

Interior Tech

Office

Case Study



CLIENT

Interior Tech

www.interior-tech.com

CHALLENGE

Replace aging skylights with high quality daylighting solution

RESULTS

Improved light quality and reduced electricity use

PRODUCT

6 Solatube SkyVault Series M74 DS Units

12 Solatube SolaMaster Series 750 DS Units

SOLATUBE DISTRIBUTOR/INSTALLER

Interior Tech

BACKGROUND: Established in 1947, Interior Tech is one of the largest building specialty product contractors in the Pacific Northwest.

CHALLENGE: To meet the needs of its expanding business, Interior Tech bought and retrofitted a warehouse constructed in 2004.

A major challenge was replacing existing 4 ft x 8 ft skylights in the 20,000 sq ft warehouse space that were aging, hazy, and emitting an unappealing and artificial-looking yellowish light.

The skylights simply weren't meeting the goal of supplying employees in the centrally located 3,000 sq ft office area with bright, natural light.

“They (SkyVault Series units) are a better, more efficient way to get daylight into the warehouse than just a normal skylight.”

~Eric Nelsen
Project Manager, Interior Tech

SOLUTION: As a Solatube® Certified Commercial Distributor, Interior Tech knew that Solatube Daylighting Systems would stream daylight into their facility.

No new roof penetrations were needed. The company used the skylight openings and commissioned special curb adaptors from a Midwest supplier to perfectly fit the new Solatube units.



Before



After

Interior Tech

Office

Case Study

Interior Tech installed 6 Solatube SkyVault® Series M74 DS and 12 Solatube SolaMaster® Series 750 DS units in their warehouse and office areas.

The company also added daylight dimmers to units in offices and conference rooms, so occupants could adjust daylight levels when necessary. LED lighting was installed for nighttime use.

Specially designed extension tubes and angle adaptors allowed installers to maneuver around building HVAC and other structures, placing daylight exactly where it was needed.

“Getting the natural light into those areas wouldn’t have otherwise been possible without Solatube. A skylight would not have done it,” Nelsen said.

RESULTS:

Solatube Daylighting Systems have improved the building’s light quality and created better visibility for both office tasks and warehouse production work.

The grey, overcast skies the Northwest is known for isn’t a problem since Solatube Daylighting Systems are engineered to maximize light capture and transfer, unlike the skylights they replaced.

They’ve also helped Interior Tech reduce lighting energy costs by cutting daytime electricity use.

“We chose to use the SkyVaults in particular because they are a better, more efficient way to get daylight into the warehouse than just a normal skylight,” said Eric Nelsen, project manager for Interior Tech. “And there’s no question they met expectations.”

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