







# BLUE SKY OPPORTUNITIES WITH RAINY DAY OPTIONS

Throughout the southeastern US, Five Star Retractable Systems works with architects, builders, building, business and home owners providing retractable structures and screens for hotels and resorts, restaurants, company headquarters and offices, schools, sports venues, retail, health care, industrial and other commercial spaces as well as high-end residences.

We custom design and fabricate light, functional and aesthetically-attractive structures. Our kinetic architecture products extend the use of outdoor areas and pools with a thermal efficient covering that retracts, to allow open air enjoyment in good weather. Our retractable screens remain hidden until they are needed for insect, solar and/or wind protection. Other custom retractable screens can be personalized for sports teams, company branding or illustrations with or without insect, solar and/or wind protection.

Five Star Retractable Systems provides blue sky opportunities with rainy, windy, sunny, buggy day options that make life more comfortable.



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## THE CAROLINA ALE HOUSE

Raleigh, North Carolina

Throughout the southeastern US, LM Restaurants, Inc. has earned its celebrated reputation for great hospitality and engagement in the local community. Its sports-themed Carolina Ale House restaurants are renowned gathering places for a family-friendly atmosphere, delicious food, sporting events on large screens and an incredible selection of libations. As they made plans for a new location on Glenwood Avenue in Raleigh, NC, plans for a “patio” on the third level created a perfect place for a Solaglide Skylight retractable roof and Panora View windows.

The roof opens three of its panels at the turn of a key to add a little sunlight or moonlight to the menu. The first North American installation of Libart’s Panora View windows opens from the top for fresh breezes. As they open, a half-wall is created for great views and safety. Solar screens were added and they can be used independently to reduce glare whenever needed. Carolina Ale House now has a popular gathering place for all 5 North Carolina seasons - Winter, Spring, Summer, Fall and Basketball!

### Features:

- 4-panel 22ft x 67ft, 3/12 pitch Solaglide Skylight roof with integral gutter system
- Triple wall, 16mm Solar Control Gray polycarbonate glazing
- Custom AAMA 2604 spec powder-coated aluminum frame
- Roof retracts toward the ridge and opens to 75% of its surface area
- Motorized and controlled by wireless wall switch
- 5/8" thick laminated, clear safety glass Panora View retracting windows
- 3 panel system that opens top down, to a fixed panel glass wall





## YEAR-ROUND SWIMMING

Cape May, New Jersey

► Imagine adding a swimming pool to a summer home at the coast where the summer season is brief, winds are gusty and you're surrounded by blowing sand. A retractable enclosure allows this family to enjoy swimming and pool parties throughout the year, with and a lot less pool cleaning and maintenance.

### Features:

- The pool's geothermal water heating system keeps the air temperature between 85° - 90° throughout the year.
- When closed, swimmers are protected from UV rays, wind and sand.
- The enclosure has endured 100 mph winds, zero-degree temperatures and 2 feet of snow.
- Model CDFS Freestanding - D (3/6 partition)
- Size 26ft x 49ft





## A ROOFTOP OASIS

Askaray, Turkey

► Along the Silk Road in central Turkey travelers have found accommodations in Aksaray for centuries. Here, the Hotel Grand Altunas features a beautifully-tiled rooftop pool among its many spa and fitness amenities. The view of the area with its mountains is incredible and the climate offers a wide range of temperatures throughout the year. Retractable and fixed skylights over the pool provide guests with fresh air on days when temperatures are moderate and impressive scenery every day!



