

Project:

Macy's Fulfillment Center

Building Type: Warehouse/Distribution



Macy's, Inc. is one of the nation's premier retailers, operating Macy's department stores and furniture galleries as well as Bloomingdale's department stores, home stores, and outlet stores. Macy's, Inc. has been daylighting their fulfillment and distribution centers with Solatube® Daylighting Systems since 2002.

Objective

The original 600,000 sq ft Macy's Fulfillment Center in Goodyear, Arizona had Solatube SolaMaster® Series 330 DS-O (21 in. diameter) units installed when it was initially built. In response to an increase in direct-to-customer shipments as a result of Macy's omni-channel sales approach, the company chose to expand the facility an additional 350,000 sq ft. The company looked to Solatube International, Inc. for a daylighting solution that would help achieve similar light levels, but would require fewer roof penetrations.



Solution

Macy's and their design team at Ware Malcomb Architecture chose to daylight the expanded area with the Solatube SkyVault® Series M74 DS (29 in. diameter) which was engineered specifically for high bay, large volume spaces. Achieving desired light levels, meeting energy savings goals, improving quality control, and creating a better work environment for employees has been possible for Macy's with the consistent daylight provided by the Solatube M74 DS units.



Products Used

- Original Fulfillment Center – 240 Solatube 330 DS-O units
- Expansion - 105 Solatube M74 DS units

Testimonial

"We have been using Solatube Daylighting Systems for over a decade and we continue to be impressed with the quality and performance, especially the new SkyVault Series. The amount of light delivered by these new units is truly incredible, allowing us the opportunity to turn off our electric lights during the day, and reduce our peak demand load. More importantly, the natural light creates a better work environment for our most important asset – our people."

Kermit Ferrer

VP of Distribution Planning, Capital and Properties
Macy's, Inc.



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