

# SUNOPTICS<sup>®</sup> MILITARY-GRADE SKYLIGHT



## Prismatic Optics Performance Highest DoD Rating

The Sunoptics<sup>®</sup> Signature<sup>™</sup> Series military-grade skylight is the only prismatic skylight in the market with the strength to meet the highest performance requirements to be used in Department of Defense (DoD) projects per Chapter 10\*. This includes the ability to install in any government buildings that are required to conform to Chapter 10 with the highest level of protection.

### At A Glance

- ▶ Tested to meet requirements for ASTM F1642 – 12 and GSA-TS01
- ▶ Patented Signature<sup>™</sup> Series dome with prismatic optics to capture more light during the day with 100% diffusion
- ▶ 800MD all aluminum frame with condensation gutter and integrated thermal break
- ▶ Polycarbonate lenses for increased strength and fire resistance
- ▶ Available in sizes 3' x 8' to 5' x 7' (Custom sizes also available)

### What is Military Grade?

To be considered military grade for DoD projects, the skylight must pass compliance to the highest levels for the following:

- ▶ ASTM F1642-12 - Test method for glazing and glazing systems subject to air blast loadings
- ▶ GSA-TS01-2003 - Test method for glazing and window systems subject to dynamic overpressure loadings

Unlike other skylight manufacturers, Sunoptics<sup>®</sup> tests the entire skylight (not just its lens material) under these rigorous conditions to ensure we meet or exceed what is required to support these DoD applications.

\*United Facilities Criteria (UFC) 4-010-01 DoD Minimum Antiterrorism Standards for Buildings

Learn more at [www.sunoptics.com](http://www.sunoptics.com), or contact us at 916.395.4700

## Why Sunoptics®?

For more than 30 years, Sunoptics® has been a trusted partner for providing superior natural light and leak-free designs for roofers, architects and building owners. With a national distribution network, Sunoptics is well positioned to serve your localized needs. As part of the Acuity Brands portfolio, Sunoptics offers the advantage of integrated daylighting, electric luminaires and advanced lighting controls from one source.

## Performance Conditions

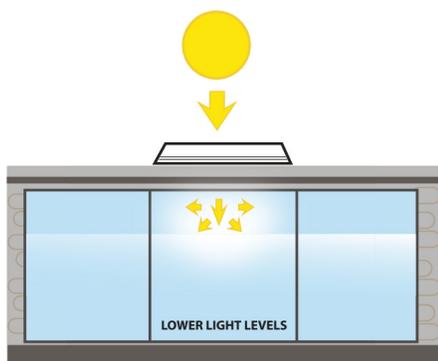
- ▶ Our military-grade skylight meets the highest performance condition (condition 1) which covers all GSA performance conditions for GSA-TS01
- ▶ Our military-grade skylight also provides the highest level of protection ASTM F1642
- ▶ National Fenestration Rating Council (NFRC) Certification: verify the U-value and solar heat gain coefficient ratings
- ▶ AAMA certified product performance
- ▶ High velocity hurricane rating: Florida Building Code 14086

## Why Prismatic?

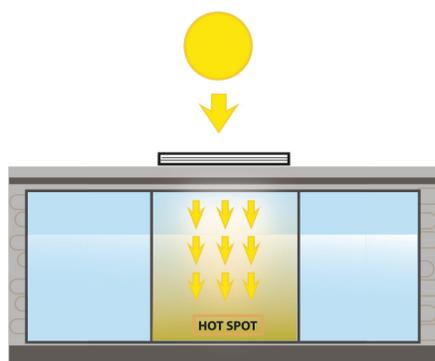
Sunoptics® prismatic skylights provide more delivered light transmission compared to standard skylights. They maintain 100% diffusion while eliminating undesirable hot spots, glare and UV damage to a daylighted space.



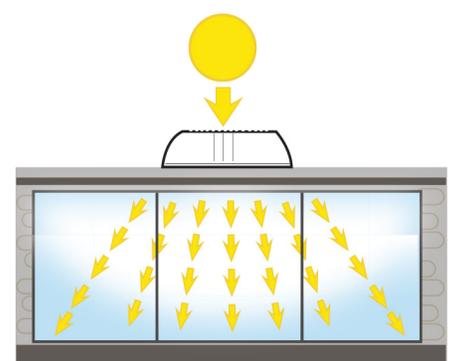
American Modular Warehouse featuring Sunoptics® Skylights



- ▶ Standard white bubble skylights knock down light transmission in order to achieve diffusion.



- ▶ Clear skylights produce hot spots, glare and UV damage to the interior space.



- ▶ Sunoptics® prismatic skylights deliver more sunlight and disperse it evenly throughout the space below.

Leak-Free Limited Warranty Programs: 5-year and 10-year limited warranties available.