



PRISMAX™ SL & TRU SKYLIGHTS

DAYLIGHTING SYSTEMS



FEATURES

- Up to 70% light transmittance with 100% light diffusion allows balanced lighting with no hot-spots
- Heavy duty, impact modified acrylic light dispersing shape for maximum lighting performance & strength
- Self-curbing design reduces labor and number of penetrations
- Reduces energy consumption in daylight and supports tax credits
- Installation after roof is in place... excellent for new or retrofit solutions

BENEFITS

- Easy to install skylight system allows maximum daylighting and superior performance with prismatic lens
- PrisMAX SL & TRU self-curbing system utilizes Sunoptics' patented prismatic lens to maximize lighting performance throughout the day. Provides weather-tightness with unique diverter to prevent ponding.
- When installed with sensor-controlled systems, lighting demand can be reduced by up to 70%

PRISMAX™ SL & TRU SKYLIGHT

PrisMAX units offer higher visible light transmission allowing reduced energy consumption

Powered by Sunoptics

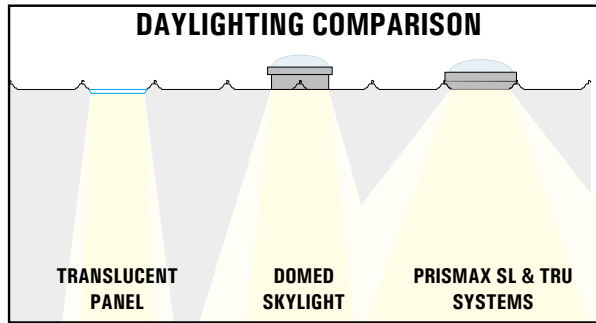
Varco Pruden's PrisMAX SL (Sky Light) and TRU (Tuf-Lite Retrofit Unit) prismatic skylights offer outstanding lighting and weathertight performance. These skylight strips are ideally suited for a vast array of daylighting requirements. When used along with sensed lighting controls, PrisMAX systems can reduce lighting needs and cost. Providing more light for longer periods of the day will enhance a wide variety of indoor activities for customers, employees and visitors in your facility.

These 24" wide skylights come in standard 10'-0" lengths that allow easy attachment of additional 5'-0" or 10'-0" units to create an extended "string" of units with minimal roof penetration. The self-curbing design of the PrisMAX skylight systems provide superior weathertightness while reducing the number of roof penetrations compared to other solutions. Skylights can be put in after your VP standing seam roof is installed. Designed to fit VP's SSR™ roof, the PrisMAX skylight units work for either new or existing roof applications. VP's PrisMAX TRU system is designed to replace existing Tuf-Lites currently installed on a Varco Pruden SSR roof.

The PrisMAX skylight's patented shape prismatic lens provides tremendous strength while maximizing daylighting performance at low sun angles, extending the illumination capabilities for more hours of the day. PrisMAX's unique lens also creates a higher visible light (up to 70.0% transmittance and optimal light distribution with 100% diffusion).

PrisMAX skylights come with an insulated frame and thermal breaks designed to reduce the chance of condensation forming on the interior of the skylight frame. In areas of high humidity or cold climates, a triple lens dome is available for additional condensation protection.

PrisMAX skylight systems come with optional fall protection and burglar bars beneath the skylight to provide additional safety and security. For more information about PrisMAX SL and PrisMAX TRU systems and other Varco Pruden building solutions, contact your Authorized VP Builder or visit www.vp.com.



- 1 Clear Prismatic Over High-White Prismatic Lens System**
SR 50 over SR 25 – Highest visible light transmittance with superior light distribution. Eliminates "hot spots" while improving natural interior lighting.
- 2 Continuous Silicone Seal**
50-year silicone, all sides, applied wet during manufacturing provides weathertight barrier for long-term performance.
- 3 Insulated Thermal Break Frame**
Closed cell foam insulation provides energy efficiency.
- 4 Foam Curb Seal**
1-7/8" x 1/4" – pre-installed on frame, no caulking required. Simplifies installation while creating a positive seal.
- 5 Stainless Steel Screws**
#12 x 1-1/2" 300 series with rubber washers for better seal.
- 6 Vinyl Weather Sweep**
1/2" all sides for additional energy and weather protection.
- 7 Self-Curbing**
Installs easier, reduces costs and provides a strong water barrier.
- 8 Works with VP's SSR roof**
Combines the best roof and skylight
- 9 Optional Triple Dome Lens**
For cold climates and high humidity

| PERFORMANCE VALUES | STANDARD DOUBLE DOME | OPTIONAL TRIPLE DOME |
|---|--|---|
| Prismatic Dome Lens Color | Clear acrylic outer lens, white inner lens | Clear acrylic outer lens, clear middle lens, white inner lens |
| U-Factor | 0.59 | 0.48 |
| Solar Heat Gain Coefficient | 0.45 | 0.37 |
| Visible Light Transmission | 0.68 | 0.62 |
| IBC Compliant (AAMA/WDMA/CSA Certified) | Yes | Yes |

Other available options include: Security screens and/or burglar bars; polycarbonate lenses; Class III hail resistant lenses; High Velocity hurricane zone approved units; FM-rated units and CCI fire-rated units.

| CONDENSATION GUIDE | | | | | | | | | | | | | |
|---|------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|------|
| DOUBLE DOME – for buildings at 70°F indoor with outdoor temp. and indoor humidity of: | | | | | | | | | | | | | |
| Outdoor temperature | 50° | 45° | 40° | 35° | 30° | 25° | 20° | 15° | 10° | 5° | 0° | -5° | -10° |
| Interior Humidity % | 30% | | | | | | | | | | | | |
| | 40% | | | | | | | | | | | | |
| | 50% | | | | | | | | | | | | |
| | 60%* | | | | | | | | | | | | |
| TRIPLE DOME – for buildings at 70°F indoor with outdoor temp. and indoor humidity of: | | | | | | | | | | | | | |
| Outdoor temperature | 50° | 45° | 40° | 35° | 30° | 25° | 20° | 15° | 10° | 5° | 0° | -5° | -10° |
| Interior Humidity % | 30% | | | | | | | | | | | | |
| | 40% | | | | | | | | | | | | |
| | 50% | | | | | | | | | | | | |
| | 60%* | | | | | | | | | | | | |
| L = Low risk for condensation; M = Moderate risk; S = Significant condensation risk | | | | | | | | | | | | | |



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