

SkyLume Model DLX Series Installation Manual

Depending on the roof type, it is recommended that the SkyLume unit be framed and installed by a licensed contractor according to local codes and requirements.

Enclosed are suggested framing diagrams and curb dimensions. All curb installations must take into account the roof pitch to maintain the SkyLume unit so it is perpendicular to the floor area being lighted.

The main ingredient for a successful installation is the curb being squared, accounting for the roof pitch and proper sealing to the roofing system.

The following table shows dimensions for our 2' x 2' and 4' x 4' units.

Model No. Dimension	Inside Curb Dimension	Outside Curb	Maximum Measurement Curb Skylight Fill Fit Over
Model 2828 (Top Dome for 2' x 2' Skylight)	22-1/4" x 22-1/4"	25-1/4" x 25 -1/4"	26-1/4" x 26-1/4"
Model 5252 (Top Dome for 4' x 4' Skylight)	46-1/4" x 46-1/4"	49-1/4" x 49-1/4"	50-1/4" x 50-1/4"
Model 5296 (Top Dome for 4' x 4' Skylight)	46-1/4" x 90-1/4"	49-1/4" x 93-1/4"	50-1/4" x 94-1/4"

Note: Optional Metal Double Wall Curb comes with the exact dimensions as listed above.

After completion of roof system, begin assembly of SkyLume unit.

1. For standard 4' drop well SkyLume, up on the roof surface, preferably a flat area, begin assembly of SkyLume box unit. Please use clean cardboard not to scratch the panel surface. Also, Latex grooves shall be used during assembling the box.

A.) Insert leading edge on panels into U-channel of corresponding panel making sure it is vertically and horizontally flush. Make sure it slides all the way in before securing to channel with metal tap screws. (Fig.1)

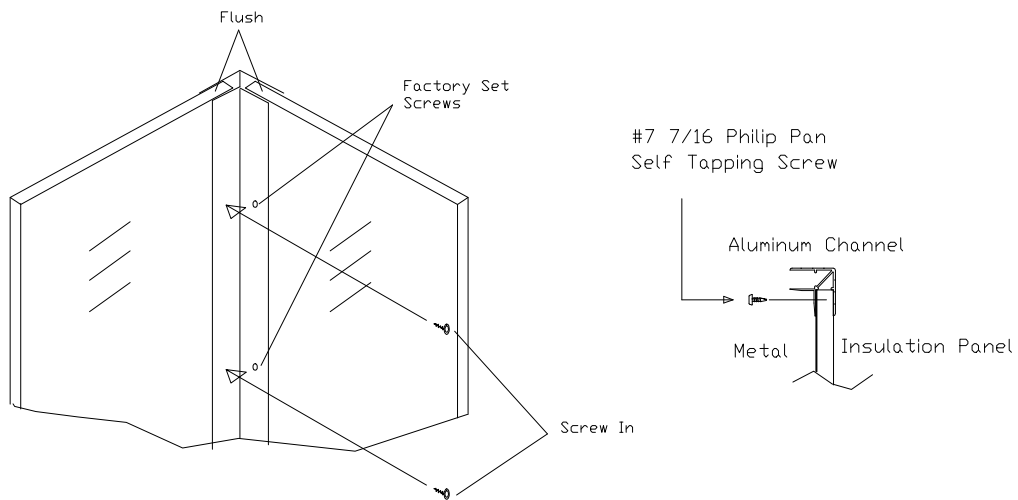


Fig.1

B.) Continue securing panels together until box is completely assembled. (Fig.2)

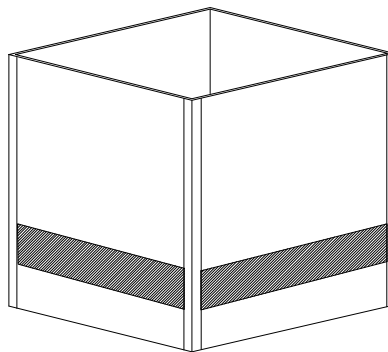


Fig.2

- C.) Using a razor knife, cut along inside channel to loosen protective liner. Do not completely remove liner until step 3.
- D.) Attach Skylight to a (2 x 2) or other material (not provided) using brackets (not provided) to the inside edge of the SkyLume as shown in Fig.3.

