



PERGOLA
ROOF

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PERGOLA ROOF
The room you never had

MISSION

We elevate our customers’ lifestyle by enhancing the functionality and prolonging the use of their outdoor spaces.



Drawing upon years of experience in crafting exceptional outdoor solutions, Pergola Roof is recognized as a leading supplier of pergolas, sunrooms, motorized louvers, screens, and guillotines. Our clientele spans the breadth of the nation, counting hundreds of satisfied customers, including well-known commercial entities such as Cipriani, Fogo de Chao, Kick Axe Throwing, Holiday Inn, Virgin Hotel, Marriott, McDonalds, and many others.

Our solid foundation is our team: visionary designers, proficient engineers, committed installation technicians, and an energetic sales group, all working in unison. Continually delivering architectural integrity and visually stunning designs, Pergola Roof strives to elevate every outdoor space we touch.

We invite you to discover 'The Room You Never Had' and transform your outdoor living experience!



PERGOLA p 3



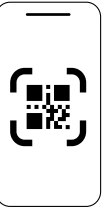
LOUVER p 21



SUNROOM p 43

“
Moving to the pergola option was ideal and the only decision to make

David Novak, Kick Axe Throwing, Washington D.C.



To delve deeper into a specific Pergola Roof project, scan the corresponding QR code. You'll find many of these projects feature informative videos.

PERGOLA



2022
FALLSBURG, NY

Pergola, Screen

Revamping a patio into a Sukkot-compliant year-round living area with an innovative roofing solution, all while maintaining an unobstructed view of the lake.





2022
MANHATTAN, NY

Pergola, Screen, Slider

Pergola Roof developed a versatile rooftop terrace enclosure equipped with a retractable pergola, sliding doors, screens, and dimmable romantic lights. The view it offers is simply stunning.



2021
LAKEWOOD, NJ

Pergola, Screen

Amplifying the Sukkot celebration with an opulent Pergola Roof that doubles as a kosher Sukkah.



2021
LAWRENCE, NY

Pergola, Screen

The deck has been reimagined with Pergola Roof's retractable pergola and automated screens, offering both privacy and rain protection. The structure is tastefully adorned with Sukkah decorations to thoroughly embrace the holiday spirit.



2022
SUFFERN, NY

Pergola, Screen

The patio has been converted into an easy-to-use outdoor Sukkah, thanks to Pergola Roof's Retractable Pergola equipped with a manual crank option.





2022
Air Restaurant and Lounge
WASHINGTON, DC

Pergola

Air Restaurant and Lounge has been extended with Pergola Roof's motorized retractable pergola, facilitating a VIP experience. With increased seating capacity comes greater revenue, and the days of scrambling indoors when it rains are over.



2021
DEAL, NJ

Pergola, Screen

An outdoor area revamped with motorized shades for comfortable and flexible use around the clock. No longer troubled by the harsh afternoon sun. The louvered roof over the kitchen was a later addition.





2022
Kick Axe Throwing
WASHINGTON, DC

Pergola

Kick Axe Throwing's adaptable space featuring a retractable pergola in Washington DC provides a thrilling environment for creating unforgettable memories.



