

## **SECTION 08 62 00 – UNIT TUBULAR DAYLIGHTING DEVICE SKYLIGHTS**

### **Part 1: General**

#### 1.01 Summary

A. Pre-manufactured tubular daylighting device skylights.

Division 8 Openings 19

#### 1.02 Related Sections

#### 1.03 Definitions

#### 1.04 Submittals Required

A. Product Data

#### 1.05 Quality Assurance

A. WARRANTY

1. Ten-year manufacturer warranty including coverage for sealed units from seal failure, Interpane dusting, misting, and replacement of defective units.

2. Warranty shall be from General Contractor, Manufacturer and Installation subcontractor on Installation subcontractor's letterhead.

#### 1.06 Scheduling

#### 1.07 Delivery, Storage, and Handling

#### 1.08 Regulatory Requirements

### **Part 2: Products**

#### 2.01 Manufacturers

A. Velux (800-878-3589): Installed by Powers Products Co (303-791-1010)

B. Solatube (888-476-5288)

C. Approved Equal

#### 2.02 Products

A. Impact modified acrylic: CC2 material, 0.125-inch-thick (22" unit also includes integrated SunCurve Daylight Directing Device), and one-piece, galvanized steel cap (with integrated thermal insulation affixed to underside) to sit on curb. Provide standard angle adapters as needed. Provide 0.016 thick anodized aluminum sheet with silver specular interior finish surface coated with vacuum-evaporated silicone oxide and titanium oxide protective surface that protects the tunnel surface from corrosion and provides a long life of reflection characteristics, providing 99% reflectance. Provide extension tubes required to reach from roof surface to finished ceiling.

B. Lenses and diffuser panels to be determined per install. Some provided in the past: Provide "Fresnel" lenses, 2-foot x 2-foot transition boxes and square prismatic diffuser panels to install into acoustical ceiling grid, straight "Open Ceiling Diffuser" extension with no "Top Adjustment Tube"

C. If per project design requirements allow, provide room darkening Daylight Controller and Commercial Energy Kit.

### **Part 3: Execution**

#### 3.01 Preparation

A. Do not install skylights when ambient temperature is less than 50 degrees F.

B. Maintain minimum ambient temperature before, during and 24 hours after installation.

#### 3.02 Installation

A. Verify that all Roof Curbs are in place and weather-tight.

B. Cap on curb to be one piece, no seams.

#### 3.03 Cleaning and Protection