



GUIDE SPECIFICATION FOR SECTION 08620 UNIT SKYLIGHTS

PART 1 - GENERAL

1.01 DESCRIPTION OF WORK

A. Scope:

Work in this section includes fabrication and installation of skylight(s) as indicated on the drawings and specified herein.

B. Related sections:

Section _____ Roofing
Section _____ Roof Accessories (curbs)
Section _____ Flashing & Sheet Metal

1.02 SUBMITTALS

Submit ___ copies of manufacturer's standard technical product data sheets for review and approval prior to beginning fabrication.

1.03 STORAGE, HANDLING AND DELIVERY

A. Storage of Products:

Protect all products from damage. Store skylights according to manufacturer's recommendations.

B. Handling and delivery:

Products shall be packaged so as to provide protection from damage and labeled with any special handling considerations. Handling shall be in accordance with manufacturer's recommendations and labeling. Delivery method shall be appropriate for product being transported and in accordance with manufacturer's recommendations.

PART 2 - PRODUCTS

2.01 Manufacturer:

A. Unit skylights shall be manufactured by Skyline Sky-Lites, 2925 Delta Drive, Colorado Springs, CO 80910, Telephone (866)625-1330, Fax (719)392-4685

2.02 Product: *(Select and modify from the options below)*

A. Frame style

1. Aluminum curb mount fabricated from 6063-T5 extruded aluminum with a .070" thick base frame and a .062" thick extruded aluminum retaining angle. Vinyl gasket shall be used beneath the glazing forming a tight seal. Weep holes shall be provided in the frame. Skylight shall be completely assembled by the manufacturer and ready for installation directly over curb as provided by others.
2. Thermally broken aluminum curb mount fabricated from 6063-T5 extruded aluminum with a .070" thick base frame incorporating a poured in place polyurethane thermal barrier and a .062" thick extruded aluminum retaining angle. Vinyl gasket shall be used beneath the glazing forming a tight seal. Weep holes shall be provided in the frame. Skylight shall be completely assembled by the manufacturer and ready for installation directly over curb as provided by others.
3. Aluminum Insulated curb frame, *(specify 4", 9" or 12")* tall fabricated from .040" mill finish aluminum exterior wall, 3/4" thick rigid insulation and an .025" aluminum well liner *(optional)* to match frame finish. Mounting flange to be 2" wide. Skylight frame shall be of 6063-T5 aluminum with a .070" thick base frame and a .062" thick retaining angle. All corners shall be welded. Vinyl gasket shall be used between the frame and the glazing to form a tight seal. Skylight shall be completely assembled by the manufacturer and ready for installation directly to the roof deck.

4. Thermally broken Aluminum Insulated curb frame, (*specify 4", 9" or 12"*) tall fabricated from .040" mill finish aluminum exterior wall, 1 1/2" thick rigid insulation and an .025" aluminum well liner (*optional*) to match frame finish. Mounting flange to be 2" wide. Skylight frame shall be of 6063-T5 aluminum with a .070" thick base frame incorporating a poured in place polyurethane thermal barrier, and a .062" thick retaining angle. All corners shall be welded. Vinyl gasket shall be used between the frame and the glazing to form a tight seal. Skylight shall be completely assembled by the manufacturer and ready for installation directly to the roof deck.

B. Profile (*select one*)

1. Formed acrylic dome, 25% rise
2. Formed acrylic pyramid, 6 in 12 pitch
3. Flat Glass

C. Glazing (*select one*)

1. Glass as specified in division 8, section ____
2. Single glazed (*select one; #2412 bronze, #2447 translucent white, clear*) cast acrylic.
3. Dual glazed with a (*select one; #2412 bronze, clear*) cast acrylic outer glazing and a (*select one; #2447 translucent white, clear*) cast acrylic inner glazing. A continuous silicone seal shall be used between glazings.

D. Frame Finish (*select one*)

1. Mill aluminum
2. Clear anodized
3. Bronze anodized

PART 3 – EXECUTION

3.01 EXAMINATION

- A.** Verify that field dimensions and conditions match those shown on manufacturers approved submittal.
- B.** Examine condition of curbs, substrates and other construction related to the installation of the skylight(s). Notify general contractor in writing of any improper conditions. Do not install skylights until all unsatisfactory conditions are remedied.

3.02 INSTALLATION

- A.** Install skylights in strict accordance with manufacturers printed instructions. Where surfaces of units come in contact with noncompatible substrates, provide for permanent separation of materials.

3.03 CLEANING AND PROTECTION

- A.** Clean surfaces in strict accordance with manufacturers written instructions,
- B.** Protect completed work from possible damage from other trades.

END OF SECTION 08620