



SkyLite Model SLX Series Installation Manual

Depending on the roof type, it is recommended that the SkyLite unit be framed and installed by a licenced 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 SkyLite 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.	Inside Curb Dimension	Outside Curb Dimension	Maximum Measurement Curb SkyLite Will Fit Over
Model 2828 (Top Dome for 2' x 2' SkyLite)	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' SkyLite)	46-1/4" x 46-1/4"	49-1/4" x 49-1/4"	50-1/4" x 50-1/4"

Use 2 x 6 wood to make curb. The attached drawing only shows dimension for a 4' x 4' unit, however dimensions of a 2' x 2' dome can be applied to the same.

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

1. Up on the roof surface, preferably a flat area, begin assembly of SkyLite box unit.
 - 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)
 - B.) Continue securing panels together until box is completely assembled. (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 SkyLite to a (2 x 4) or other material (not provided) using brackets (not provided) to the inside edge of the SkyLite as shown in Fig.3 and 4.
 - E.) After securing box, lift assembled box and lay over on other side making sure SkyLite is "Square" and "Flush".

2. Lower Lens Assembly
 - A.) Remove lower lens assembly (consisting from lens, lens retainer frame and gasket). Be careful not to lay the lens down on the prismatic surface.
 - B.) Apply gasket to inside lens around the outside edge of aluminum lens retainer frame. Note: Prismatic lens will "BOW" around the retainer frame and straighten out upon application on SkyLite Box.
 - C.) After gasketing the lens assembly, lift carefully and apply on SkyLite. 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. 5 and 6.)

3. Lay SkyLite over carefully, making sure prismatic lens does not rest on any surface. Carefully begin peeling all liner in SkyLite from inside, making sure all liner is removed and unit is clean.
4. Raise SkyLite up. (2 people recommended) so prismatic lens is pointed downward. Carefully lower SkyLite through SkyLite curb. (Fig. 7)
5. Lower down until SkyLite is flush with the curb. Screw in 3 screws into each panel into the curb. After securing SkyLite, remove lifting bracket assembly. (Fig. 8)
6. Apply metal tape (not supplied) and seal the gap in-between curb and SkyLite panel.
7. Remove any debris inside SkyLite (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 supplied screws. (Fig. 9)

