



Design Collections | 2024 Edition

DAYLIGHTING AT WORK



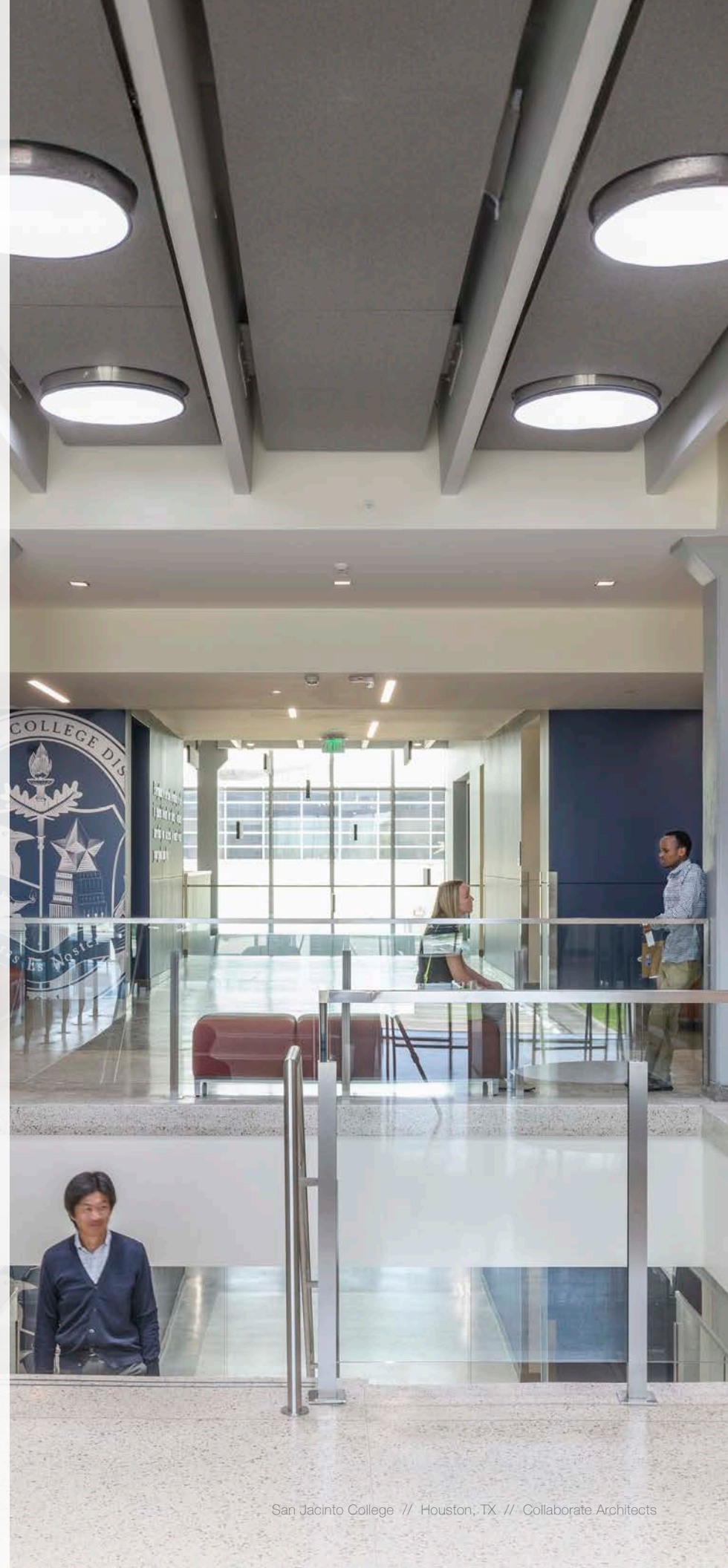
SOLATUBE

A Kingspan Light+Air Company

For over 30 years, Solatube has pioneered industry-leading tubular daylighting technologies to bring natural light to places that were once thought unimaginable. Solatube Tubular Daylighting Devices (TDDs) significantly reduce the need for electric lighting while keeping people connected to the natural environment. The incorporation of optical technologies improves the way daylight is captured and delivered to interior spaces. Solatube Daylighting Systems are modular and easily integrate into ceiling systems or exposed structures. Unlike traditional skylights, they reduce glare and inconsistent light patterns, while screening UV and infrared wavelengths that can fade finishes and overheat interiors.

We celebrate the commercial designers and architects worldwide who regularly integrate Solatube Daylighting Systems to create beautiful and functional spaces that we work, learn, and thrive in.

Enjoy the latest collection of these unique applications and gain inspiration for your next project.



