



General Specifications: Royalite Acrylic Dome Skylight

“Singlelite Acrylic Domed Skylight” as manufactured by Royalite Manufacturing, Inc., 1055 Terminal Way, San Carlos, California 94070, (650) 637-1440, email: sales@Royalite-mfg.com

Materials: Perimeter framing to be extruded aluminum, 6063-T5, sill RST-1 with insular thermal break which has a minimum wall thickness of .125” or greater, meeting all criteria for such materials as defined by current Uniform Building Code, AAMA, and Manufacturers recommendations. Acrylic or other CC2 or CC1 Plastic Glazing shall be dual glazing as shown and meet or exceed thickness specifications as defined by current AAMA, ICBO, Title 24, and Uniform Building Code. Fasteners used to join the framing materials shall be tamper resistant, and coated to prevent electrolytic material deterioration. All fasteners used to be series 300 Stainless Steel or coated in such a manner as to prevent electrolysis.

Workmanship: Frames shall be precision mitered with full penetration gas metal-arc or heliarc welds. Domes to be formed per recommended “Structural Design Requirements for Dome Skylights” (Rohm & Haas), and Manufacturers specifications. Units shall be factory cleaned, glazed, assembled and packaged by Manufacturer who shall have a minimum of ten years experience in skylight fabrication. Frame finish: Frames shall be completely fabricated prior to the cleaning and etching process that shall precede application of our environmentally safe waterborne polyurethane epoxy finish.

Electric Motors: Royalite Manufacturing, Inc. provides skylight motors from various manufacturers. All motor warranties and guarantees are those of the original manufacturer and are provided to the end user. In case of defective or damaged motors or for technical questions contact the technical service line or representative of the motor manufacturer. **Royalite Manufacturing does not stock motor parts, kit components, nor can we repair motors.**

Installation: Skylights shall be installed in accordance with Manufacturers recommendation, which include metal curb flashing and set on nonhardening caulking or foam sealing tape. On flat roof applications a shimmed ¼ inch in 12 slope is desirable.

Guarantee: Royalite Singlelite Acrylic dome Skylights and are fully guaranteed to be free from material or workmanship defects for five years from the date of purchase. Singlelite acrylic skylights have an additional “Lifetime Waterpruf Warranty” against leaks to the original consumer owner. (see “Waterpruf Warranty” form for details) Royalite Manufacturing, Inc.’s sole obligation is expressly limited to the repair or replacement of any skylight confirmed to be defective by Royalite Manufacturing, Inc. at our factory. This warranty does not include any costs incurred for field inspection, removal, packaging, transportation, temporary opening closures, reinstallation or any other services or costs involved to return the product to our factory. These warranties do not apply to any skylight that has been altered, misused, abused, or damaged by any other thing, person, cause or Act of God. This is the only warranty or guarantee, limited to the original consumer, nontransferable regarding merchantability of Royalite Products, and shall not exceed purchase price of the defective unit.

Warranty and Disclaimer: Royalite Manufacturing, Inc. shall not be liable for any other losses or damage, special or consequential. There are no other warranties expressed, implied or statutory that extend beyond this document. All orders are subject to approval and final acceptance of Royalite Mfg. at our offices in San Carlos, California and will be subject to our current General Terms and Conditions. We make no additional warranty of merchantability, no warranty that material shall fit for any particular purpose of use and no warranty, expressed or implied. Outstanding invoices owing over 30 days will be subject to a 1.5% monthly service charge.

Condensation and Skylights: Condensation results when warm moist air contacts a cool surface and appears as beads of water. Since heat rises, overhead glazing creates a natural trap for condensation as a result of humidity from adjacent kitchens, laundry rooms and bathrooms. The only remedy is to reduce the humidity in the environment.

Acrylic, the material from which domes are formed, is hygroscopic and will allow the gradual passage of moisture. Hence, dual glazed acrylic domes are not hermetically sealed and achieve their insulation value from the dead air space between the domes. Conditions can occur that cause condensation to form between the domes. This will remain until the moisture-laden dead air between the domes dries out. This condition is not a defect and is most likely to occur during periods of low temperature and high humidity. All Royalite skylights are manufactured with a condensation gutter around the interior of the perimeter glazing in order to collect interior moisture to be drained to the outside. However, if the humidity is excessive the exposed interior metal face of the gutter can accumulate condensation that may stain surrounding unprotected surfaces.

Skylight noise: A popping noise may be heard periodically from acrylic skylights resulting from normal fluctuations in temperature. Because of the high coefficient of expansion of acrylic a 48” sheet will expand and contract as much as ¼”. This movement may cause noise that is an inherent characteristic of the material and not a defect.