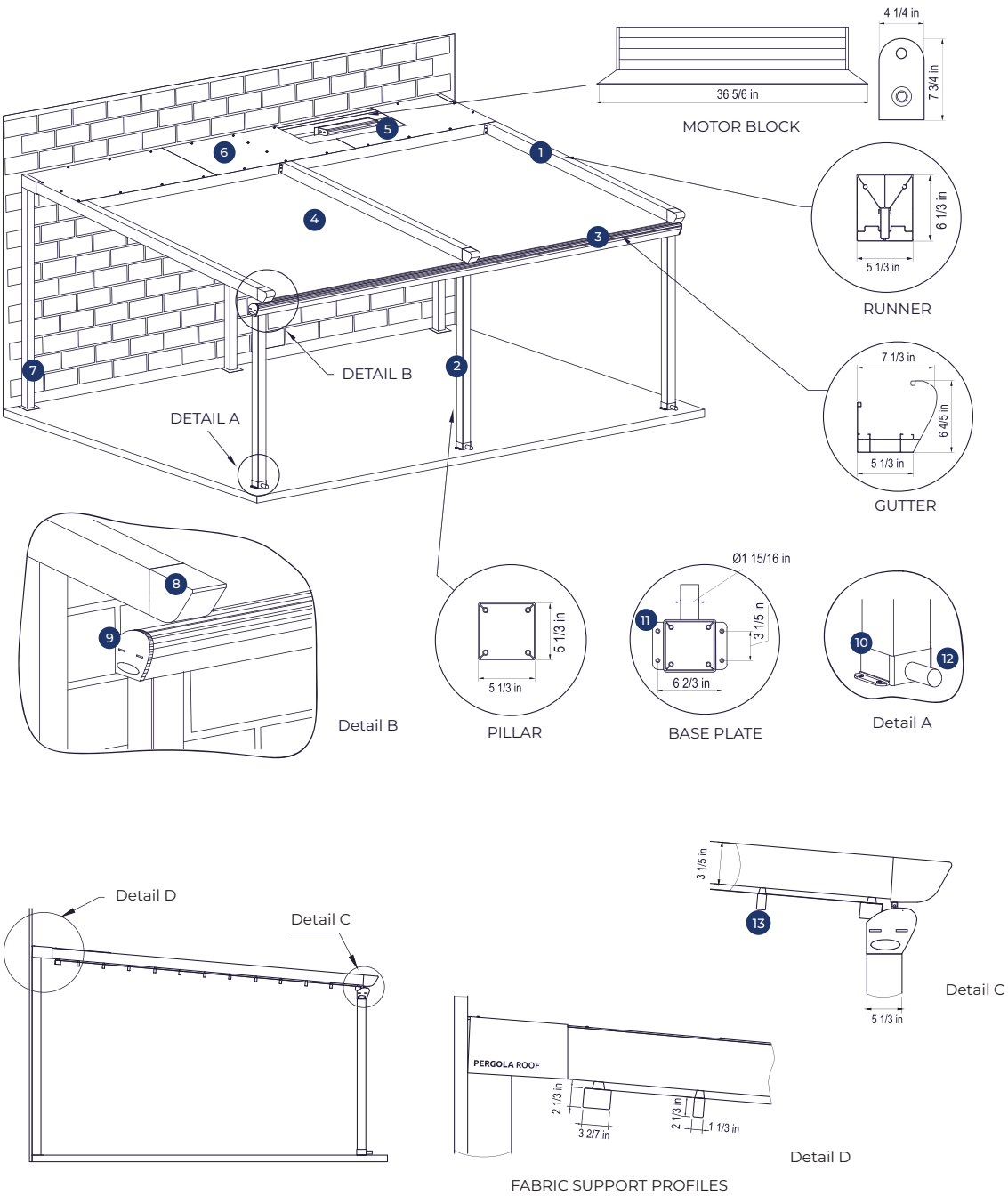
2022
LAKEWOOD, NJ

Pergola, Screen

What was once an unusable area now provides a comfortable retreat for the homeowner and their guests beneath the shade. This space also serves as a Sukkah set-up during Sukkot.



Pergola design specs



MOTOR

Altus® is suitable for pre- and post-construction opportunities and can be controlled with any Radio Technology Somfy accessory.



Technical properties	
Voltage supply	120V AC, 60Hz / 220V AC, 50Hz
Limit switch type	Electronic RTS (remote controlled)
Torque	100 Nm (880 in. lbs.)
Rated current	3.8A
Speed	14 rpm
Sound level	≤ 67 dBA
Temperature working range	14°F to 104°F (-10°C to 40°C)



TELIS 4 and 16 RTS hand-held remote extends control up to 4 and 16 different channels within 65 feet of range.



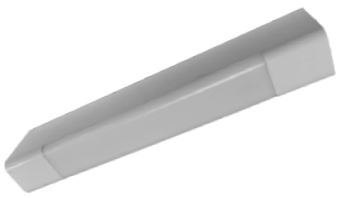
DECOFLEX WIREFREE™ RTS is battery-powered and a completely wireless wall switch.