San Jacinto College // Houston, TX // Collaborate Architects

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Cover: Legacy Magnet Academy // Tustin, CA // PJHM Architects

Solatube for Function

Solatube Tubular Daylighting Devices (TDDs) can be strategically utilized in a variety of spaces ensuring a well-lit and efficient working environment. With remarkable color rendition, Solatube daylighting authentically represents hues, creating a true-to-life palette. In manufacturing, superior color rendition can help deliver benefits in quality control. In retail, Solatube TDDs enrich the shopping experience by cultivating an ambiance that authentically showcases products and enhances customer engagement. Solatube Tubular Daylighting has been utilized to deliver a variety of unique lighting solutions in research facilities, where daylight or its delivery plays an important role for success.



Task Lighting

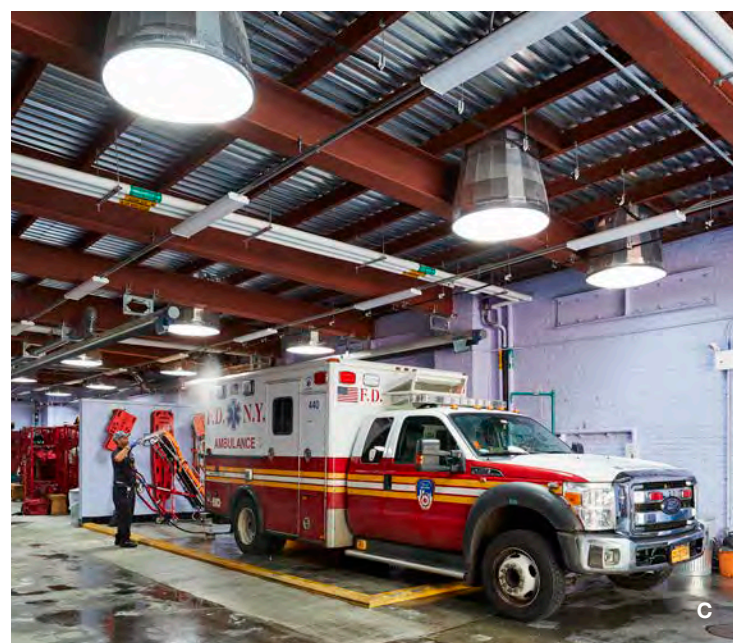
A. Solatube International // Vista, CA

B. Solatube International // Vista, CA

C. FDNY EMS Station #39 // Brooklyn, NY // Bonnetee Riley Architects

D. Bell's Brewery // Comstock, MI // Bryce & Associates

E. Mars International India // Pune, India // Mars Engineering Team



Merchandising

- A. Petco // Lake Elsinore, CA // Petco Architect
- B. Walgreens // Miami Beach, FL // Demandt Architecture
- C. Nemetz Warehouse // Orange, CA // Mark Botich
- D. Puesto // Huntington Beach, CA // Architects Orange
- E. Granahl Lumber // Pasadena, CA // ONYX Architects



