

# South Whittier Library

## Education

### Case Study



#### CLIENT

South Whittier Public Library

#### CHALLENGE

Replace old, outdated library while integrating energy-efficient natural lighting, targeting a platinum LEED rating. Create a vibrant, safe space for the community.

#### RESULTS

Daylighting incorporated throughout the library; minimal electric lighting needed during the day. The project received LEED Platinum certification, which makes it the third of only 3 LA County Library LEED Platinum buildings.

#### PRODUCT

Solaube 160 DS, 290 DS, 750 DS-O, 750 DS-C Daylighting Systems, Wall-mounted diffusers

#### SOLATUBE INSTALLER

emar Studio for Public Architecture,  
Erik Mar, Principal

#### ARCHITECT

Green Dinosaur, Inc.

**BACKGROUND:** The South Whittier Public Library is located in South Whittier, Calif. The original public library, which opened in October 1988, had become too small for the growing community, so the County dedicated funds for a replacement facility over twice the size of the original.

---

“Solatube daylighting systems are a beautiful and very opportune way to allow natural light into the building.”

- Vache Keledjian

*LA County Libraries Capital Project Manager*

---

**CHALLENGE:** The County of Los Angeles Public Library is committed to energy-efficient spaces and environments, so the design team prioritized the incorporation of natural light, as it aimed for the highest level of LEED Certification.

“South Whittier Public Library is targeting LEED Platinum, so daylighting and daylight harvesting was a major part of the design strategy and Solatube played a critical role in that,” said Erik Mar, principal at emar Studio.

**SOLUTION:** The public library is the third of only three Los Angeles (LA) County Library LEED Platinum buildings. The South Whittier Library was able to reduce building lighting electricity consumption by 38% through use of Solatube units, daylighting strategies and daylighting controls.



# South Whittier Library Education

## Case Study

“As you can see from the photos Solatube Daylighting Systems are a beautiful and very opportune way to allow natural light into the building,” said Vache Keledjian, Capital Project Manager for LA County Libraries. “They help us save energy and in the long-run more people feel comfortable when they get natural light coming in as opposed to artificial light. It’s a win-win situation and we are very proud and fortunate to be using the Solatube daylighting systems here.”

The project used 64 units in total.

**RESULTS:** “To utilize fresh, natural light just opens everything up,” said Don Knabe, former LA County Supervisor. “It’s fresh, it’s alive, it makes you feel good, it’s clean and it’s beautiful.”

Residents of South Whittier now have a beautiful, up-to-date library, flooded with daylight.

Get design help or information for your next project.  
Visit <http://www.solatube.com/commercial> or call  
1-888-SOLATUBE.

Solatube International, Inc.  
2210 Oak Ridge Way | Vista, CA 92081 | 888.765.2882  
[www.solatube.com](http://www.solatube.com) | © Copyright 2018