LIGHTS

SCHILDR pergolas come with optional built-in LED spot or tube lighting



Technical properties	
Operating voltage	24V
Color temperature	3,000K
LED type	700 Lumen
Protection class	IP 68
Body color	Off-white
Life	50,000 Hrs
Operating temperature	-30°C to 85°C
Dimenions	180 x 35 mm



Tube LED embedded into aluminum rail profile



Technical properties	
Operating voltage	90-265V AC 50-60Hz
Color temperature	3,000K
LED type	Phillips Lumileds Luxeon K2
Protection class	IP 68
Body color	Off-white
Life	50,000 Hrs
Operating temperature	-30°C to 85°C
Weight and Dimenions	190 gr, 58 x 108 mm



Spot LED on aluminum rail profile



LOUVER



2022
WESTPORT, CT

Louver, Slider, Screen

A vividly hued custom louvered pergola adds a lively touch to the property, where it serves as a space for dining and entertaining guests.





2022

LONG BRANCH, NJ

Louver, Slider, Guillotine, Screen

This adaptable outdoor pergola provides year-round pleasure, seclusion, and tailored comfort for any event. It is primarily utilized as a yoga studio.



2023
Fogo de Chão
NATIONAL HARBOR, MD

Louver

Delight in an extraordinary dining experience at Fogo de Chão Steakhouse, enhanced by our state-of-the-art louvered roof and sliding glass doors. Enjoy the spectacle of the ferris wheel and beautiful waterfront views at National Harbor.