Unique Lighting Solutions

A. UCSD // La Jolla, CA // CRB Architects & Engineers PC // Ocean-Atmosphere Research Simulator Lab

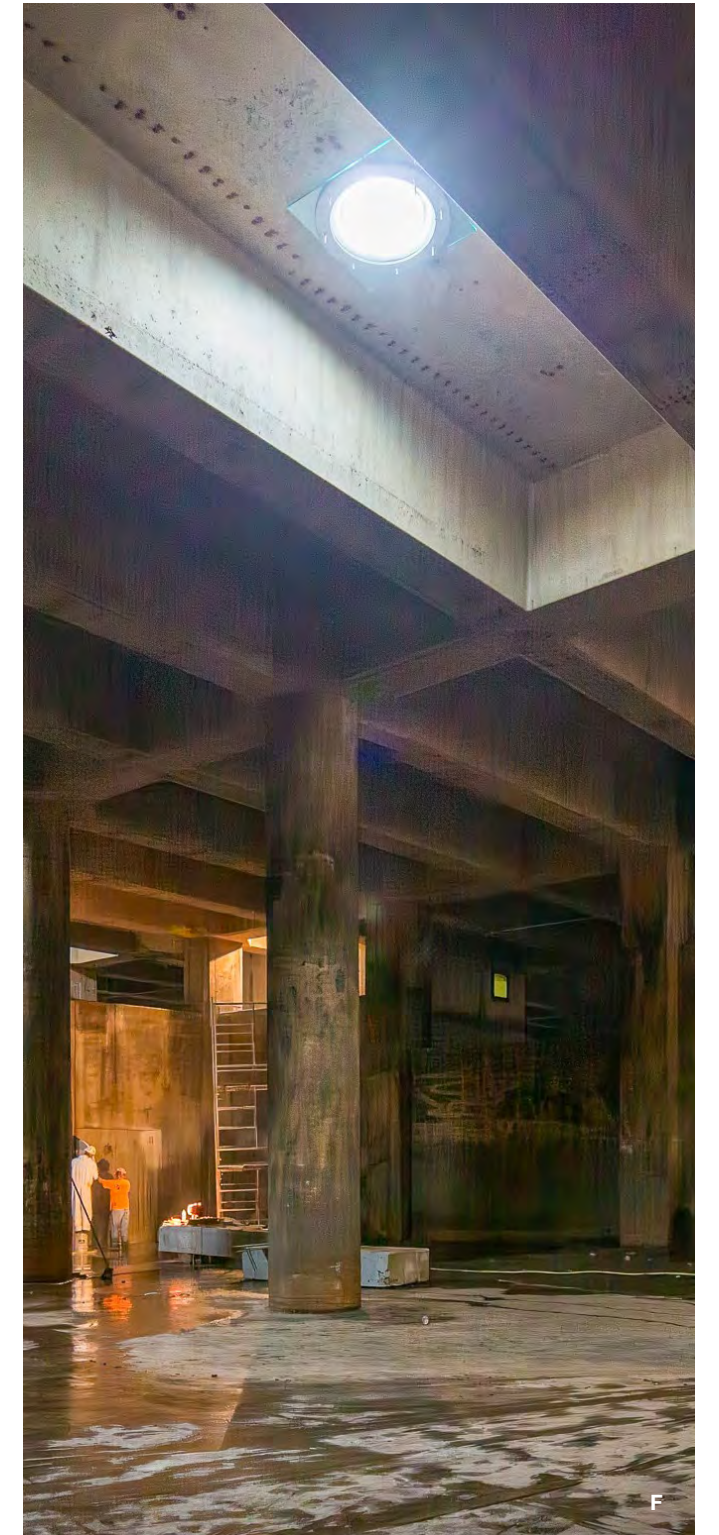