### Features:

- 1 inch insulated glass for retractable skylights and fixed skylights
- Motorized
- Model: Solaglide skylight & fixed skylights
- Size: (6) Skylights 18.5ft x 17ft  
(1) Fixed 31ft x 95ft

## URBAN ROOFSCAPE

Chicago, Illinois

- ▶ The Godfrey Hotel in Chicago transformed a concrete pad over its parking garage into a fourth floor, urban roofscape. It's a spectacular indoor/outdoor dining, event and night life destination with a great view of the city. *"You feel like you're a part of the skyline..."*





**Features:**

- ROI - Urban roofscape revenues paid for the entire project in less than 6 months
- Structure is 24ft x 79ft with a 630 person capacity
- Model TELS
- Fire-rated polycarbonate standing seam roof
- R1 retraction with 1 inch insulated glass
- 44ft of folding doors on both sides
- Custom made furniture and “sting ray” shades



## A ROOF TOP BEER GARDEN

Pittsburgh, Pennsylvania

As the historically industrial city of Pittsburgh experienced its metamorphosis, the downtown was transformed with new cultural, sports and dining venues. Sienna Mercato, a three-level Italian restaurant with an industrial - chic décor used garage doors for a bit of fresh air ambiance on its lower floors. The third floor became Il Tetto, “the roof,” with a retractable arched, glass cover. Nestled in the heart of downtown Pittsburgh with a great view of the skyscrapers, this rooftop beer garden is a favorite gathering place.

### Features:

- 1 inch insulated glass
- Motorized, R3 retraction
- Custom framework color







## SKIES, SCENERY AND SEAFOOD

Boston, Massachusetts

When your restaurant has a view of the Boston Harbor the rooftop promenade deck is the place to be. Legal Seafoods Harborside offers casual and more formal dining on its first two floors and created a lounge with a panoramic view on the top floor. Sixty feet of folding glass doors and windows surround the deck and a 30ft x 60ft retractable roof opens for guests to enjoy sunny skies or starry nights. Solar control glazing helps control sunlight intensity and keep temperatures comfortable when doors, windows and the roof are closed.

### Features:

- Retractable roofing with 16mmX solar control PC glazing
- 30ft x 60ft single pitch design
- Double insulated folding glass doors and windows on all three sides
- 9ft tall folding doors on both sides of the deck







## GORGEOUS VIEWS OF THE COLORADO SKIES AND ROCKY MOUNTAINS

Denver, Colorado

The clients' architect was asked to create a backyard retreat with an upper level deck overlooking a large pool and space for entertaining. They wanted to swim year-round and have their pool open to the sky whenever possible. An unobstructed view of the mountains and stunning, flexible space for entertaining and relaxing were created using a residential lean-to enclosure.

### Features:

- TDLS Model
- 25ft x 106ft  
2650 climate-controlled square feet
- Snow loads up to 50 lb. per square foot
- Closes in less than 2 minutes



## CLEAR VIEWS WITH THE CONVENIENCE OF SCREENS WHEN NEEDED

► Horizontal and vertical retracting screens offer versatile ways to provide protection from sun, wind, critters and a measure of privacy. Five Star Retractable Systems offers an array of custom-made retractable screens for residential and commercial use that remain hidden until they are needed.

For folding doors and large openings that require sophisticated retractable screens, these are specified during the design phase and added when the building is constructed. Designing access to the screen housing for possible future service is an important component.

Other retractable screen options can be added to existing doors, windows, patios, porches and their movement may be motorized or manual. In commercial and some residential settings, screens can also be customized with artwork that features a company's branding or original designs. Motorized screens can be linked with home automation products offering the convenience of using sensors to retract screens in high wind areas when gusts exceed a specified threshold or to deploy solar screens when the arc of direct sunlight triggers a sensor. Insect screens have fine mesh options; the technology behind the super screen has the strength to carry a 10-year warranty.

And in areas with tiny biting insects, there is an option for no-see-um mesh. Our retractable screen systems can also be complemented with fixed panel screens over architectural openings, using the same mesh for uniformity.







► **Our products are used worldwide and they include custom:**

- Pool Enclosures
- Roofing Systems
- Panora View Window Systems
- Rounded Roofing Systems
- Lean-to Enclosures
- Skylight Systems
- Freestanding Enclosures
- Round Enclosures



*The Union Fish Market and Rooftop in Minneapolis, MN offers patio-style dining in a city known for its challenging weather. The all-year view of sky and skyscrapers adds a feel-good vibe to a delicious dining experience.*

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