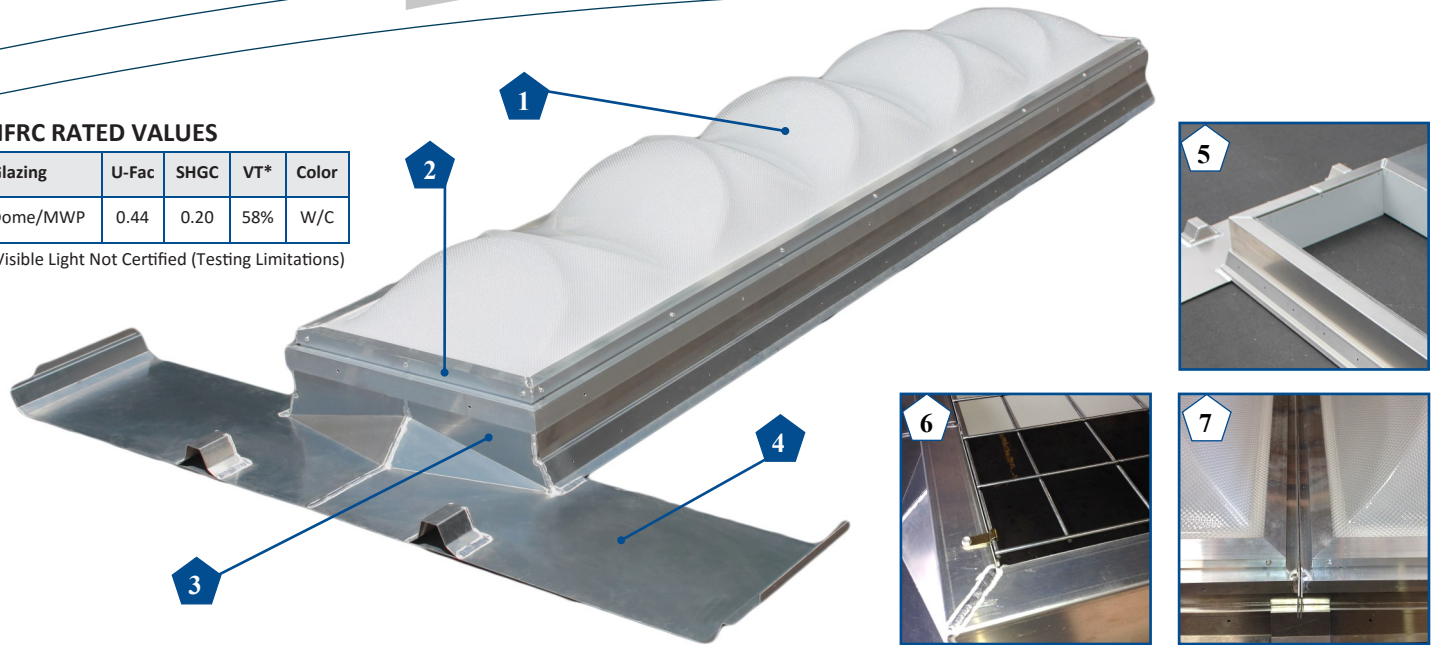


### NFRC RATED VALUES

| Glazing  | U-Fac | SHGC | VT* | Color |
|----------|-------|------|-----|-------|
| Dome/MWP | 0.44  | 0.20 | 58% | W/C   |

\* Visible Light Not Certified (Testing Limitations)



## PRODUCT FEATURES & OPTIONS

All kits ship complete and installation ready!