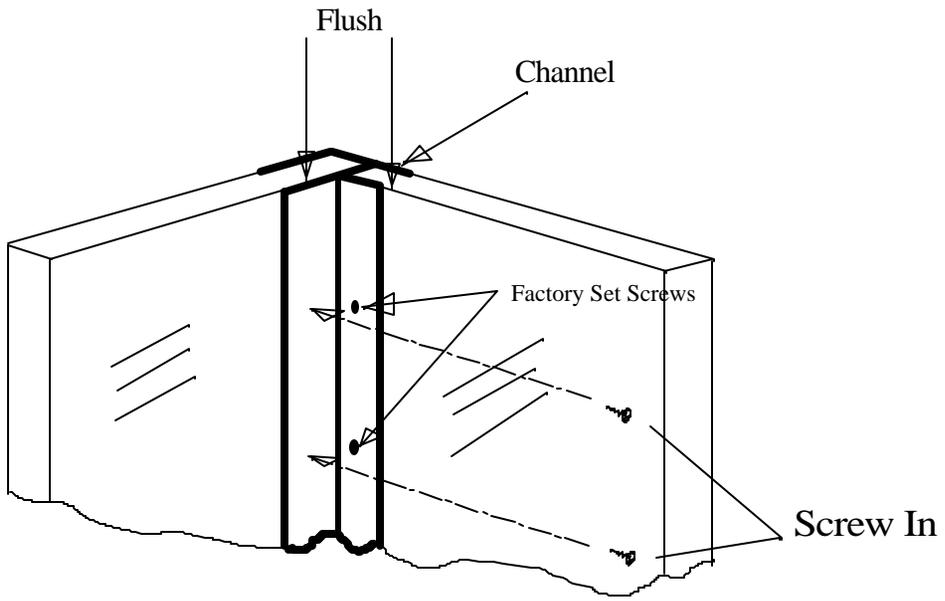


Fig. 1

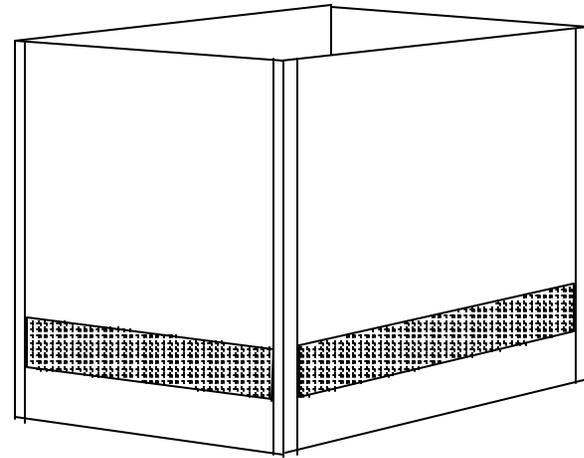


Fig. 2

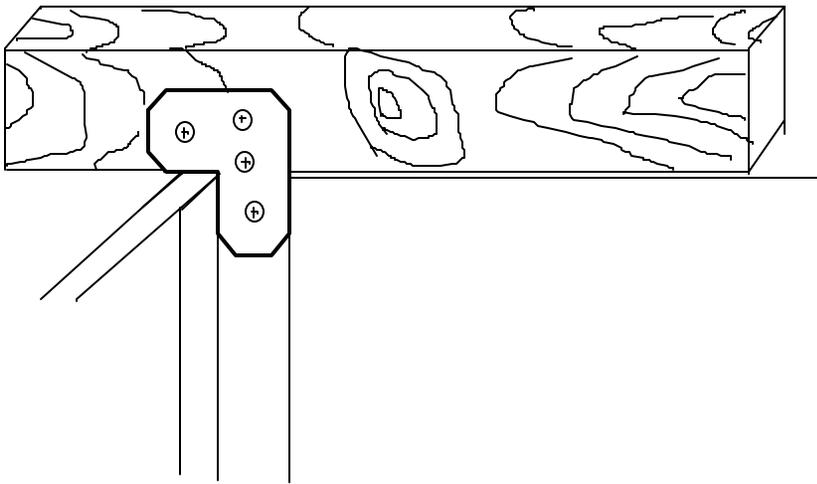


