



## SunWave™ Daylight System with Aluminum Frame

### Firestone Item Numbers:

#### Class 1 – Hail Rated:

W56RACDL05 2'x4' (0.6x1.2 m)	W56RACDL07 5'x5' (1.5x1.5 m)
W56RACDL06 4'x4' (1.2x1.2 m)	W56RACDL08 5'x6' (1.5x1.8 m)
W56RACDL43 4'x8' (1.2x2.4 m)	W56RACDL65 5'x8' (1.5x2.4 m)

#### Class 3 – Hail Rated:

W56RACDL44 2'x4' (0.6x1.2 m)	W56RACDL52 5'x5' (1.5x1.5 m)
W56RACDL45 4'x4' (1.2x1.2 m)	W56RACDL53 5'x6' (1.5x1.8 m)
W56RACDL46 4'x8' (1.2x2.4 m)	W56RACDL64 5'x8' (1.5x2.4 m)

#### Polycarbonate:

W56RACDL49 2'x4' (0.6x1.2 m)	W56RACDL47 5'x5' (1.5x1.5 m)
W56RACDL50 4'x4' (1.2x1.2 m)	W56RACDL48 5'x6' (1.5x1.8 m)
W56RACDL51 4'x8' (1.2x2.4 m)	W56RACDL66 5'x8' (1.5x2.4 m)

The SunWave Daylight System consists of a double glazed dome, fixed industrial skylight with an extruded aluminum frame that includes thermal insulation and is weather tight.

### DESCRIPTION:

- Firestone SunWave Domes are used in roofing systems for industrial, retail, commercial, and educational buildings as a source of daylighting in place of electrical lighting.
- The lighting performance of a SunWave Dome provides visible light transmittance as well as optimal light distribution without glare or hot spots.
- The SunWave Dome picks up to 50% more light at low sun angles than standard bubble style skylights.
- The SunWave Dome passes a 200 lb (91 kg) drop test from 2' (0.6 m) above highest part of dome and installed domes can support 500 lb/ft<sup>2</sup> (227 kg/0.9 m<sup>2</sup>).

### METHOD OF APPLICATION:

- Install in accordance with current Firestone specifications, details, and workmanship requirements.
- Fasteners packaged with the SunWave Dome include #12 x 1 1/2" (38 mm) 300 series stainless steel screws with neoprene/stainless steel bonded washers.
- Substrates must be clean, dry, smooth, and free of sharp edges, fins, loose or foreign materials, oil, and grease.

### STORAGE:

- Store products in manufacturer's unopened packaging until ready for installation.
- Store and dispose of hazardous materials, and materials contaminated by hazardous materials, in accordance with requirements of local authorities having jurisdiction.

### PRECAUTIONARY INFORMATION:

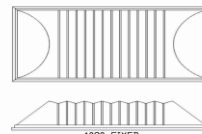
Provide fall protection. A Safety-Security Guard Screen is recommended rather than a sheet of plywood.

W56RACDL38 2'x4' (0.6x1.2 m)	W56RACDL40 5'x5' (1.5x1.5 m)
W56RACDL39 4'x4' (1.2x1.2 m)	W56RACDL41 5'x6' (1.5x1.8 m)
W56RACDL42 4'x8' (1.2x2.4 m)	W56RACDL79 5'x8' (1.5x2.4 m)

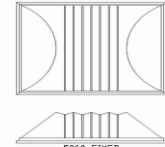
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4' x 8' Profile  
Top View



5' x 6' Profile  
Top View

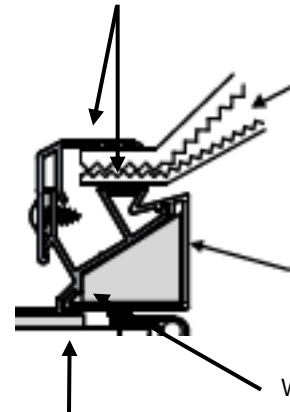


Side Views

## SunWave

### DESIGN SPECIFICATIONS:

Continuous Silicone Seal All Sides.



SR50 Clear Prismatic Lens over  
SR25 High White Prismatic  
Lens.

Insulated Thermal Break Frame  
(closed cell foam insulation).  
Exterior Grade White Vinyl (no  
exposed metal to the interior).

Weep Slot

1 7/8" x 1/4" (47.6 x 6.4 mm) Foam Curb Seal (pre-installed on frame). No caulking required.

### THERMAL PERFORMANCE CHARACTERISTICS

R value = 1.22

U value = 0.82

SHGC = 0.49

(Solar Heat Gain Coefficient or Shade Factor)

### LEED INFORMATION:

Pre-consumer acrylic:	50%
Post-consumer Recycled Content:	25%
Manufacturing Location:	Sacramento, CA

### CERTIFICATION:

National Fenestration Rating Council (NFRC)  
North American Fenestration Standard (NAFS)  
High Velocity Hurricane Zone Approved

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