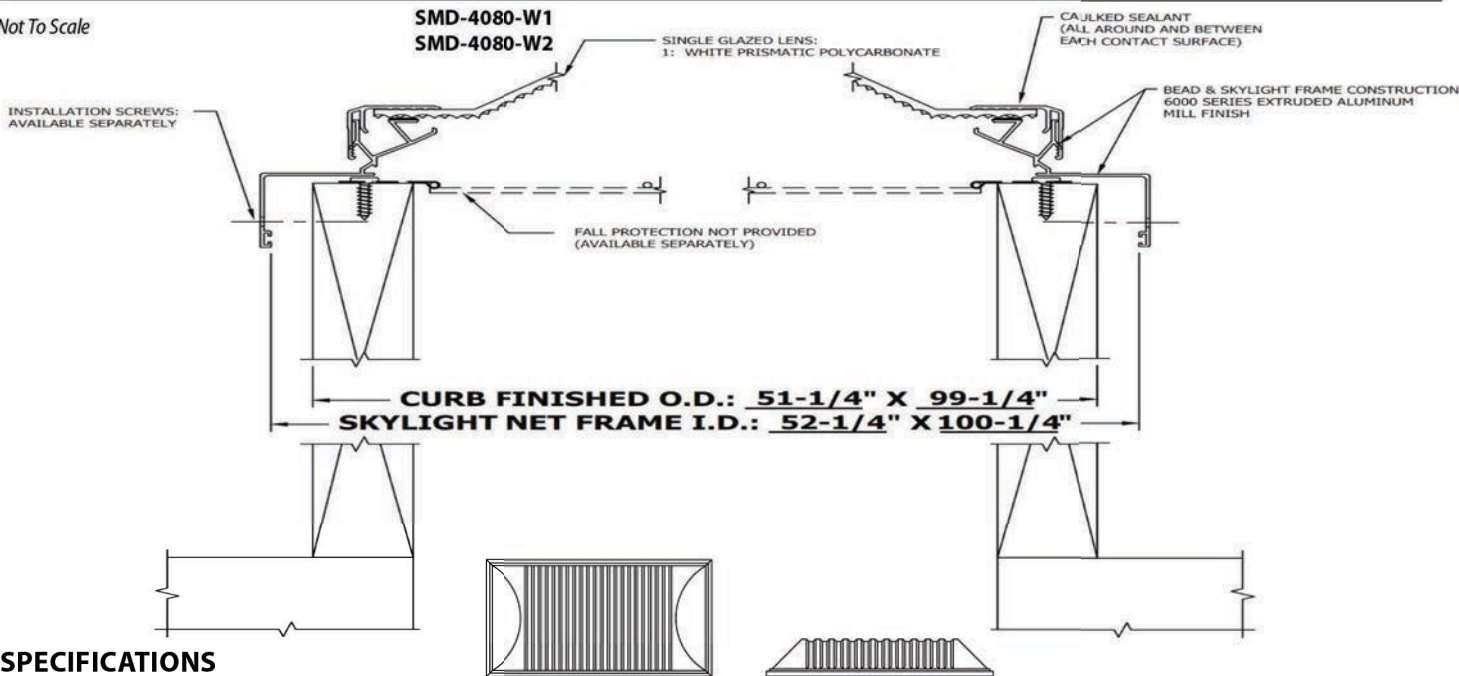
Note: Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice.



Buy American

Details Not To Scale



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 Siliccn Seal.

Skylights shall be glazed using CC1 rated, Prismatic polycarbonate in a Signature Series Dome configuration.

FM Approved Prismatic Skylights shall be single glazed using CLEAR ARMOUR® High White Polycarbonate lens, CC1P165 material.

FM Approved Skylights shall be tested and approved under Factory Mutual #4431 testing method for fixed skylights. Class A / CC1 flame rating. Standard Size 4080 size units 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 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.

