

Equivalency Evaluation Report

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Product Manufacturer

Natural Light Energy Systems
10821 N. 23rd Avenue
Phoenix, AZ 85029

Product Name, Model and/or Description

Single Glazed, Self-Flashing, Tubular Skylight in 21",
18", 13" and 10" Nominal Diameters

Code: Current Edition of the Florida Building Code including the 7th Edition (2020) Florida Building Code

Compliance Method: Product Approval Rule 61G20-3.015(4)(d) – Equivalency of Standards

Product Testing, Materials and Certification:

- Performance Testing Standards used for this product approval:
 - TAS 201-94 - Impact Test Procedures
 - TAS 202-94 - Criteria for Testing Impact; Non-impact Resistant Building Envelope Components Using Uniform Static Air Pressure
 - TAS 203-94 - Criteria for Testing Products Subject to Cyclic Wind Pressure Loading
- Test Report
 - Hurricane Test Laboratory, Inc. Test Report No. 0290-0318-02 / 0290-0604-02, Dated March 29, 2002 / June 3, 2002, Single Glazed, Self-Flashing, Tubular Skylight. Signed and sealed by Vinu J. Abraham, FL P.E. No. 53820.
- Material Certifications/Component Approvals:
 - Plaskolite, Inc. OPTIX Acrylic Plastic Sheet material certification per current Miami-Dade Notice of Acceptance (NOA). Current Miami-Dade NOA can be found [here](#).

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PERFORMANCE TESTING

The following table shows the performance standards used in testing and those in the current edition of the FBC.

Standard Used in Testing		Current Edition of the Florida Building Code including the 7 th Edition (2020) Florida Building Code		Comments
Description	Revision Level	Building Volume (FBC)	Residential Volume (FRC)	
TAS 201	94	94	94	See Evaluation Below
TAS 202	94	94	94	
TAS 203	94	94	94	

It has been concluded that no material or substantive revisions or changes to the referenced standards above have occurred (where applicable) that affect the results of design, testing or engineering of the approved product(s).

MATERIALS TESTING

Plaskolite, Inc. OPTIX Acrylic Plastic Sheet material properties per current Miami-Dade Notice of Acceptance (NOA) were reviewed for conformance to the current edition of the Florida Building Code including the 7th Edition (2020) Florida Building Code and found to be acceptable.

Current Miami-Dade NOA can be found [here](#).



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Certificate of Independence per Product Approval Rule 61G20-3.009

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Evaluated By:
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