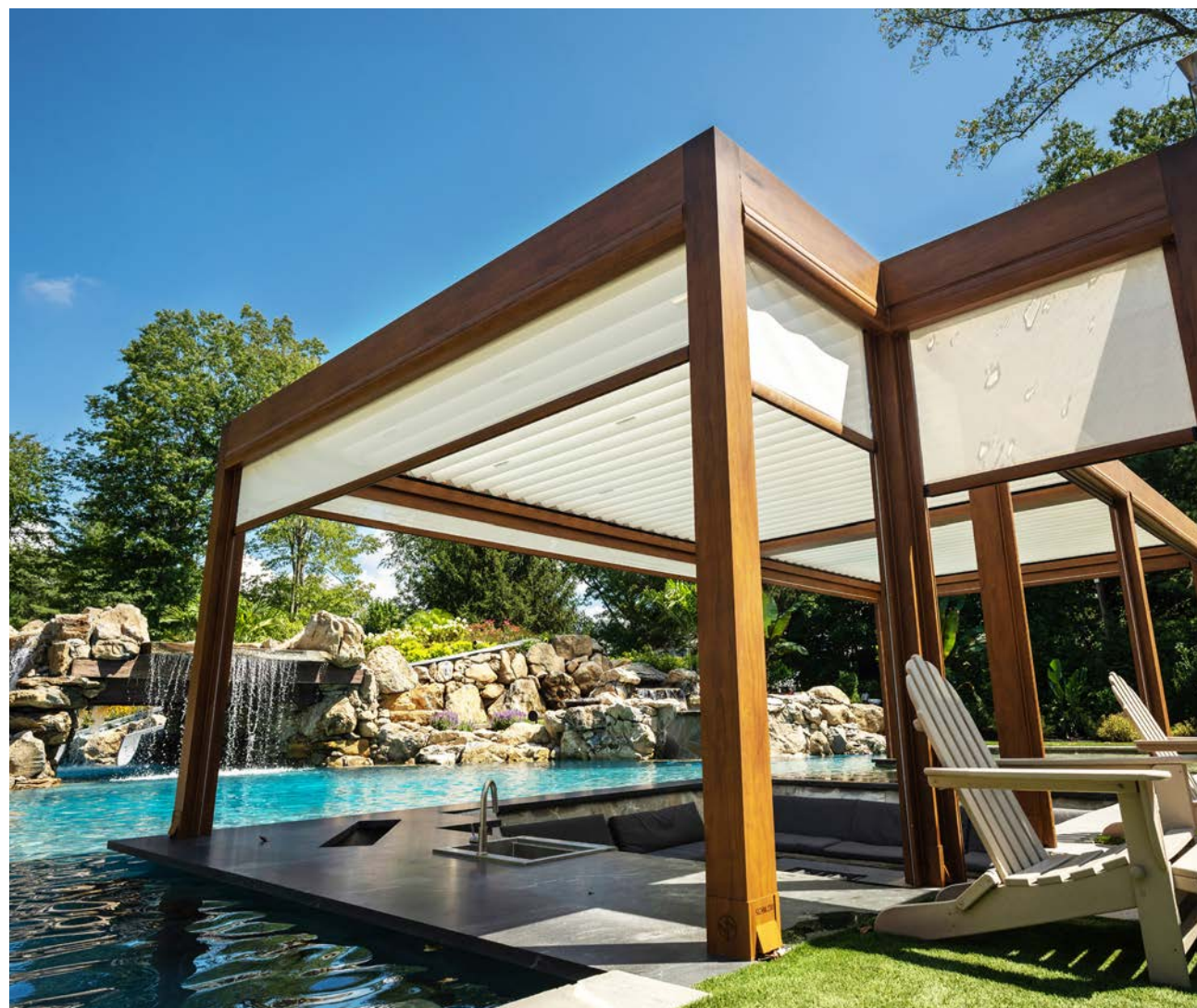




2021
HANOVER, NJ

Louver, Slider, Screen

The backyard has been revamped into a flexible outdoor living area with the help of Pergola Roof's louvered pergola.



2022
CHATHAM, NJ

Louver, Screen

Backyard sanctuary elevated with a bespoke pergola from Pergola Roof, which provides coverage for the intricately designed sunken bar area.





2021
FAIRFIELD, CT

Louver, Guillotine, Screen

The ultimate outdoor resolution: a flexible and secure environment with incorporated shading for all-season pleasure. Guillotines provide an expansive and uninterrupted view of the canal.



2021
BROOKLYN, NY

Louver, Slider, Screen

The dream of a fully equipped kitchen, complete with climate control and a television set above a garage, has been realized thanks to Pergola Roof's louvered pergola, motorized screens, and sliding glass doors.

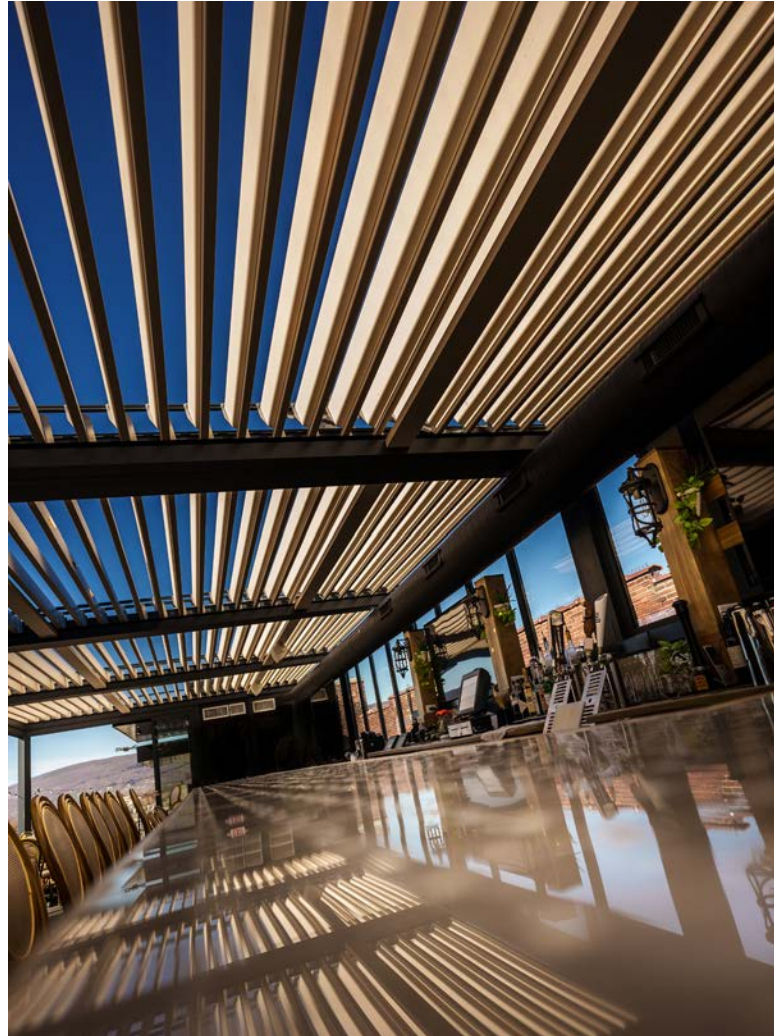




2021
LONG ISLAND, NY

Louver

A key attribute of the louvered roof is its customizable louver system, which enables total regulation of sunlight, shade, and air circulation. It's primed and ready for entertaining guests.



