

# ASTM C 1363-2005 THERMAL PERFORMANCE TEST REPORT

## Bristolite® Daylighting Systems

SERIES/MODEL: *Coollite*

TYPE: Dome Assembly

### Summary of Results

Standardized Thermal Transmittance (U-Factor)	0.45
Unit Size	47-1/2" x 47-1/2"
Layer 1	0.10" (center thickness) spectrally selective LowE (e=0.40*, #2) acrylic with 7" rise
Layer 2	0.11" (center thickness) clear acrylic with 4-1/2" rise

Reference must be made to Report No. 91955.01-301-46, dated 11/13/09 for complete test specimen description and data.

401 E. Goetz Avenue  
Santa Ana, CA 92707  
Phone: 800.854.8618  
Phone: 714.540.8950  
Fax: 714.540.5415  
sales@bristolite.com  
www.bristolite.com

# ASTM C 1363-2005 THERMAL PERFORMANCE TEST REPORT



Report Number: 91955.01-301-46  
Test Date: 09/23/09  
Report Date: 11/13/09  
Expiration Date: 09/23/13

## Test Sample Identification:

Series/Model: Coollite

Type: Dome Assembly

Overall Size: 47-1/2" x 47-1/2"

Daylight Opening Size: 45" x 45"

Test Sample Submitted by: Client

**Test Procedure:** The thermal transmittance (U) was determined in general accordance with ASTM C 1363-2005, Standard Test Method for the Thermal Performance of Building Assemblies by Means of Hot Box Apparatus .

## Test Results Summary:

Thermal Transmittance (U) 0.45 Btu/hr· ft · F

401 E. Goetz Avenue  
Santa Ana, CA 92707  
Phone: 800.854.8618  
Phone: 714.540.8950  
Fax: 714.540.5415  
sales@bristolite.com  
www.bristolite.com