

# SoCal Signature Series™ Dome

## Fixed Industrial Skylight



**SIG | Frame Model 900SC**

### AVAILABLE CERTIFICATIONS

AAMA/WDMA/CSA/101/I.S.2/A440  
ICC - ESR  
NFRC Certified

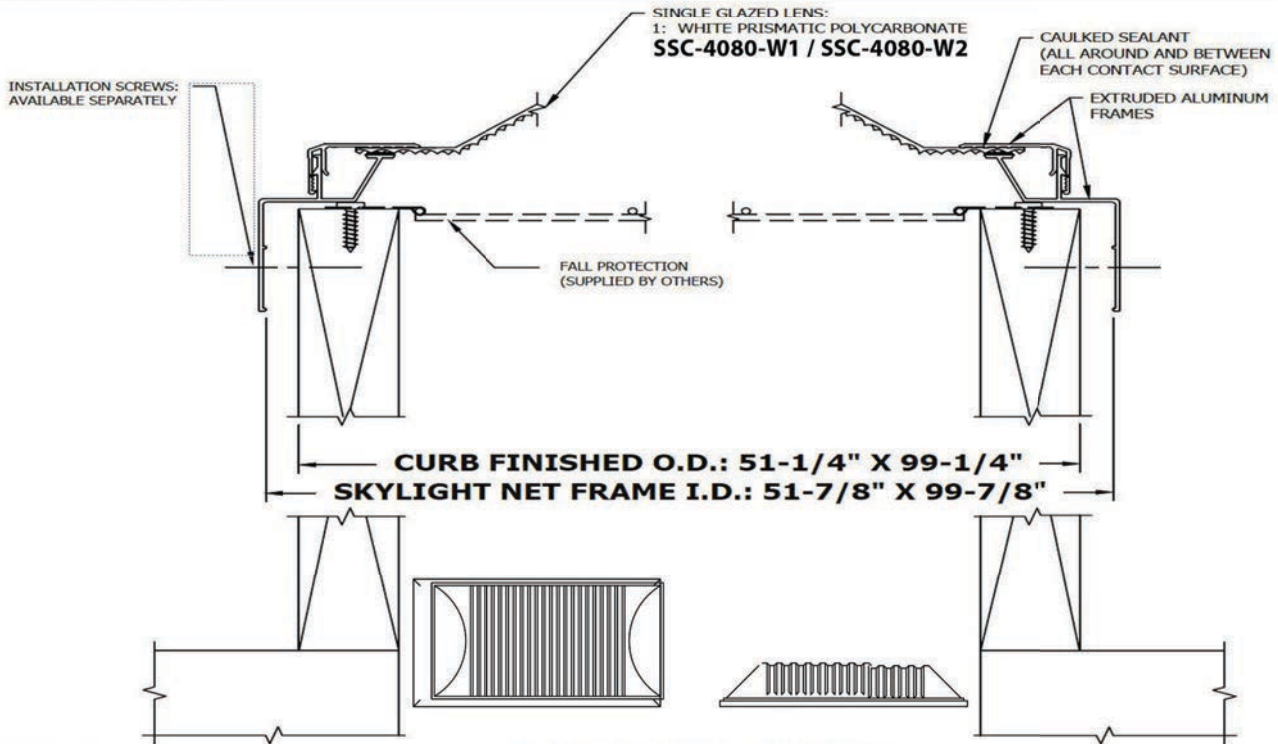
**Buy American:** This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT. Please refer to [Build America](#), [Buy America Act](#) federal website for additional information.

**Warranty:** 10-year and 15-year limited warranty available. Complete warranty terms located at: [www.sunoptics.com](http://www.sunoptics.com)

**Note:** Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.



### PRODUCT PROFILE



CURB NOT PROVIDED BY SUNOPTICS

### SPECIFICATIONS

Skylights shall be Sunoptics model 800MD ( curb mounted ) as manufactured by Sunoptics, Inc. Skylights shall be glazed ready for installation.

Skylight frames shall be fabricated from extruded aluminum, finish to be natural mill. Corners shall be mitered and welded. The polycarbonate glazing shall be separated from the skylight frame with a Silicon Seal.

Skylights shall be glazed using CC1 rated, Prismatic polycarbonate in a Signature Series Dome configuration.

Class A / CC1 flame rating. Standard Size 4080 units are tested and certified to AAMA/WDMA/CSA101/I.S.2/A440 to comply with ection 2405.5 of the International Building Code.

Certain airborne contaminants can diminish the integrity of polycarbonate / acrylic lenses. Refer to the compatibility tables for suitable uses on our website.

Skylights not for use in Harsh, Corrosive, Marine and high-humidity Environmental Conditions such as Marina, Greenhouses, Petrol-Chemical facilities or other chemicals where the skylights may be exposed to such conditions.

#### Skylight Performance Grade Ratings

| Short Description      | Design Pressure |
|------------------------|-----------------|
| Polycarbonate Skylight | 40 PSF          |

Rates based on FGIA. See building standard AAMA/WDMA/CSA/101/I.S.2/A440

#### Skylight Hail Class Rating

| Material Type             | Lens Material | Resistance Rating | Hail Size |
|---------------------------|---------------|-------------------|-----------|
| Polycarbonate 0.125\" -W1 | CC1P125       | n/a               | n/a       |
| Polycarbonate 0.165\" -W2 | CC1           | ≤ Class 4         | 2"        |

#### Skylight Thermal Performance

| Type          | SHGC | U-Value | VLT |
|---------------|------|---------|-----|
| Single Glazed | .68  | n/a     | .74 |

**Cleaning Polycarbonate Lenses:** Frequency of cleaning is determined by site conditions. When cleaning polycarbonate lenses, use only water or water with a mild soap. Use a soft rag to minimize scratching the polycarbonate. A pressure washer is acceptable to use as well. Never use ammonia, aromatic or petroleum based products to clean polycarbonate lenses. This will cause deterioration and cracking of the lens and will void the warranty.

Skylights should not be installed in locations with an operating temperature in excess of -75° F or 180°F.