

THE ENLIGHTENED SOLUTION

DAYLIGHTING PIONEERS

Since 1978, Sunoptics® has delivered innovation and excellence in daylighting. Our vision has always been to help our customers conserve energy by maximizing the number of hours their electric lights can be turned off. The easiest, most cost-effective way to achieve this is to use rooftop skylights to daylight a space and harness the full spectrum of natural sunlight.

REVOLUTIONARY DESIGN

Sunoptics has created a revolutionary optical design and frame for our skylights. Our unique prismatic skylights bring in more natural light while providing the optimum level of diffusion for soft, glare-free light. Our rugged frames have a durable structure and are warranted against leakage, providing many years of worry-free performance.

EASY INTEGRATION

As part of the Acuity Brands portfolio, Sunoptics offers customers the advantage of integrated daylighting, electric luminaires and advanced lighting controls from one source, resulting in the industry's most complete, sustainable and energy-efficient lighting solution.

ENERGY EFFICIENT

In short, Sunoptics prismatic skylights maximize customers' energy-savings potential, giving them the most daylight for their lighting dollar. Many customers are able to replace electric lighting for up to eight hours a day, while also producing less heat than electric lighting.

WHY DAYLIGHTING?



Numerous studies have shown that daylighting is correlated to dramatic improvements in human performance in retail, workplace and educational facilities. Among the benefits of natural light are:

- ▶ Improved Employee Morale
- ▶ Reduced Absenteeism
- ▶ Fewer Errors
- ▶ Increased Productivity



MANUFACTURING & DISTRIBUTION WAREHOUSING:

Manufacturing company Electri-Flex® was so pleased with the difference 15 Sunoptics skylights made in their first building that they decided to install 56 skylights when renovating their 53,000-square-foot manufacturing facility. The new skylights cover 3 percent of the roof area. Generally, warehouse lighting varies from as few as five to 10 foot-candles in inactive storage areas, to as many as 30 to 40 foot-candles output in more active spaces such as loading docks or receiving areas. After the installation of the skylights, light-level readings in the building reached from 55 to as much as 62 foot-candles—with no use of electrical lighting.

2x

MORE LIGHT THAN
HIGH-EFFICIENCY
FLUORESCENT
LIGHTING



PRODUCT OVERVIEW

*Our Prismatic Skylight
Designs Include:*

SUNOPTICS® SIGNATURE SERIES

Patented dome shape is designed to optimize lighting performance with no moving parts, providing optimum quality light, even at low sun angles, for the maximum hours per day.

DOUBLE-HIP & PYRAMID

For use when architectural appearance is the highest priority.

MULTI-LITE

For custom architectural and oversized applications.

FLAT

Sold through The Home Depot for residential applications.



*Signature
Series*

THE SUNOPTICS DIFFERENCE

The unique Sunoptics skylight design, materials and construction optimize natural sunlight through thousands of tiny prisms that refract sunlight into micro-light beams, spreading the bright, natural light throughout the space.

PROPRIETARY PRISMATICS

The proprietary prismatic material we use to create our unique skylights provides 100% diffused, 100 CRI natural light that eliminates glare and hot spots associated with other skylights. In fact, Sunoptics prismatic skylights deliver 35% more light transmission compared to non-prismatic skylights, with practically no light transmitting depreciation or yellowing over time.

SEALED TIGHT

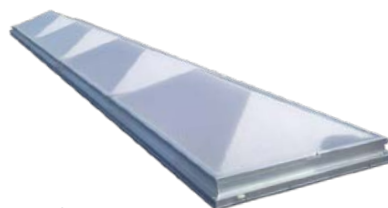
Insulated thermal breaks, foam curb seals and weather sweeps are standard on our 800MD frame, eliminating leak concerns. The rugged frame is fully welded aluminum with drain holes to avoid condensation from thermal bridging through the frame.



Double-Hip



Pyramid



Multi-Lite



Flat

0 WHY CHOOSE SUNOPTICS?

At Sunoptics®, our products represent more than three decades of expertise and experience. Working with distributors around the world, we have placed prismatic skylights in nearly a billion square feet of space, saving customers in 28 countries hundreds of millions of dollars annually.

QUALITY MANUFACTURING

We are the only manufacturer that extrudes their own plastic, which maintains the highest-quality prismatic sheets possible. We fabricate and assemble our products by hand in the U.S.A., and they are built to last. In fact, all Sunoptics Signature Series domes pass a 200 lb. drop test from two feet above, as well as a 500 lb. loading test in one square-foot point. Our state-of-the-art Photometric Lab and a multitude of third-party testing confirm the performance of our products.

SUSTAINABILITY

Along with making energy-efficient products, we contribute to sustainability by regrinding all of our post-industrial scrap material, which allows us to provide a minimum of 50% post-industrial recycled content in our plastic. We also assist with LEED documentation as well as building code compliance and ROI analysis.



SAINSBURY'S GROCERY STORE KING'S LYNN, UK

After testing the Sunoptics Signature Series double-glazed units in their King's Lynn store, Sainsbury's found a winning solution. They installed LED lighting (which they project will achieve 62% in electrical energy savings for lighting operating at 16.9 W/sqm) and used daylight controls to lower illumination levels to pre-set threshold when the required light level was met by natural light coming in from the skylights.

Conducting their own study, Sainsbury's projected they will save more than \$41,000 per year on electricity costs and more than 260,000 kWhrs per year in the King's Lynn store alone.



WALMART: HARVESTING DAYLIGHT AROUND THE WORLD

Sunoptics® Signature Series double-glazed units using impact-modified, clear prismatic acrylic over high-white prismatic acrylic are used to daylight more than 2,000 Walmart Supercenters worldwide.





Call us for a free, energy-savings analysis.
Toll free at 800.289.4700

Find out more about the Sunoptics prismatic
daylighting difference at www.sunoptics.com