- 1 POLYCARBONATE SKYLIGHT**—White Polycarbonate outer dome over clear 16MM multiwall polycarbonate inner panel. 10-Year Hail resistance warranty. 98% haze factor for balanced interior lighting.
- 2 THERMALLY BROKEN SKYLIGHT FRAME**—The poured-and-debrided skylight frame resists thermal transmission through the frame and the integral condensate gutter traps any interior moisture that may accumulate.
- 3 RS24 BASE**—0.080" aluminum with full penetration welds for complete weather-tightness. Side flanges nest with the roof panel profile for a seamless integration with any 24" O.C. Standing Seam roof application.
- 4 UPSLOPE DIVERTER**—Patented 14" diverter installs under the roof panel on the upslope and over the roof panel on the downslope. The RS24 provides 8" of upslope clearance to prevent water blockage and pooling.
- 5 2" RIGID INSULATION & LINER**—The RS24 utilizes 2" thick, high R-value rigid insulation along all base walls. A reflective bright white liner presents a clean and polished interior skylight well that boosts natural lighting properties.
- 6 FALL PROTECTION**—Safety screen mounts to the base unit under the dome assembly. Kit ships complete with all necessary clips and fasteners. The RS24 Fall Protection system is compliant with OSHA CFR 1910.23 and 1926.501.
- 7 SKYLIGHT SEQUENCING OPTION**—May be sequenced in 5' or 10' increments for a continuous daylight strip. Continuous runs are field assembled and sealed with a batten cap at joints. This versatile design delivers more daylight per roof opening, saving labor costs.
- 8 ENERGY CODE COMPLIANCE**—Meets 2015 IECC Energy Code Requirements: Solar Heat Gain Coefficient—0.20 U-Factor—0.44 | Visible Light Transmission: 58%

## KEY BENEFITS

RS24 Skyline Series

| Typical Aged LTP

- ★ **High performance daylighting specifically designed for 24" O.C. Standing Seam Roof Systems**
  - ◆ Meets 2015 IECC Code w/out Lighting Controls
  - ◆ Single base design installs in 1 hour or less
  - ◆ Exceptional watershed compared to competitive models
  - ◆ May be Fitted with OSHA-Compliant Fall Screen
  - ◆ Retrofit or new construction—auto dealerships, military, retail, warehouse, schools and more