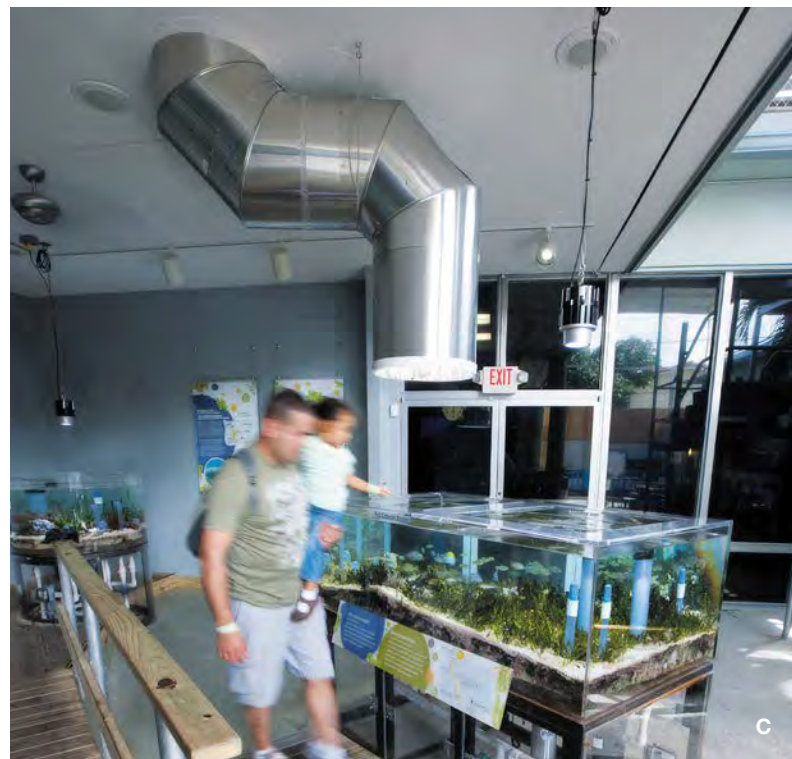
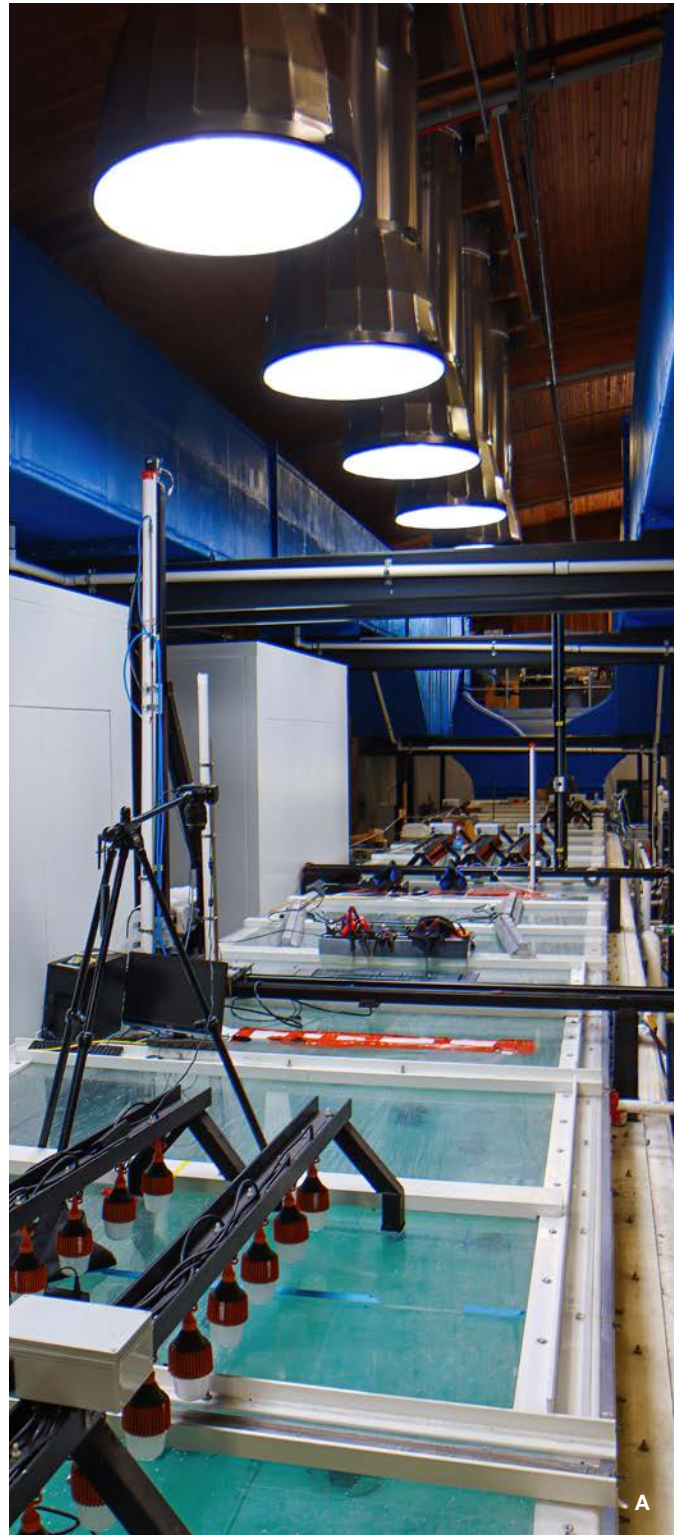
B. Private Home Harskamp, Netherlands // Courtesy of TechComLight B.V.

