

# **Solamaster 750DS Closed Ceiling**

## **Recommended Specification**

### **Cut – Paste Specification>>>**

#### **Solatube 750DS (530mm diameter) Daylighting System with 600 x 600mm Transition Box and Diffuser**

##### **S750DS-C-DA-DAI-xx-Exx-Lx**

Roof Mounted Tubular Daylighting System with Raybender Dome, UV and Impact resistant Inner Dome, Spectralight Infinity 99.7% Spectral reflectivity solid tubing with ceiling level Optiview Dual Glazed diffuser assembly, transferring sunlight to interior spaces.

**Roof Dome:** Raybender 3000 variable prism optic moulded into outer dome to capture low angle sunlight and limit high angle sunlight with Type DA Transparent, UV and impact resistant inner dome. 3.7 mm minimum thickness injection moulded acrylic, classified as CC2 material; UV inhibiting, impact modified acrylic blend. EDCS (Effective Daylight Capture Surface) of 750 square inches (4838cm<sup>2</sup>).

##### **Flashing:**

Flashing base supporting dome and top of tube as per manufacturers recommendations to suit roof profile.

##### **99.7% Spectrally Reflective Tubing:**

Aluminium sheet, thickness 0.5mm. Top Tube Angle Adapter, 406 mm long. Spectralight Infinity 99.7% high reflectance specular finish on exposed reflective surface. Visible spectrum (400 nm to 760 nm) greater than 99 percent. Total solar spectrum (400 nm to 2500 nm) less than 93 percent.

##### **Transition Box:**

Ceiling mounted box transitioning from round tube to square ceiling assembly. Supporting light transmitting surface at bottom termination of tube; 605mm x 605mm square frame to fit standard suspended grids or hard ceilings

**>Please specify diffuser type here<**

**Performance Tested:** NFRC (National Fenestration and Ratings Council). Meets SHGC and U-Value requirements set out in the BCA (Building Code of Australia) tables 3.12.1.2 and J1.4. SHGC = 0.20 U-Factor = 2.67

### **END - Cut – Paste Specification>>>**