

**TEST REPORT**

**Report No.:** A8865.02-301-41

**Rendered to:**

BRISTOLITE SKYLIGHTS  
Santa Ana , California

TYPE: Dome Assembly Only

SERIES/MODEL: Nano Insulgel - ALT-CM-2-CPM/16 mm CNANO Thermally Broken  
Aluminum Frame / Prismatic over Nano Silica Aerogel filled 16 mm Polycarbonate Multi-  
Wall Glazing

ASTM E 972, *Standard Test Method for Solar Photometric Transmittance of Sheet Materials Using Sunlight.*

ASTM E 1084, *Standard Test Method for Solar Transmittance (Terrestrial) of Sheet Materials Using Sunlight.*

<b>Summary of Results</b>	
Visible Light Transmission	0.48
<b>Unit Size:</b> 48" x 48" (1220mm x 1220 mm)	

**Test Completion Date:** 5/12/11

Reference must be made to Report No. A8865.02-301-41, dated 06/21/11 for complete test specimen description and data.

**1.0 Report Issued To:** Bristolite Skylights  
 401 E. Goetz Ave.  
 Santa Ana , California 92707

**2.0 Test Laboratory:** Architectural Testing, Inc.  
 2524 E. Jensen Ave.  
 Fresno, California 93706  
 (559) 233-8705

**3.0 Test Specimen Description:**

**3.1 Glazing: 1, 2**

<b>Layer 1:</b>	0.174" Clear 100% Impact Modified Prismatic Acrylic with 11" Rise
<b>Layer 2:</b>	16 mm thick Lexan Structured Clear Polycarbonate Nano Insulgel Filled Glazing Panel

The estimated uncertainty for this test is <5%

The uncertainty was determined using ANSI/NCSL Z540-2-1997 type A evaluation as described in section 4.2 of this specification. For assumptions used for this calculation or for a description of the procedure please contact the individual signing this report.

Detailed drawings, representative samples of the test specimen and a copy of this report will be retained by Architectural Testing for a period of four years. This report is the exclusive property of the client so named herein and relates only to the fenestration product tested. This report may not be reproduced, except in full, without the approval of the laboratory.

For ARCHITECTURAL TESTING, INC.

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 Technician

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Tyler Westerling, P.E.  
 Project Engineer

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