C. Miami Science Center // Miami, FL // Fishtank Exhibit

D. Cheese farm de Grootte Voort, De Waagenschuur, Holland // Courtesy of TechComLight B.V.

E. Woodland Zoo // Seattle, WA // Dennis Poon // Komodo Dragon Enclosure

F. Akron COS // Akron, OH // GPD Group/Akron Engineering Bureau // Combined Sewer Overflow



Solatube for Human Centric Design

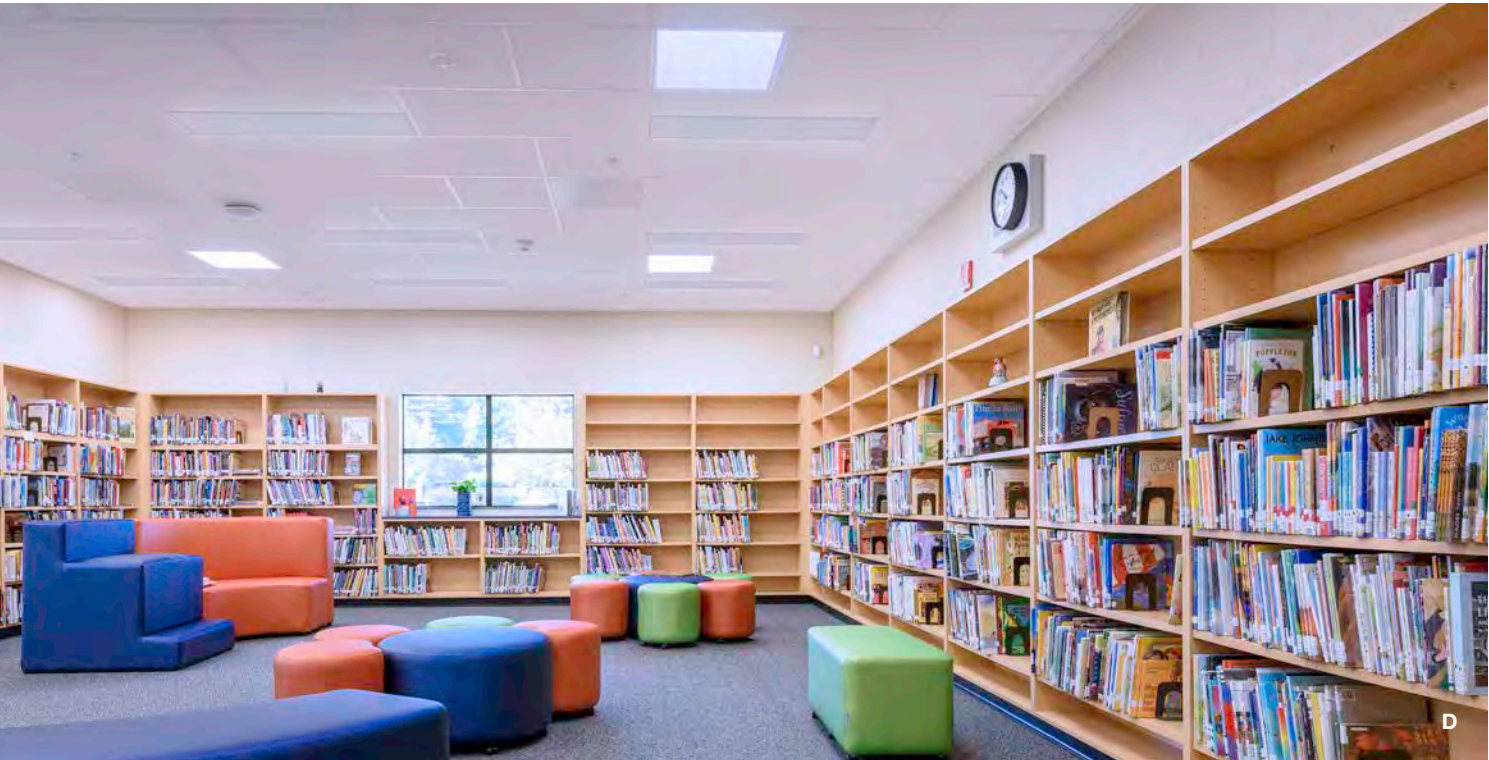
Daylight delivers the mental and visual stimulation necessary to regulate human circadian rhythms and improves the production of neural transmitters.

Serotonin (sometimes known as the happy chemical) leaves us feeling more energized and optimistic, while fighting and reducing stress, anxiety, depression, and seasonal affective disorder (SAD). This improves the health and well-being of not only working adults, but also of students in learning environments. By integrating Solatube Daylighting Systems into a building design, occupants inside the building are more likely to experience increased productivity, amplified creativity, and improved morale.