Fig. 3

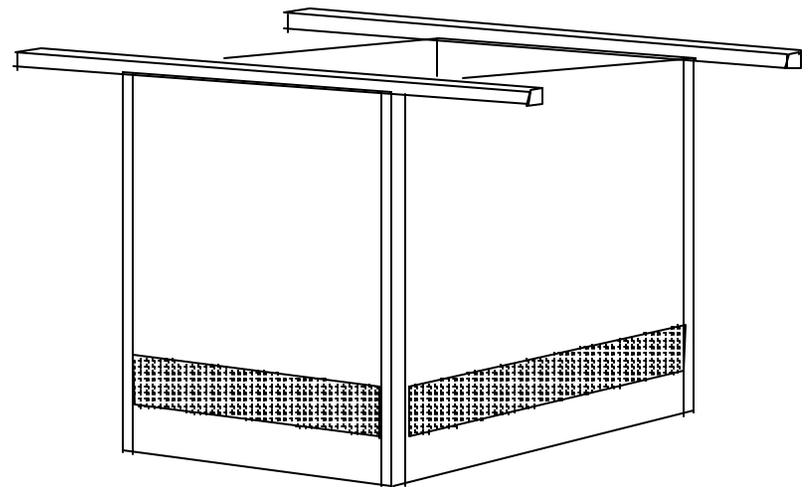


Fig. 4

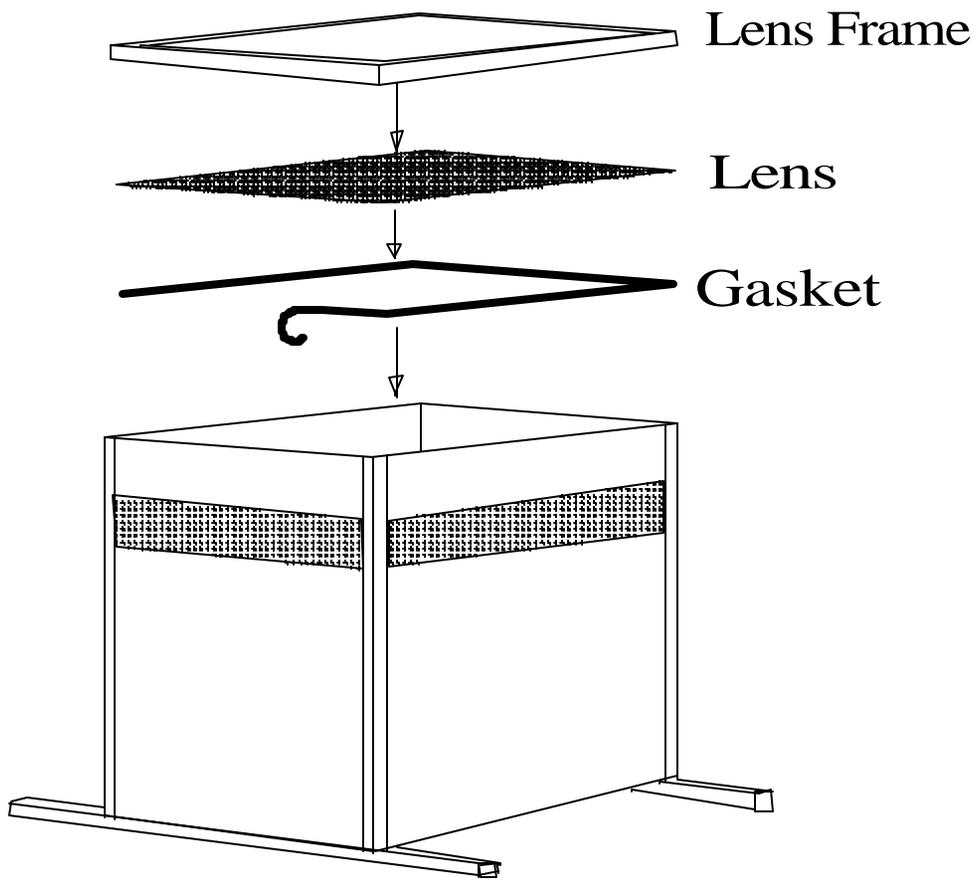