Rates based on FGIA. See building standard AAMA/WDMA/CSA/101/1.S.2/A440

Skylight Hail Class Rating

Material Type	Lens Material	Resistance Rating	Hail Size
Polycarbonate - W2	CC1P165	Class 4	2"
Polycarbonate - W1	CC1P125	n/a	n/a

Skylight Thermal Performance

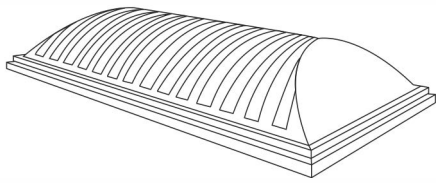
Type	SHGC	U-Value	VT
Single Glazed	.68	n/a	.74

Skylight Performance Grade Ratings

Short Description	Design Pressure
Polycarbonate Skylight	40 PSF

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.



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,
 NFRC Certified
 CE Certified
 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 [Build America, Buy America Act](#) federal website for additional information.

Warranty: 10-year and 15-year limited warranty available. Complete warranty terms located at: www.sunoptics.com

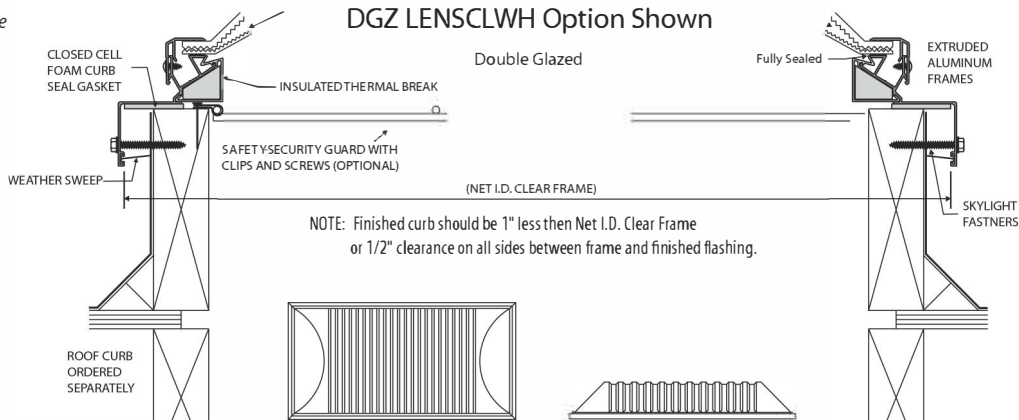
Note: Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice.



PRODUCT PROFILE

Details Not To Scale



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 lens 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/CSA 101/1.5.2/A440 to comply with 800MD frame section 2405.5 of the International Building Code.

Certain airborne contaminants can diminish the integrity of polycarbonate / acrylic 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.

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 ±60.0 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
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

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.

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/101/1.5.2/A440

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	4040	51-1/4" x 51-1/4"	W51.250 Width 51.250 inches	L51.250 Length 51.250 inches	SGZ Single Glaze	CC1 Polycarbonate
	4060	51-1/4" x 75-1/4"	W51.250 Width 51.250 inches	L75.250 Length 75.250 inches	DGZ Double Glaze	CC1CC2 Poly/Acrylic
	4070	51-1/4" x 87-1/4"	W51.250 Width 51.250 inches	L87.250 Length 87.250 inches		CC1P125 1/8" Poly (Only available for skylights with a width of up to 52-1/4")
	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	63-1/4" x 99-1/4"	W63.250 Width 63.250 inches	L99.250 Length 99.250 inches		

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Lens Color	Unit Type	Skylight Frame Finish	Options
LENSWH White (Single Glaze Default) ¹	800MD Standard Frame	MI Mill (Default)	(blank) No Options
LENSCLWH Clear White (Double Glaze Default) ²			FMRTG Factory Mutual Approved HVHZ High Velocity Hurricane Zone/ Miami Dade NOA***

***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



800MD_SSD_Fixed Industrial Skylight