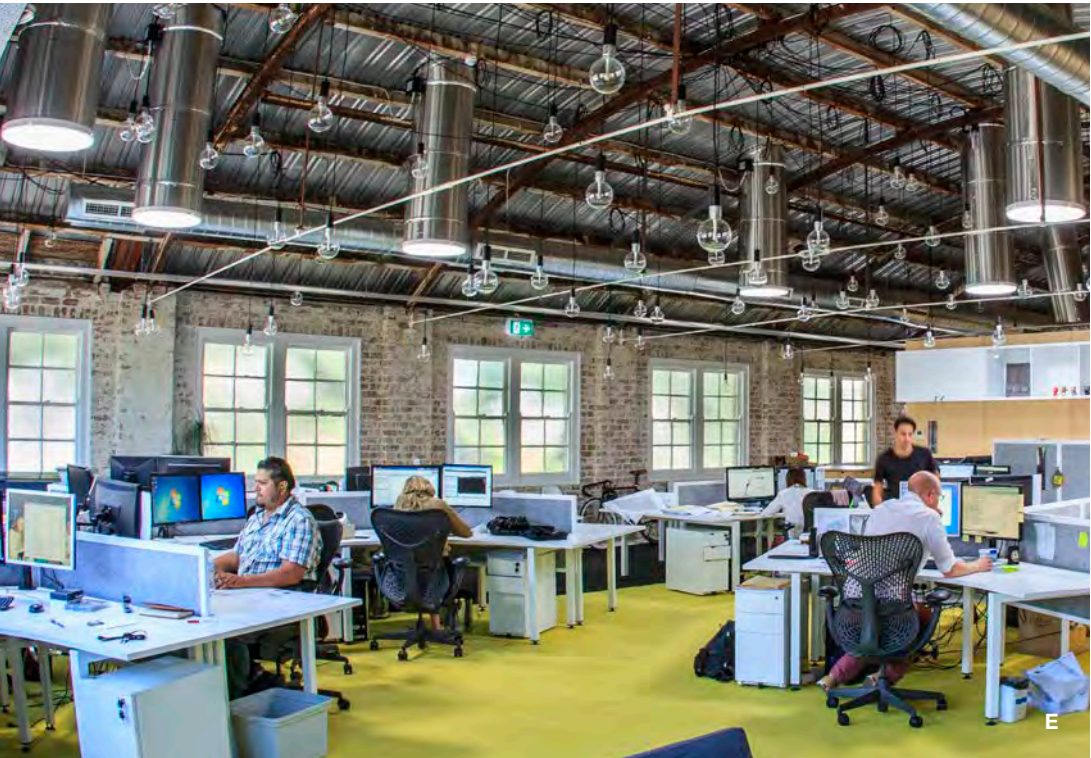
Learning Environments

- A. Arizona State University // Tempe, AZ // Weddle Gilmore Black Rock Studio
- B. Echuca Twin Rivers Primary School // Echuca, Australia // Kneeler Design Architects
- C. Echuca Twin Rivers Primary School // Echuca, Australia // Kneeler Design Architects
- D. Flora Arca Mata Elementary // Stockton, CA // Teter Architects
- E. Capitola Library // Capitola, CA // Noll & Tam Architects



Workspaces

A. Focus Lighting Inc. // New York, NY // Paul Bennett Architects
B. Iopsalute, Inc. // Pescara, Italy // Stefano Agnello
C. Mod Market // Boulder, CO // Ethos Architecture Group
D. Beer City // Qingdao, China // Yuhua Zhao
E. I2C Architects // Sydney, Australia
F. Project Angel Heart // Denver, CO // Sink Combs Dethlefs



Sports & Recreation

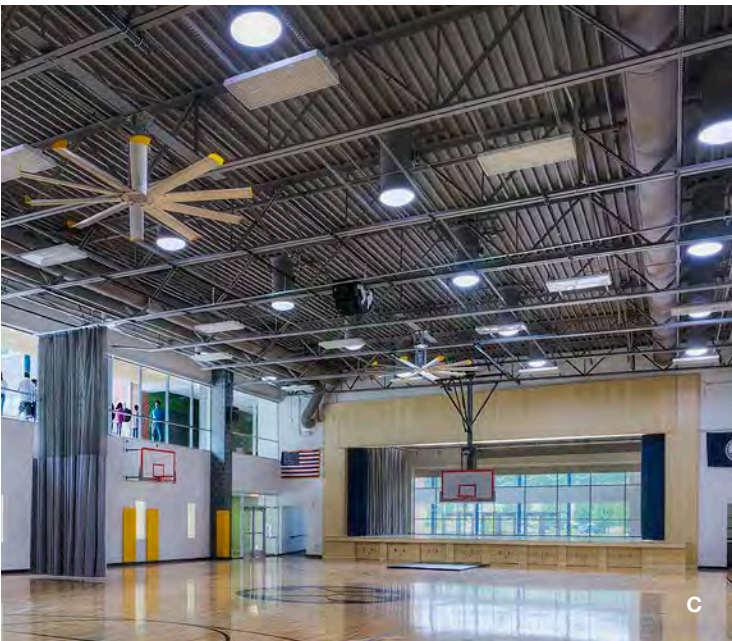
A. Mesa Rim Climbing Gym // San Diego, CA // NOAA Group

B. Beijing University // Beijing, China

C. Manassas Park Elementary School // Manassas, VA // VMDO

D. Beijing Tennis Stadium // Beijing, China

E. Michelle and Barak Obama Sports Complex // Los Angeles, CA // SPF Architects



Solatube for Sustainable Design

Solatube Tubular Daylighting Devices (TDDs) are considered an important part of sustainable building design because they reduce the need for electric lights during daylight hours. Due to the excellent thermal efficiency of Solatube daylight systems, there is minimal heat loss during the winter months. On hot summer days, the system minimizes heat gain in the building, reducing the cooling load. Daylighting with Solatube can breathe new life into old, windowless spaces. Unlike traditional windows or skylights, Solatube solutions are adaptable and reconfigurable when future renovations occur. TDDs can help achieve USGBC LEED® and Net Zero Energy design goals.



