

PYRAMID HOUSE TAKES SHAPE

Acurlite Structural Skylights is proud to design, engineer, and manufacture a unique pyramid house that resembles the Luxor Hotel in Las Vegas, NV. Acurlite Structural Skylight was presented with a challenge from a daring customer (Rick Rickard); Mr. Rickard asked Acurlite to design, engineer, and manufacture a pyramid house that resembled the Luxor Hotel. Rickard's challenge was one that Acurlite was up to and wanted to see take shape. The goal was simple to engineer and manufacture a Pyramid House that was 56' 0" x 56' 0".



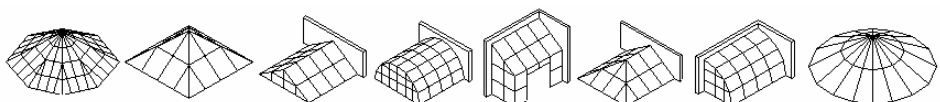
At first glance Acurlite could not take the request seriously because they knew the cost that would be associated in building a structure of this size. Acurlite started to understand just how real the request was when Mr. Rickard commissioned the design of the supporting substructure; the supporting substructure would support the large loads that the Pyramid House would generate. When designing the structural steel to take these large loads Acurlite was able to minimize the size of the rafters the actual skylight structure would be

constructed with. The pyramid house does not compare in size to the Luxor with it's 4,408 guest rooms or it's 120,000 sq/ft of gaming area; but it is a unique and out of the ordinary large residential structure with a base of 56' 0" x 56' 0" and a 1st and 2nd floor that will be used as living area.

The Pyramid House Structure was a four sided structural glazed system; which utilized 1-5/16" Glazing. Acurlite's engineering team designed for an easy and exact installation not leaving any room for error; with precise measurements and accurate engineering the Pyramid House was installed exact to every inch. From time of order to the completion was only 16 weeks on the Pyramid House leaving Acurlite the only choice for Rick Rickard.



Acurlite Structural Skylights, Inc. is a Pennsylvania based manufacturer of commercial heavy duty skylights, pre-glazed skylights, and point supported glazing. Acurlite also offers complete engineering services, delivery, and installation. Acurlite Structural Skylights, Inc. is a WBE owned and operated company with over 100+ years of combined experience in the glass and glazing industry.



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