

Product Evaluation Report

Report No. ACE-PER-1255, Rev. 0 | Project No. ACE-2026-153 | 9/7/26 | Page 1 of 3

Manufacturer

Sunoptics, Inc
20215 Rifle Range Road
Tallassee, AL 36078

Product Series, Model and/or Description

Sunoptics Model 900MD Signature Curb Mounted Skylight

Code: Current Edition of the Florida Building Code including the 9th Edition (2026) Florida Building Code

Compliance Methods: Product Approval Rule 61G20-3.005(1)(d) – Product Evaluation Report by a Licensed Professional Engineer

Product Category: Sky Lights

Product Sub-Category: Skylight

Product Installation

Instructions:

- Drawing No. SUN0005, Rev. 0, dated 9/7/26, Sunoptics Model 900MD Signature Curb Mounted Skylight, Installation Anchorage Details, signed and sealed by Robert J. Amoruso, P.E.

Engineering Analysis: The following engineering and/or rational analysis/calculations have been performed.

- Anchorage and product verification have been substantiated by calculation (Report. No. ACE-CALC-1255) prepared, signed, and sealed by Robert J. Amoruso, P.E. in accordance with the current edition of the Florida Building Code.

Performance Testing Standards:

- TAS201-94, Impact Test Procedures.
- TAS202-94, Criteria for Testing Impact & Non-Impact Resistant Building Envelope Components Using Uniform Static Air Pressure.
- TAS203-94, Criteria for Testing Products Subjected to Cyclic Wind Pressure Loading.

Product Testing:

- Test Report No. R9624.01-301-18-R1, dated 12/16/24 4 By Intertek Testing and Associated Laboratory Stamped Drawings, Signed and Sealed by Tyler Westerling, FL PE No. 72012.
- Test Report No. R9625.01-301-18-R0, dated 11/13/24 By Intertek Testing and Associated

Amoruso Consulting Engineering, LLC
FBPE Registration No. 38327
Robert J. Amoruso, FL P.E. No. 49752

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Laboratory Stamped Drawings, Signed and Sealed by Tyler Westerling, FL PE No. 72012.

- Margin of Safety = 3 applied to positive load and 2 to negative load to Structural Design Pressure per FBC and MD FAQ (<http://www.miamidade.gov/building/products/skylights.asp>).

Material Certifications:

- Glazing
 - EXTERIOR 0.230" thick Palram Americas Clear polycarbonate panels per latest MD Notice of Acceptance (NOA) found [here](#).
 - INTERIOR 0.125" thick Palram Americas White polycarbonate panels per latest MD Notice of Acceptance (NOA) found [here](#).

Limitations & Conditions of Use:

- This product has been evaluated for use inside the HVHZ (High Velocity Hurricane Zone)
- This product is Impact Resistance. Therefore, a protective impact-rated device (i.e., shutter(s)) is not required.
- Refer to Product Installation Instructions noted above for:
 - Maximum allowable wind loads at related maximum allowable size(s).
 - Overall dimensions and material/grade of main product components, accessories, etc.
 - Illustrated diagrams of the attachment of the product to the structure.
 - Anchor type(s), size(s), substrate(s), embedment, edge distance, and spacing/locations.
- Site wind pressures shall be determined by a licensed professional engineer in accordance with the current edition of the Florida Building Code (and/or ASCE 7 as referenced in the current edition of the Florida Building Code) for components and cladding based on allowable stress design.
- Site conditions not covered in this product evaluation document are subject to additional engineering analysis by a licensed professional engineer or registered architect as required by the authority having jurisdiction.
- Adequacy of the existing structural substrates as a main wind force resisting system capable of withstanding and transferring applied product loads to the foundation is the responsibility of the licensed professional engineer or registered architect acting as the design professional of record for the project of installation.

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Certificate of Independence per Product Approval Rule 61G20-3.009

Robert J. Amoruso, P.E., does not have, nor will acquire, any financial interest in the company manufacturing or distributing product(s) covered by this Product Evaluation Report.

Robert J. Amoruso, P.E., does not have, nor will acquire any financial interest in any other entity involved in the approval process or testing of the product(s) covered by this Product Evaluation Report.



Digitally signed
by Robert J
Amoruso
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Evaluated by:
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