# RS24 SKYLIGHT

Model: RS24-MWP

skyline series—24" trapezoidal standing seam roof

Meets IECC Without Controls All Climate Zones

FIGURE 1: CROSS SECTION

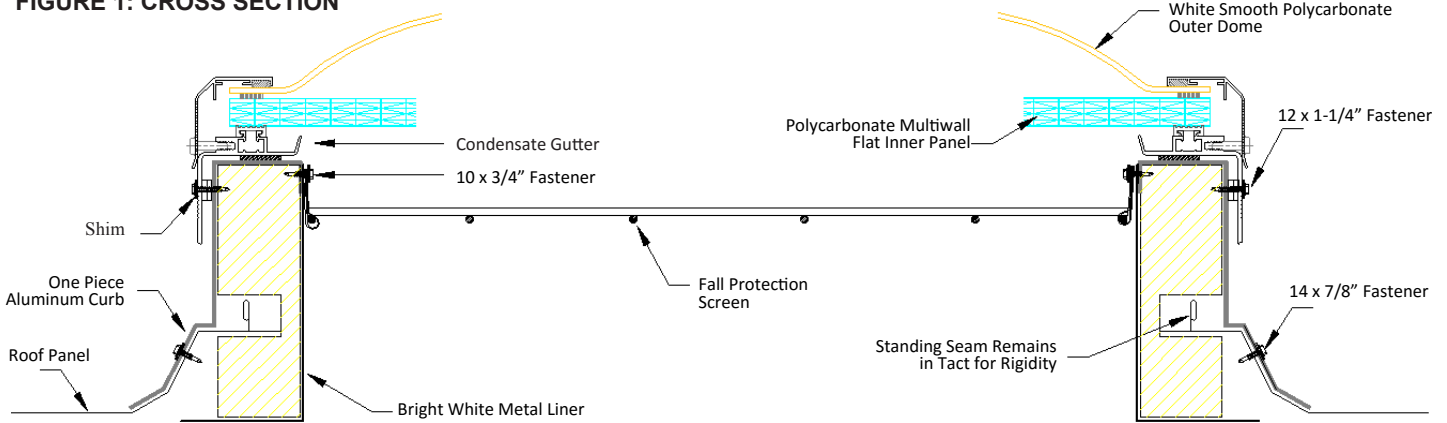
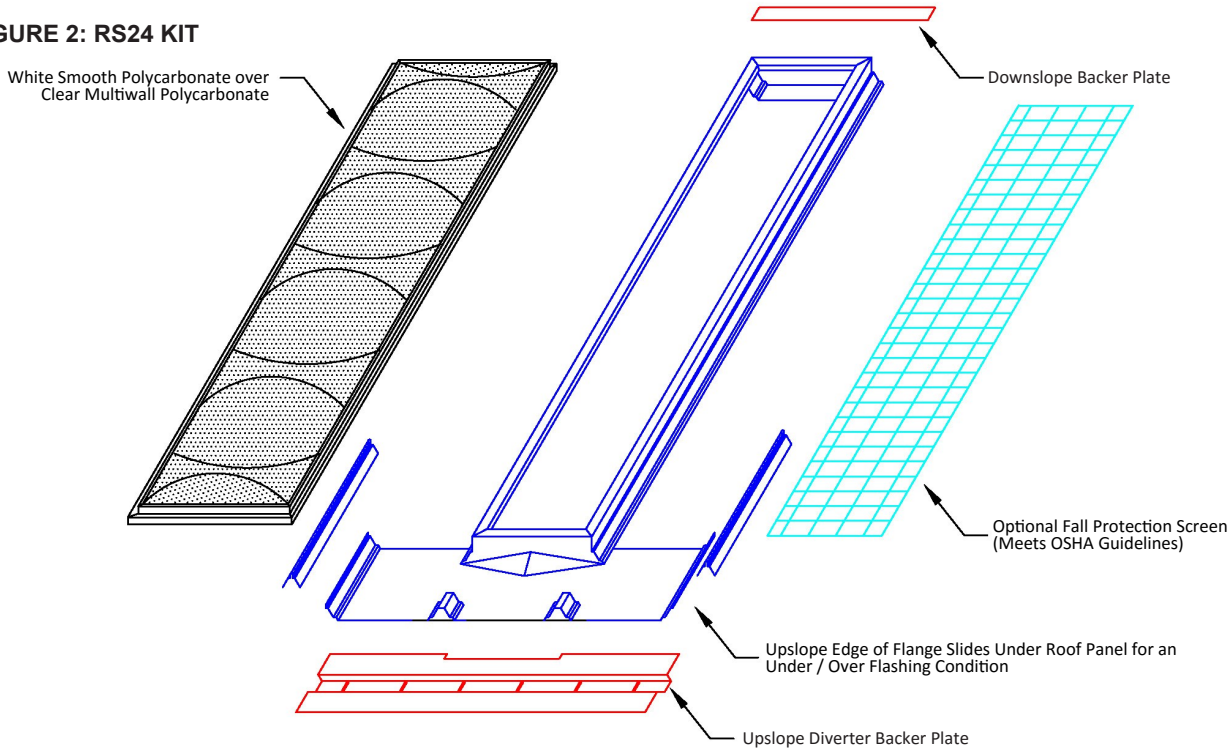


FIGURE 2: RS24 KIT



## CONSTRUCTION

- 0.080" Aluminum Under/Over Fully Welded & Assembled Base
- Extruded Aluminum Skylight Frame with Thermal Barrier
- 2" Rigid Vertical Insulation with Bright White Metal Liner
- White Smooth Polycarbonate 0.118" Outer Dome
- Clear 16 MM Multiwall Polycarbonate Inner Panel
- 2-1/2" Triple Bead Mastic Tape, Polyurethane Sealant
- #5 Tek Shoulder Screws
- Long-Life Self Drillers w/ Washers: 12-14 x 1-1/4" & 14 x 7/8"
- Long-Life Self Drillers w/o Washers: 12 x 1-1/4" & 10 x 3/4"
- Expansion Joint Covers with 1/4" Flanged Shoulder Spacers
- Weight: 125# Each

## PERFORMANCE

- 58% Visible Light Transmittance with 98% Haze Factor
- 0.20 Solar Heat Gain Coefficient
- 0.44 U Factor
- 4431 2" Severe Hail Test (FM Approved)

## OPTIONS

- 4" x 4" x 3/16" galvanized steel fall protection screen
- RS24 Custom Length—Increments of 5' \_\_\_\_\_
- Panel Offset Height: 3/8", 1-3/8", Custom \_\_\_\_\_
- Liner Height: 5-7/8", Custom \_\_\_\_\_
- Liner Base: 3", Custom \_\_\_\_\_

| Customer     | Date       | Model                    | Quantity |
|--------------|------------|--------------------------|----------|
| Project Name | Roof Panel | Panel Offset Height 3/8" | 1-3/8"   |