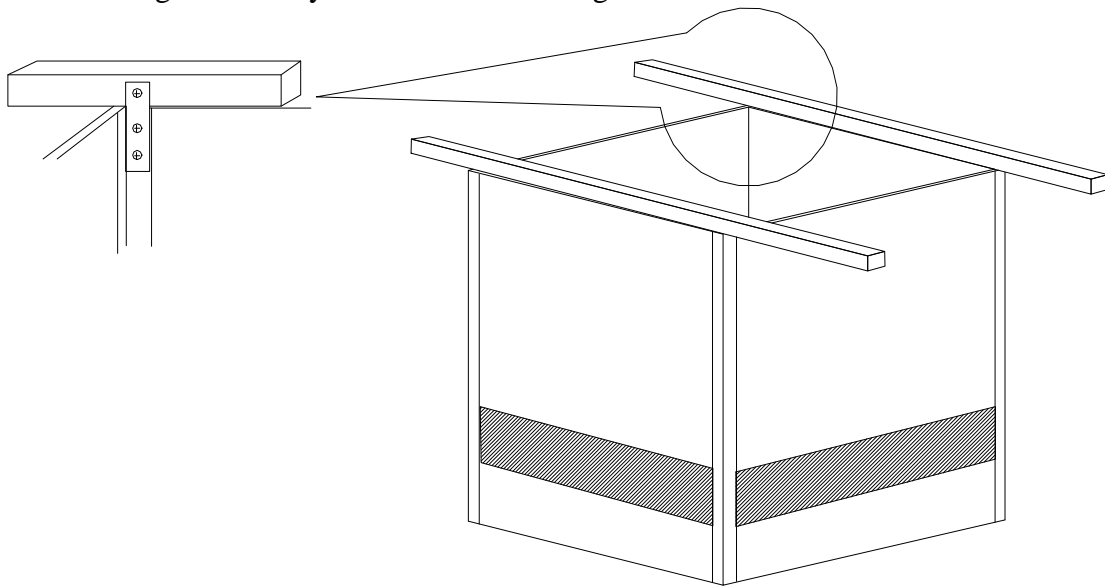
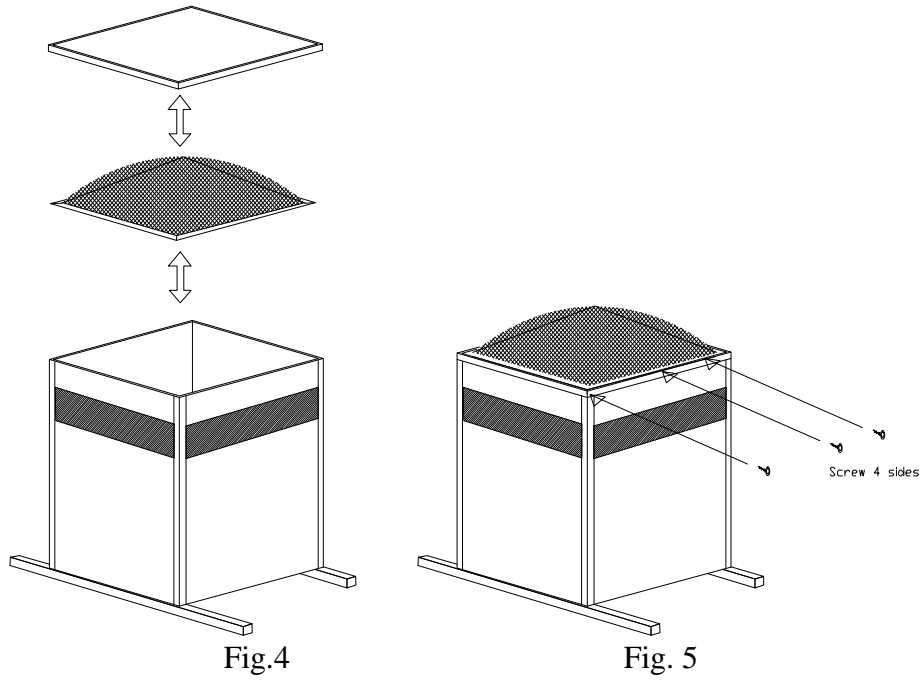


Fig. 3

- E.) After securing box, lift assembled box and lay over on other side making sure SkyLume is “Square” and “Flush”.