2022

Rikasa Restaurant

PITTSTON, PA

Louver, Slider

Rikasa's rooftop bar/lounge has been enhanced with Pergola Roof's louvered pergola and sliding glass panels. It's essentially like adding an additional level to the restaurant.





2019
DEAL, NJ

Louver, Screen

Contemporary poolside retreat:
an elegant, waterproof louvered
pergola that offers both
sophisticated shade and stylish
appeal.

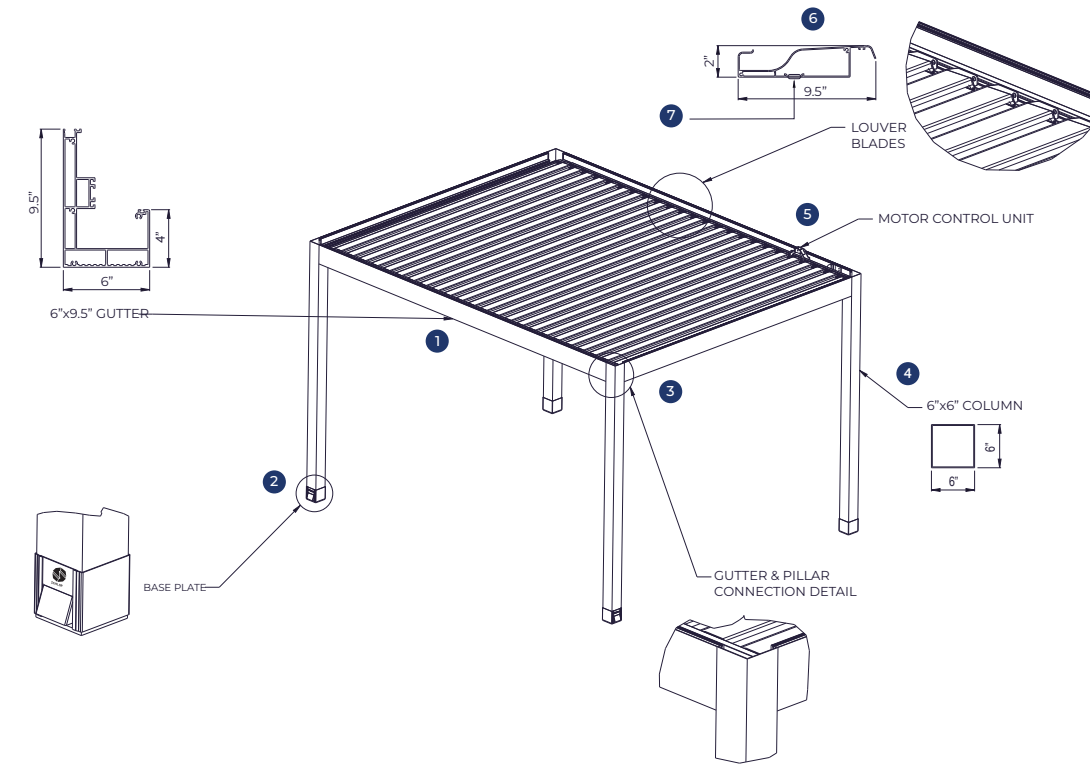


2019
DEAL, NJ

Louver

Modern poolside cabana: a sleek, watertight louvered pergola for luxurious shade and style.

Louvered design specs



- 1 Built-in gutter aluminum side profiles
- 2 Unibody aluminum press casting base plate
- 3 Gutter drainage through column
- 4 Aluminum column (3 mm thick)
- 5 The pivoting open / close movement of the louver blades is motorized with remote control
- 6 Louver blades pivot up to 110°, they can be filled polyurethane foam for insulation
- 7 Optional integrated LED lights



Free standing - closed

Free standing - open

Wall mounted - closed

Wall mounted - open

SUNROOM



2023
Veranda SoHo
NEW YORK, NY

Sunroom, Guillotine, Screen

Our retractable glass roof sunroom design effortlessly blends with the restaurant's existing aesthetics, contributing an extra layer of sophistication to the beautifully adorned space.





