



Product Evaluation

SK42 | 0915

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: SK-42

Effective Date: September 1, 2015

Re-evaluation Date: December 2018

Product Name: Tubular Skylights “Sun Effects” Model, Impact Resistant

Manufacturer: ODL Incorporated
215 East Roosevelt Ave.
Zeeland, Michigan 49464
Telephone: (616) 772-9111

Distributed by: Attic Breeze
P.O. Box 1318
1370 FM 116
Gatesville, Texas 76528
Telephone: (254) 865-9999

The Tubular skylights “Sun Effects” are skylights with a polycarbonate dome with an aluminum flashing. The tubular skylights specified in this evaluation report are impact resistant skylight. This product evaluation report is for tubular skylights based on the following tested construction:

General Description:

System	Description	Label Rating
1	Sun Effects 10" SE 10 S	R-PG100 356 (14) diameter – Type TDD
2	Sun Effects 14" SE 14 S	

Product Dimensions:

System	Dome Size	Reflective Adjustable Tube Size	Glass Diffuser Lens Assembly	Flashing Size
1	10" x 6-3/4"	9-1/2"	12" Diameter	22" Diameter x 6" H
2	14" x 7-3/16"	13-1/2"	16" Diameter	26" Diameter x 6" H

Product Identification (Certification Label on Skylight):

System		
1, 2	Certification Agency	Keystone
	Manufacturer's Name or Code Name	ODL, Incorporated
	Product Name	Model: SE-10S/14S Poly Dome AL Tube Skylight
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 ASTM E 1886-05, ASTM E 1996-05 Missile Level D
	Certification Authorization Report (CAR)	A440-08 ASTM E 1886/ASTM 1996 153-126 153-205

Impact Resistance:

System	Impact Resistant	Requirement
1, 2	Yes	These skylight assemblies satisfy the Texas Department of Insurance's criteria for protection from windborne debris in both the Inland I zone and the Seaward zone. The skylight assemblies passed Missile Level D specified in ASTM E 1996-05. The skylight assemblies may be installed at any height on the structure as long as the design pressure rating for the assemblies is not exceeded. These skylight assemblies will not need to be protected with an impact protective system.

Limitations**Design Pressure:**

System	Dome Size	Design Pressures (psf)
1	10" x 6-3/4"	±100
2	14" x 7-3/16"	±100

Installation Instructions

General: The skylight assembly shall be prepared and installed in accordance with the manufacturer's recommended installation instructions, the approved drawings referenced below, and this evaluation report. Detailed installation instructions and component drawings are available from the manufacturer.

Design Drawings: The skylights shall be installed in accordance with Drawing No. TX-4233, titled "Attic Breeze Tubular Skylight "Sun Effects" Model," sheets 1 through 2 of 2, dated September 19, 2012, signed and sealed by Lyndon F. Schmidt, P.E on November 8, 2012. The stated drawings will be referred to as the approved drawings in this evaluation report.

Roof Deck Construction: The skylights shall be secured to minimum 7/16" OSB.

Installation: The skylights shall be installed as specified on Sheets 1 of 2 through 2 of 2 of the approved drawings.

Note: Keep the manufacturer's installation instructions available on the job site during installation. All fasteners shall be corrosion resistant as specified in the IRC, the IBC, and the Texas Revisions.