2. Lower Lens Assembly

- A.) Remove lower lens assembly (consisting from lens and lens retainer frame). Be careful not to lay the lens down on the prismatic surface.
- B.) Lift the bottom lens and frame carefully and apply on SkyLume. Making sure it is “SEATED” and flush. Apply a slight pressure downward and attach with supplied screws. Make sure screws “GRAB” the interior metal and pull the box sides tightly into the aluminum retainer frame. (Fig. 4 and 5.)



3. Lift the box unit up and go inside of the box. Begin peeling all liner in SkyLume from inside, making sure all liner is removed and unit is clean.
4. Raise SkyLume up. (2 people recommended) so prismatic lens is pointed downward. Carefully lower SkyLume through SkyLume curb. (Fig. 7)

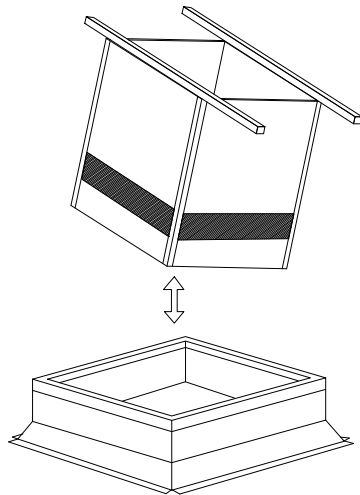


Fig. 7

5. Lower down until SkyLume is flush with the curb. Screw in 3 screws into each panel into the curb. After securing SkyLume, remove lifting bracket assembly. (Fig. 8)
6. Apply metal tape (not supplied) and seal the gap in-between curb and Skylight panel. (Fig.8)
7. Remove any debris inside SkyLume (screws, liner and etc.) which may be on lower lens with vacuum, tape, etc.
8. Remove blue liner from the dome assembly. Apply gasket (not supplied) around the curb and lower dome onto curb. Make sure it is square on the curb and attach with #8 to 10 Wood screws. (Fig. 9)

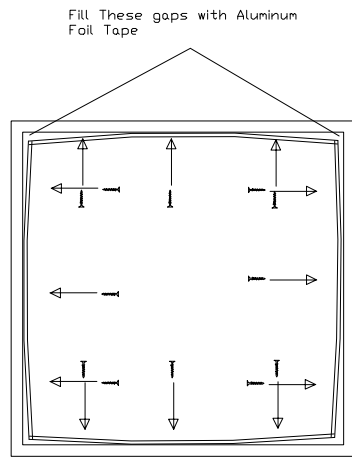


Fig. 8

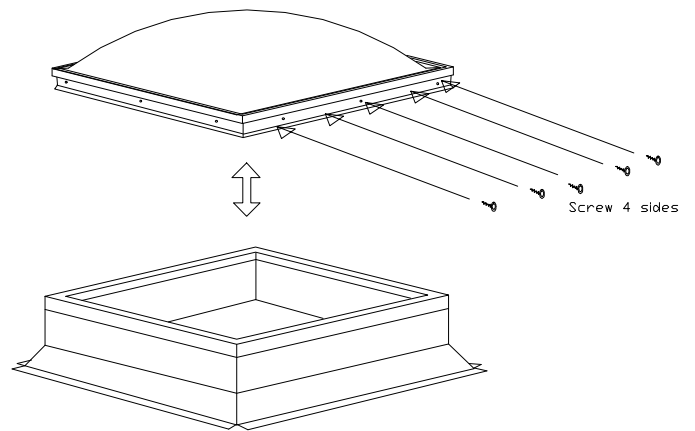


Fig. 9