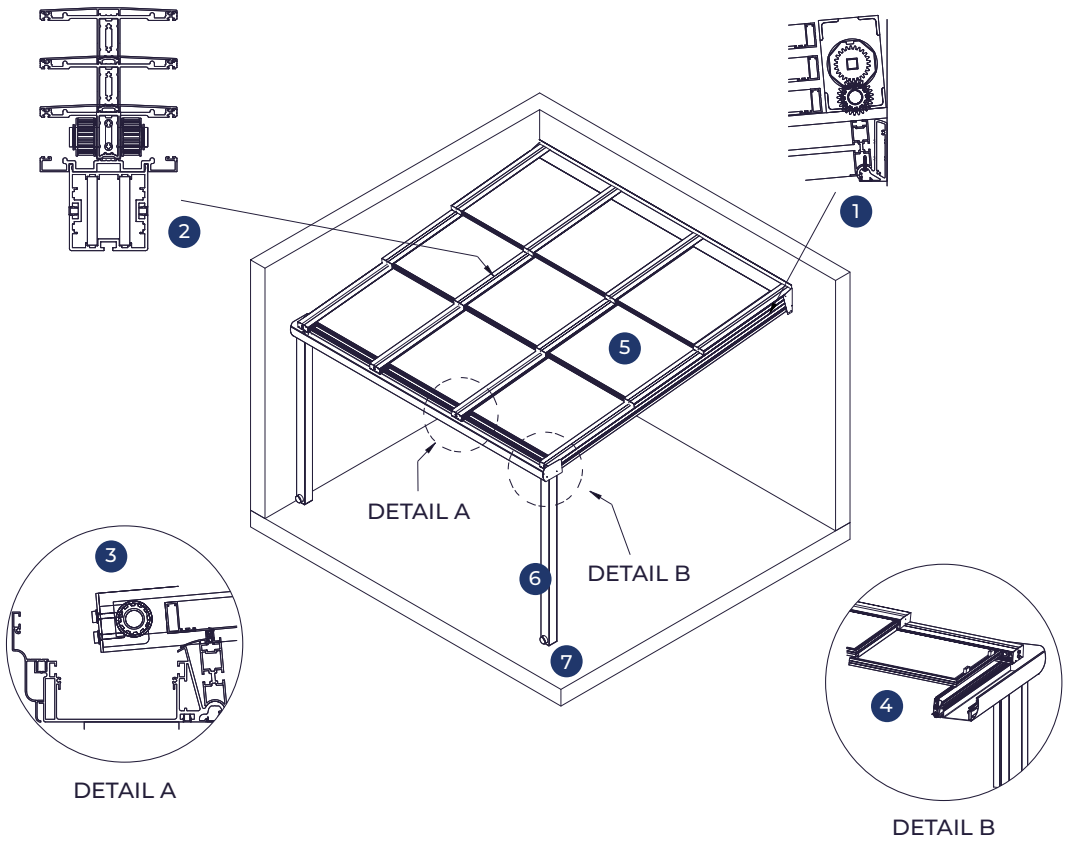
2022
Glass Ceiling Nomad
NEW YORK, NY

Sunroom, Guillotine, Screen

Inspired by architectural finesse, Pergola Roof's innovative retractable glass system provides a dynamic view of the Empire State.



Sunroom design specs



- 1 Motor housing profile
- 2 Runner beam with chain mechanism
- 3 Runner beam and gutter connection
- 4 Built-in gutter
- 5 Laminated tempered double glazed glass or polycarbonate
- 6 Column, also part of gutter system
- 7 Water discharge opening

ANCHORED



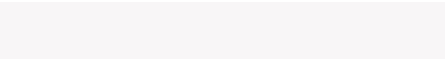
FREESTANDING



Materials

Structure

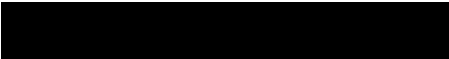
	Technical properties	Standards
Metal	11 gauge aluminum	
Finish	PE58 Qualicoat approved thermosetting powder coatings	
Weight	4 psf	
Width	16’ span max. (no limit on number of sections)	
Projection	32’ max. (single runner beam)	
Wind resistance	130 mph (vinyl canopy retracted closed)	
Tensile strength Rm (N/mm2)	245 (min.)	TS EN ISO 6892-1
Yield point Rp 0,2 (N/mm2)	200 (min.)	TS EN ISO 6892-1
Elongation A (%)	10 (min.)	TS EN ISO 6892-1