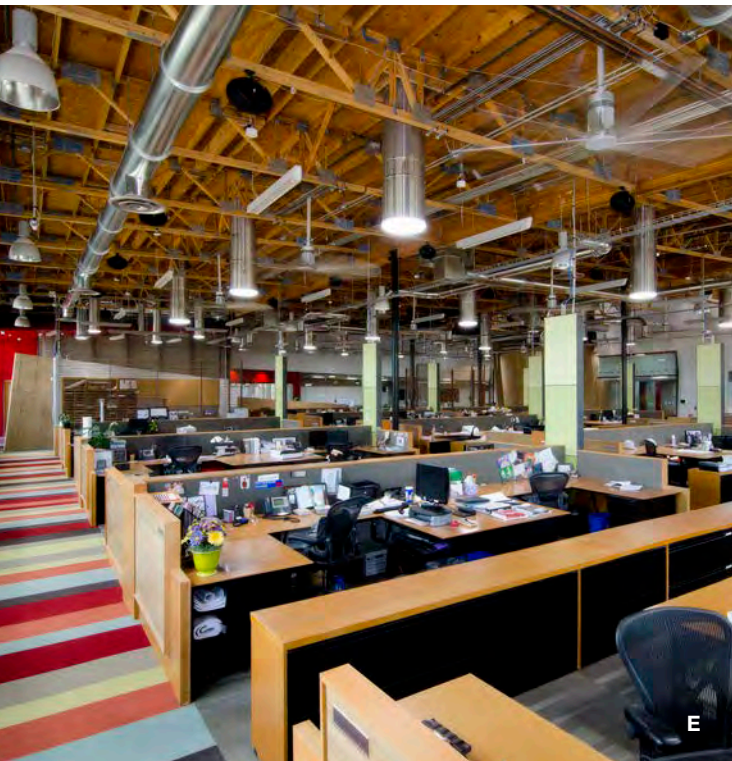
Environmentally Focused

- A. Knoch Knolls Nature Center // Naperville, IL // Wight & Company (Aquarium Exhibit)
- B. Bell's Brewery // Comstock, MI // Bryce & Associates (Green Roof)
- C. DPR Container // San Diego, CA // DPR Construction (Net Positive Construction Trailer)
- D. Algae to Omega Holdings, Inc // Oakland Park, FL (Algae Growth Support)



Adaptive Reuse

A. Hotel Emery // Minneapolis, MN // McCaren Designs (Historic Midland Bank building converted into a hotel)
B. Wende Museum // Culver City, CA // Paravant Architects (National Guard Armory converted into a Cold War era museum)
C. Lincoln Independent School // Fergus Falls, MN // Design Intent Architects (Big box retail converted into a school/daycare)
D. Brentwood School // Los Angeles, CA (Modular Gen7 classroom – adaptable design)
E. DPR Construction // Phoenix, AZ // DPR Construction (Industrial space converted into offices)
F. Granahl Lumber // Pasadena, CA // ONYX Architects (Car dealership converted into a lumberyard)



Solatube as a Design Feature

Daylight is an exceptional design material that can be incorporated in an overall beautiful and inspiring design. Just like stone, wood or glass, you can incorporate natural light to define and enhance a space, draw focus to a specific room element or infuse excitement into an area. Solatube tubular daylighting can be part of a unique overall design, drawing attention to tubes, shades, shapes or colors. Other innovative lighting designs include light wells, luminous walls or “port holes”, and perimeter wall washing techniques.



