

Arcadia, CA | Westfield Santa Anita Mall



Mall roofing installation improves interior comfort level, satisfying vendors, visitors and management

Film Type: **SkyLite XTRM Silver 20**

17,000
sq ft
glass installed

300,000
kWh per year
energy savings

~\$40K
annual saving

- **Description:** 600+ individual skylights on rooftop of large Californian mall
- **Size of job:** 17,000 sq ft of glass installed with XTRM SkyLite S20X
- **Implementation:** Solar Art Window Film
- **Estimated energy savings:** 300,000 kWh per year, an annual saving of ~\$40K

Project task:

The facility managers of the **Westfield Santa Anita Mall** in Arcadia, California were anxious to resolve complaints by kiosk vendors and their clientele of annoying glare and soaring temperatures, still troublesome despite the mall's powerful air conditioning. The main hall was floodlit by sloping skylights that filled the central area with sunlight and overpowering heat, making midday trading – and shopping – insufferable.

The facility team contacted Matthew Darienzo, from Solar Art Window Film for advice. The problem was a challenging one, but Matthew knew that the answer lay in a reflective exterior film, which would deflect the sun's radiation before penetrating the glass, cutting heat gain, and minimizing glare. Only one film was guaranteed to perform under the tough semi-horizontal skylight conditions – **Hanita's SolarZone XTRM SkyLite S20X.**

Solution:

Rejecting over 80% of solar energy, and reducing glare by 84%, XTRM SkyLite S20X solar control film was the natural choice for upgrading the mall skylights. The Solar Art team's expertise in exterior installation ensured an efficient, safe and effective completion of the project.

The improved comfort was felt immediately, and positive comments flowed to the management from grateful vendors.

Another benefit the team saw within a few weeks resulted from the lower, more even ambient temperatures: the air conditioners consumed noticeably less energy. The result? An estimated \$40k cut in the mall's annual cooling costs.

The Westfield Mall management is currently considering duplicating the SkyLite project success at other venues throughout California.

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energy efficiency

