



Education

Tubular Daylighting Technologies
for Learning



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Innovative natural lighting that helps students and teachers live, learn and feel better.

Access to daylight is an important element in the learning environment. Using Solatube Tubular Daylighting Devices (TDDs) provides a solution for improving an educational environment and does more than simply brighten up a space.

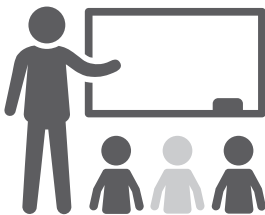
Solatube TDDs feature innovative optical technologies that balance light output and thermal performance, delivering optimal light levels without glare or shifting patterns of light. Great for retrofit and new construction, TDDs are easily adaptable to existing structures and fit into T-Bar ceilings without any structural modifications. Solatube daylighting devices minimize uncomfortable heat gain and help reduce HVAC operating costs. Dimmers add flexibility to lighting levels and help maintain visual comfort.

The delivery of quality daylight to the school environment has been shown to improve concentration, reduce behavioral issues and foster greater student achievement. It also promotes lower absenteeism and higher employee retention. And that’s just the beginning.

Pivotal studies, such as those performed by the Heschong Mahone Group (HMG), found a high correlation between schools that reported improvements in student standardized test scores and those that reported greater amounts of daylight in the classroom. Students with the most daylight in their classrooms scored 20% higher on math tests and 26% higher on reading tests in one year than those with the least*.



CLASSROOMS
GYMNASIUMS LABS
LIBRARIES AUDITORIUMS

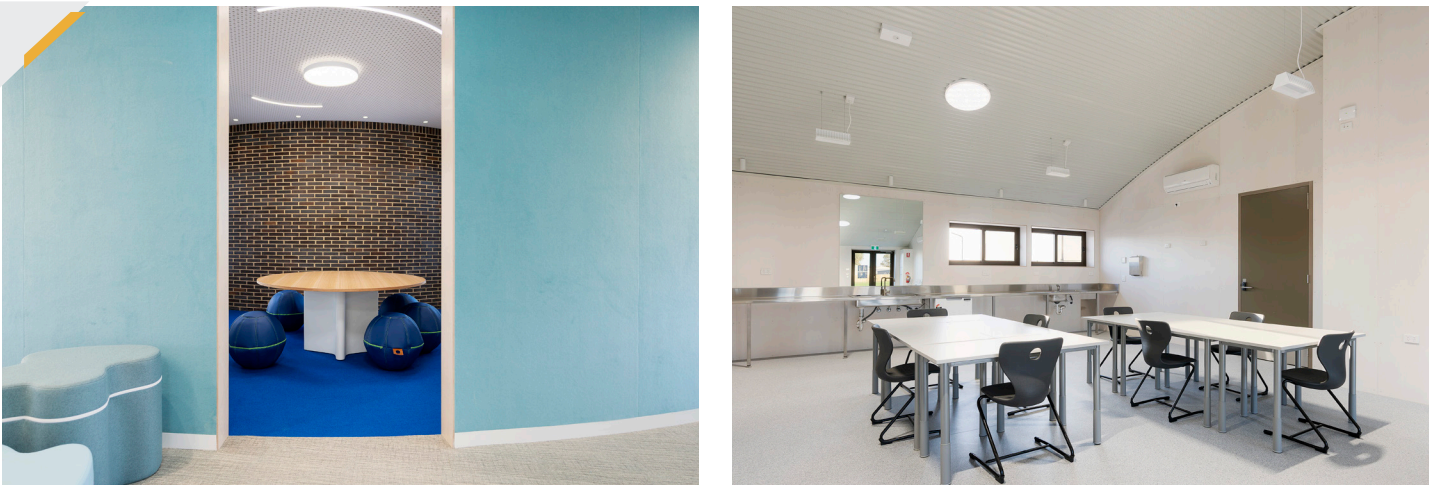


IMPROVING A CLASSROOM'S
DAYLIGHTING
REDUCES STRESS &
MOOD DISORDERS



DAYLIGHTING CAN BOOST
CHILDREN'S LEARNING
ABILITIES

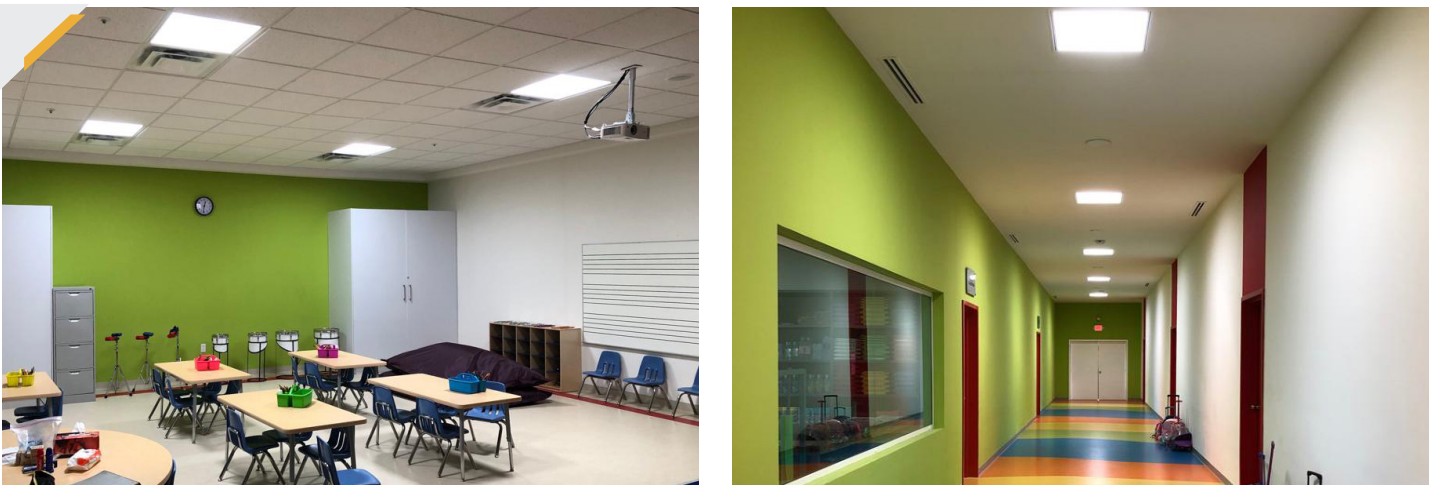
Echuca Twin Rivers Primary School // Echuca, Victoria, Australia // Architect: Kneeler Design Architects



Sunnyvale Independent School District // Sunnyvale, TX // Architect: WRA



El Colegio Americano de Torreón // Coahuila, Mexico // Architect: Ruben Gonzalez Montaña



Arizona State University
Tempe, AZ // Architect: Weddle Gilmore Black Rock Studio



Douglas Elementary School
Boulder, CO



*Heschong Mahone Group, "Daylighting in Schools: An Investigation into the Relationship between Daylighting and Human Performance" (Aug 1999), 11