Fig. 5

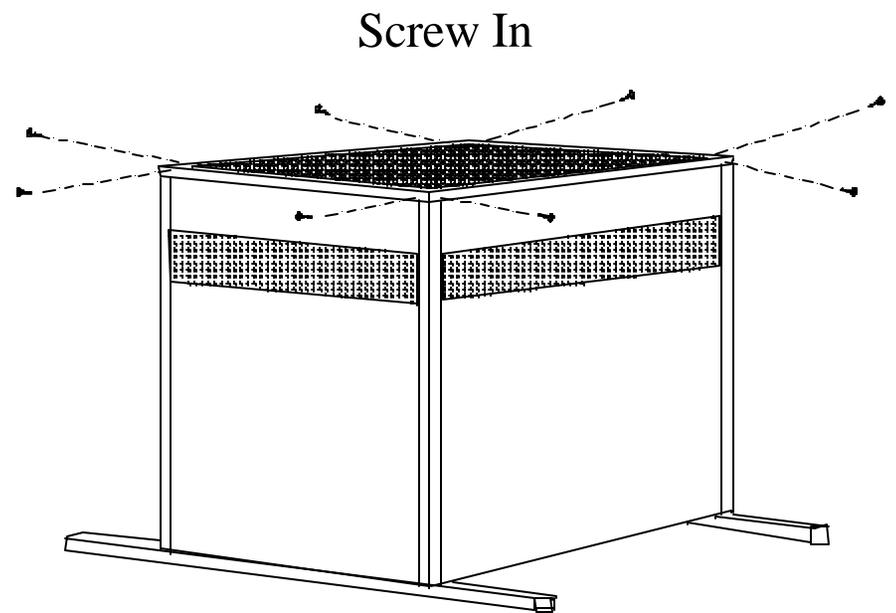


Fig. 6

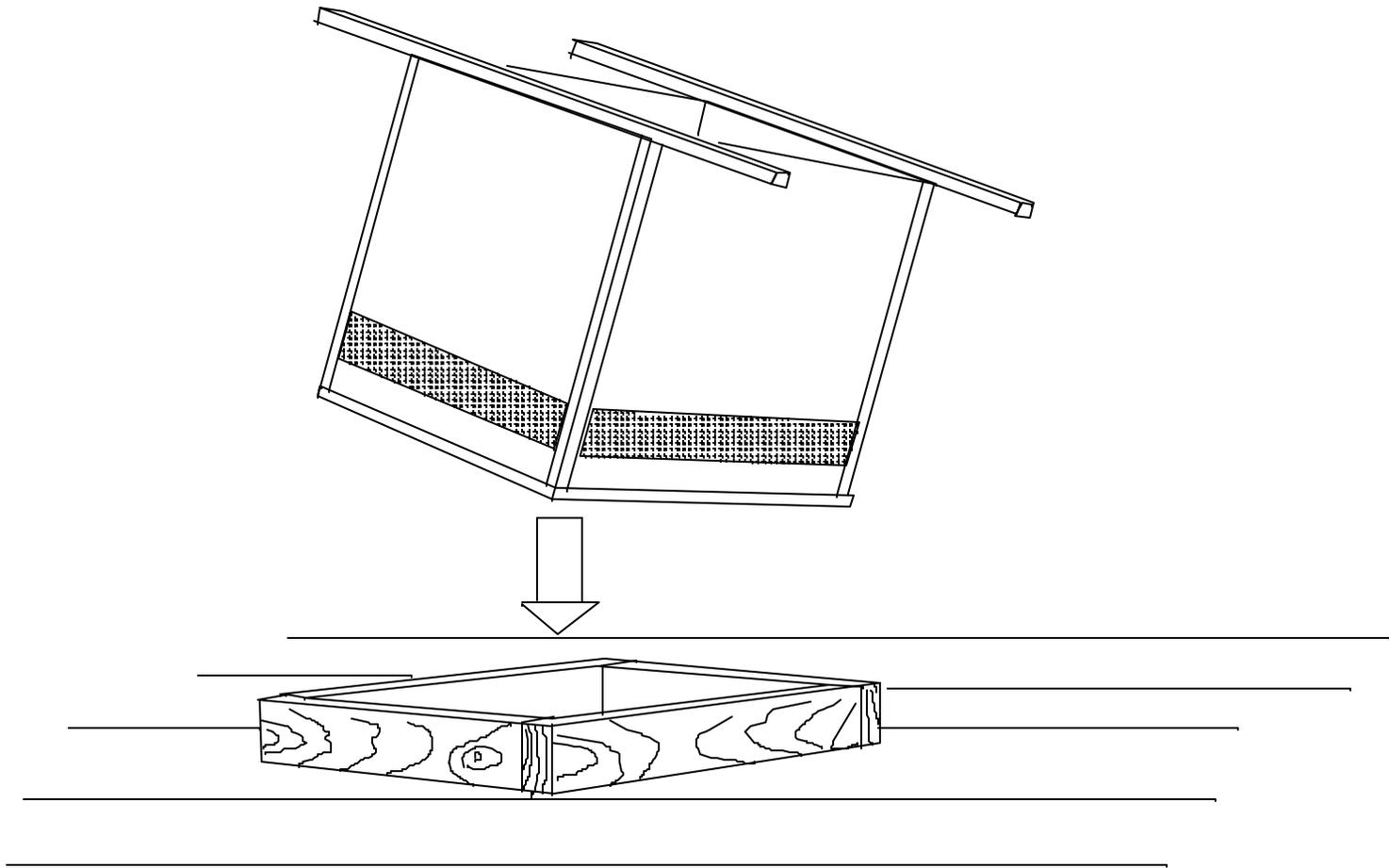


Fig. 7