White9016



Aluminum9006



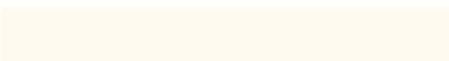
Jet Black9005



Anthracite7016



Chocolate Brown8017



Cream9001

Composite vinyl fabric

Soltis Flexlight 602 by Serge Ferrari is a highly durable, dimensionally stable material with a 5 year warranty.



	Flexlight 602	
	Technical properties	Standards
Yarn	1100 dtex PES HT	1100 dtex PES HT
Finish	Varnish both sides	Varnish both sides
Weight	19.1 oz/yd2	22 oz/yd2
Width	105.1	62 in: 109.3 yds 98.4 & 105.1 in: 54.6/328 yds
Standard length	54.6 yds/328 yds	
Tensile strength (warp/weft)	250/250 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	25/25 daN/5 cm	DIN 53.363
Adhesion	9/9 daN/5 cm	EN ISO 2411
Flame retardancy	Method 2/NFPA 701 • CSFM T19 • ASTM E662 • B1/DIN 4102-1 • M2/NFP 92-507 • Euroclass EN ISO 13501-1 • CAN / ULC S109-2014 (pending)	
Extreme working temperatures	-31°F / +158°F	In static position, internal test











Composite vinyl fabric

Thanks to Précontraint technology by Serge Ferrari, both Horizon 86 and Perform 92 have outstanding dimensional stability. They are environmentally friendly and recyclable.

Soltis Horizon 86 is a 14% open mesh composite that offers the best outward visibility with a level of up to 28% natural light transmission.

Soltis Horizon 86		
Technical properties		Standards
Weight	11.2 oz/yd2	EN ISO 2286-2
Thickness	0.45 mm / 450 microns	
Width	69.7 in - 105.1 in	EN ISO 2286-2
Standard format length	69.7" width: 54.68 yds 105.1" width: 43.74 yds	
Tensile strength (warp/weft)	230/160 daN/ 5 cm	EN ISO 1421
Tear strength (warp/weft)	45/20 daN	DIN 53.363
Flame retardancy	CSFM T19 • Method 1/NFPA 701 • Class A/ASTM E84	
Warranty	5 years	









			
White	Champagne	Boulder	Anthracite
86-2044	86-2175	86-2171	86-2047
			
Black	Cocoa	Beaten metal	Bronze
86-2053	86-2148	86-2045	86-2043



Soltis Perform 92 is a 4% open mesh and an advanced thermal shield. It blocks up to 97% of heat in external window applications.





This micro-perforated screen offers the best thermal performance while maintaining outward visibility.

Soltis Horizon 92	
Technical properties	
Weight	12.4 oz/yd2
Thickness	0.45 mm / 450 microns
Width	69.7 in - 105.1 in
Standard format length	69.7" width: 54.68 yds 105.1" width: 43.74 yds
Tensile strength (warp/weft)	310/210 daN/ 5 cm
Tear strength (warp/weft)	45/20 daN
Flame retardancy	Method 1/ NFPA 701 • CSFM T19 • Class A/ ASTM E84
Warranty	5 years

		
White	Champagne	Boulder
92-2044	92-2175	92-2171
		
Anthracite	Black	Cocoa
92-2047	92-2053	92-2148
		
Beaten metal	Bronze	
92-2045	92-2043	

Soltis Proof W96 protects against UV and bad weather, while preserving the level of natural light transmitted. This translucent, waterproof fabric is ideal for pergolas and shade canopies.

Soltis Proof W96	
Technical properties	
Weight	620 g/m2 – 18.3 oz/sqyd
Thickness	0.56 mm / 560 microns
Width	267 cm – 105.1 in.
Standard format length	35 lm – 38.27 yds
Tensile strength (warp/weft)	220/220 daN/5 cm
Tear strength (warp/weft)	25/20 daN
Flame retardancy	M2
Warranty	5 years

	
White	Off white
W96-8102	W96-1103
	
Cloud	Anthracite
W96-2171	W96-2047