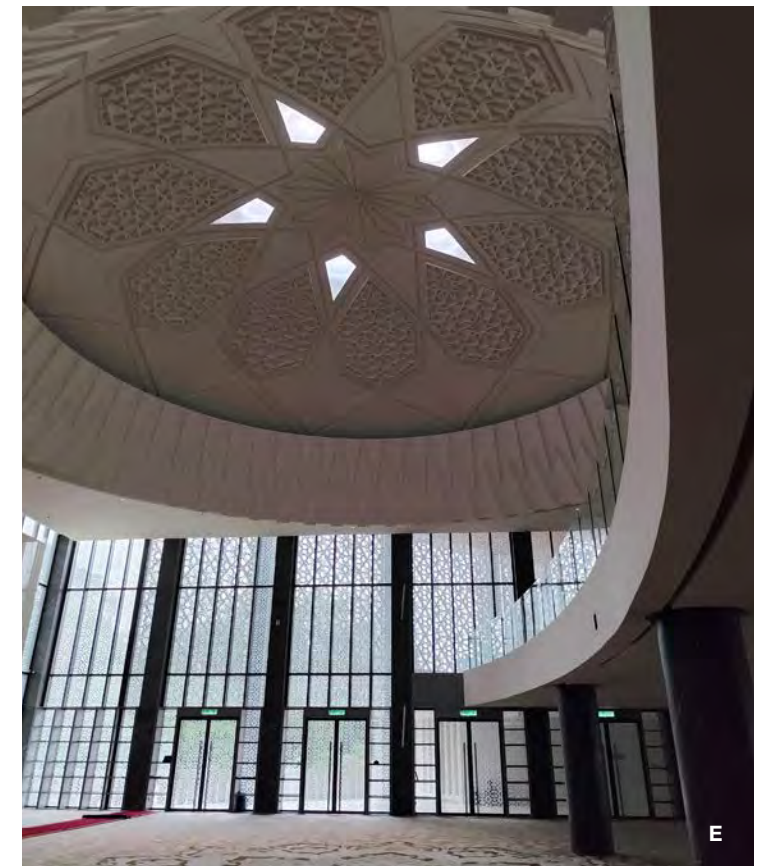
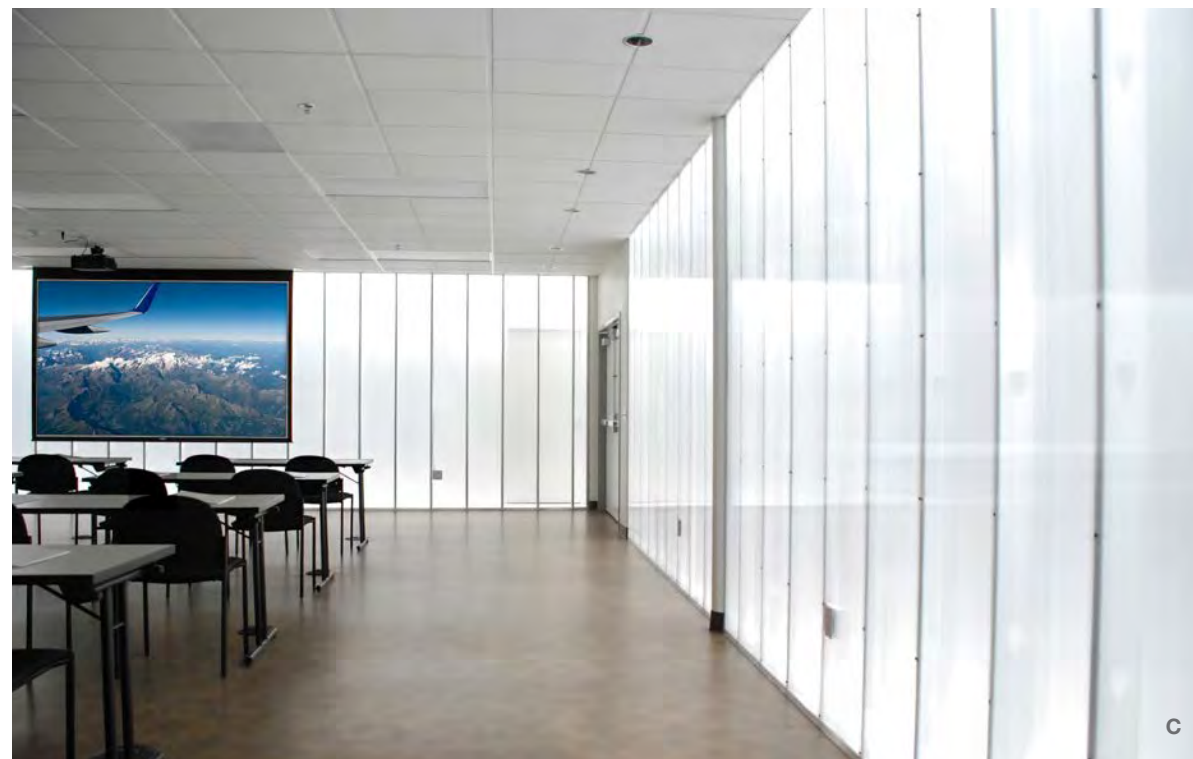
Shapes & Colors

- A. Solatube International // Vista, CA
B. The Cheesecake Shop // Sydney, Australia // PTI Architecture
C. Miami Dade College // Doral, FL // VIA Design Studio
D. REI // Round Rock, TX // Gensler
E. Unicredit Bank // Reggio Emilia, Italy // Frigerio



Unique Daylighting Designs

- A.** The Vine // Irvine, CA // LPA Design Studios (Light well combining four devices on a grouped curb)
B. Solatube International // Vista, CA (Side wall installation for "Port Hole" effect)
C. Solatube International // Vista, CA (Interior wall illumination)
D. El Monte Sagrado Resort // Taos, NM // David Sargent (Crystal diffuser design)
E. Merdeka 118 // Kuala Lumpur, Malaysia // PNB Masjid (Integration in temple ceiling design)



Digital Version



Contact us for more information:

solatube.com/commercial/request-information



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