



## Project of the Month

### SUNPAL® Skylight, Yizhuang Shopping Mall, Beijing, China



Blending in with the quickly developing Yizhuang zone in Beijing, China, where a good number of foreign company headquarters are based, a new shopping mall has sprung up, illuminated with large Palram skylights.

In line with studies directly linking daylighting with the success of retail establishments, the project architect, Beijing Design Institute, selected Palram's Sunpal 18mm Light Blue Diffuser Plus to bring in daylighting through a domed skylight in the mall's center and vaulted skylights extending out in all four directions.

The easy-to-install, lightweight polycarbonate material is highly durable, helps thermal insulate the retail center—thereby saving on air conditioning costs, delivers electrical lighting savings and promotes occupant well being and a greater willingness to make purchases.

In fact, the well-known Daylighting Impacts on Retail Sales Performance study conducted by the former Heschong Mahone Group principal Lisa Heschong, reported up to 40 percent higher sales in skylit buildings, compared to only artificially-lit facilities.



In line with the designer's request for a light blue color, Palram customized the panels' hue, along with a diffuser to bring a softer light into the mall, thereby creating a more harmonious feel. The installer then took the customized panels and fabricated them into the vaulted skylights and central dome.

Regarding the former, the rectangular-shaped Sunpal sheets were simply curved on site to produce the arched skylights. As for the center dome, Palram's engineers recommended that the Sunpal panels be cut diagonally and then glazed along the diagonal line to create the skylight's circular shape.



Surrounded by several high-rise, high-end residential apartment buildings, the architect was also interested in Palram's anti-glare additive to prevent the skylights from radiating glare to the neighboring residences.

Not only is the owner, the Yizhuang Development Zone Municipality, pleased with the installation, but the contractor, Xinxing Co. Ltd., liked the Sunpal product so much that they plan to use it on the rooftop of an old age home in the area.

#### The Details

**Architect:** Beijing Design Institute

**Location:** Beijing, China

**Year of completion:** 2015

**Product:** SUNPAL® 18 mm Light Blue Diffuser Plus

**Coverage:** 10,000 SQM

**Sales:** Meng Aiguo **Marketing:** Tal Furman