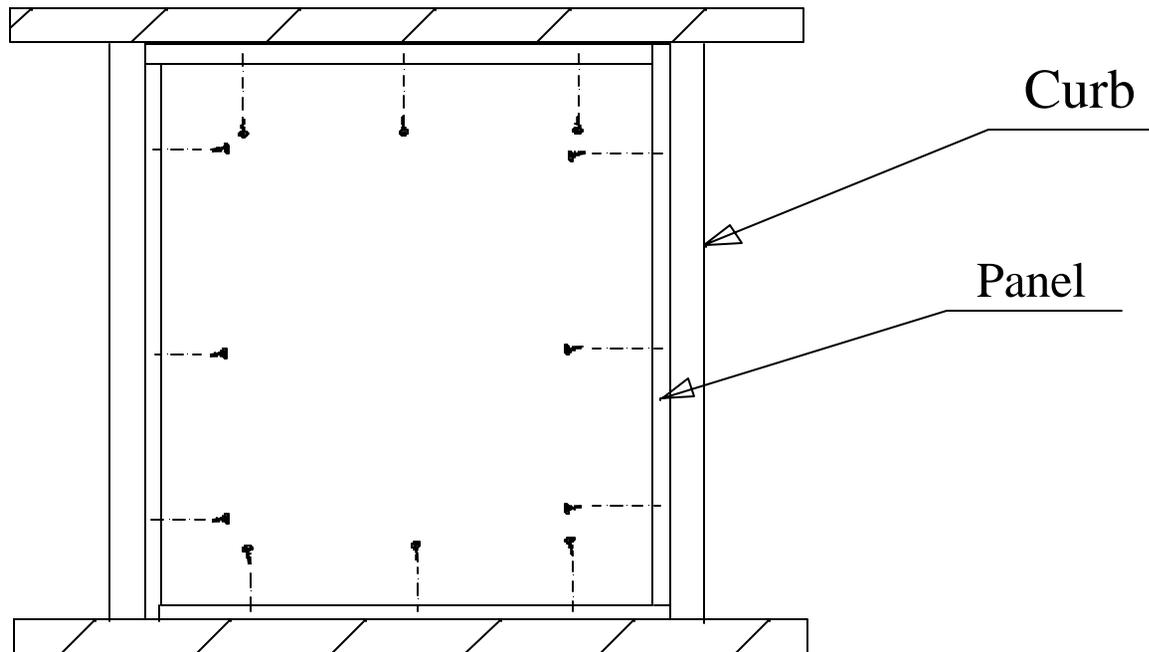


Fig. 8

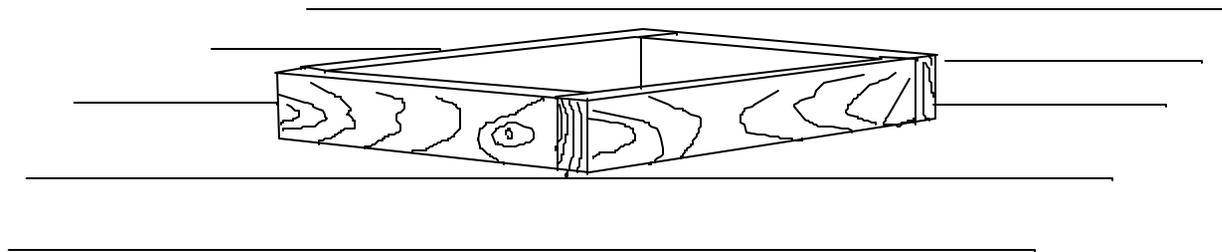
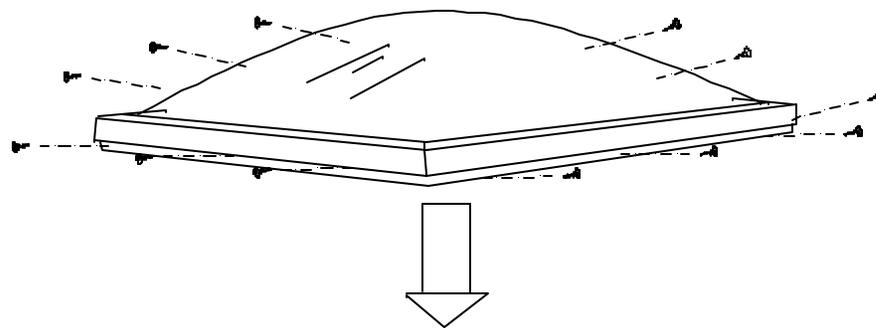


Fig. 9