

New Energy Efficient Daylighting Technology – Kinard Junior High School



RB+B Architects, Inc. has been designing educational and public spaces in Colorado for over 50 years. Their expertise is well known through out the state and is praised among their clients. They have a well rounded team who believe in approaching the design challenges from inception to occupancy and listening to their clients needs. RB+B is committed to not only focusing on design quality but also to the highest level of client service. To maximise academic performance, RB+B integrated Solatube Daylighting Systems into the classrooms of Kinard Junior High School.

Objective

The Solatube Daylighting Systems are supplements to the aggressive energy efficiency goals of the school and helped to reduce the amount of electric lighting needed during the normal school day.

Products Used

20 Solatube 21-C (21 in/530 mm Daylighting Systems) with Prismatic Diffusers

43 Solatube 290 DS (14 in/ Prismatic Diffusers)

Solution

RB+B knows that natural daylighting is a critical component of the high performance schools in Poudre School District. Kinard Junior High School is the recent example of how Solatube products can enhance classrooms, corridors and restroom areas. By using the Solatube Daylighting Systems in the upstairs corridors, they eliminated the need for electric lighting during daytime hours.

Testimonial

“By incorporating Solatube Daylighting Systems on both the north-and south-facing classrooms, RB+B allowed a balance of natural daylight from our window wall system. The combination of high performance windows and Solatube products, substantially reduces the amount of electric lighting needed during the day.

Solatube Daylighting Systems provide wonderful natural lighting in our upstairs restroom facilities, again eliminating the need for electric lights during the day.

We feel that Kinard Junior High School is an excellent example of providing students and staff with exceptional natural daylit classrooms and also reducing our energy use. By reducing our energy costs, we can put the money we save to work in the classroom where it belongs.”

Stu Reeve
Manger, Poudre School District (PSD)



Please note residential and commercial case studies can also be provided upon request and if you require any further information please do not hesitate to make contact.

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