

“SKYLIGHT”

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In today's age we are constantly searching for various methods of saving energy and designing energy efficient products thereby striving for sustainability. Energy efficient products get manufactured in almost all the day to day appliances we use. Skylight is one such method of making our buildings energy efficient. Skylights are a great addition to any house, as they bring in more natural light – cutting down on artificial light electricity costs, as well as promoting good health for a home's occupants. Using automatic solar tracking system we make sure that maximum light gets projected into the building naturally thus saving a lot of energy. Solar Tracking makes sure that the concentrated light falls on a cone shaped absorber which then filters the light down to the rest of the building through optical fiber wires of big radius which then diffuses the light into the rooms through the optical diffusers.

Key Words: Skylight, Energy efficient, Solar tracking,