

Step 1: Specify pergola attachment

Attached Pergola

1a. Attached on more than one side?

An attached pergola has two columns supporting a single beam on one side and a ledger attached to a structure to support the rafters on the opposite side.

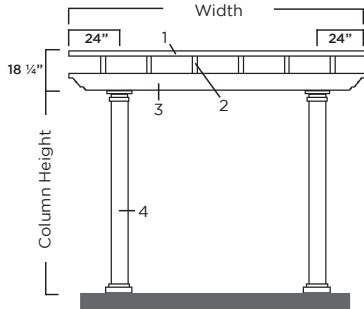


Figure 1.1
Attached Width

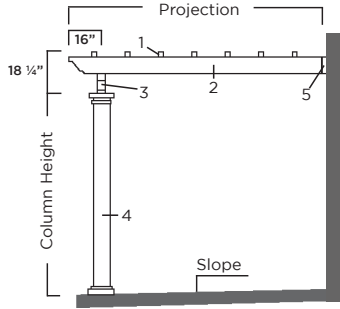


Figure 1.2
Attached Projection

Freestanding Pergola

A freestanding pergola has four total columns, two columns supporting one beam on each side of the pergola.

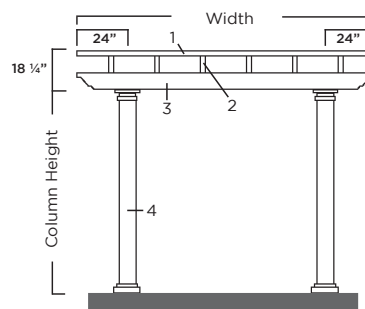


Figure 1.3
Freestanding Width

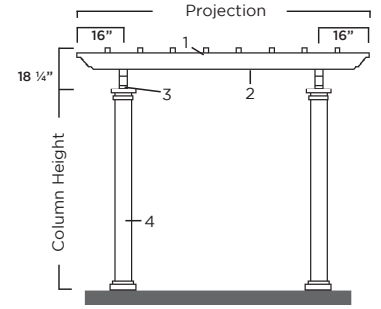


Figure 1.4
Freestanding Projection

Pergola Component Key

- 1. **Stringer:** 1½" x 1½" spaced approximately 12" on center
- 2. **Rafter:** 1½" x 7¼" spaced approximately 24" on center
- 3. **Beam:** 3½" x 9½"

- 4. **Column:** Selection of four structural fiberglass column styles
- 5. **Ledger:** 1½" x 7¼" (attached model only)

Step 2: Specify pergola size and custom options

When measuring, note upper dimensions as well as column locations. Beams typically cantilever 24" from the center of columns (Figure 1.2 & 1.4) and rafters typically cantilever 16" from the center of columns (Figure 1.1 & 1.3).

2a. Width = distance along beams (Figures 1.1 & 1.3)

Specify as overall beam length or center to center of columns

2b. Projection = distance along rafters (Figures 1.2 & 1.4)

Specify as overall rafter length or center to center of columns

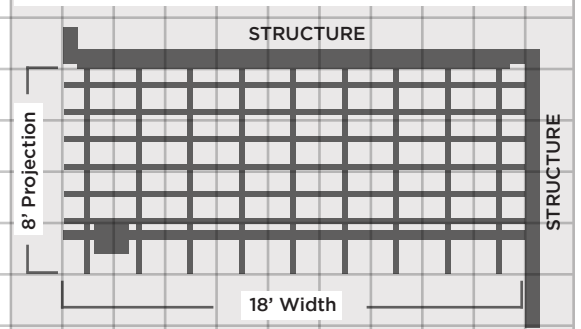
2c. Would you like custom rafter spacing? Please specify

2d. Would you like custom stringer spacing? Please specify

Notes/Special Conditions:



SAMPLE DRAWING



Attached on two sides with one column

Step 3: Specify column style, size, and attachment

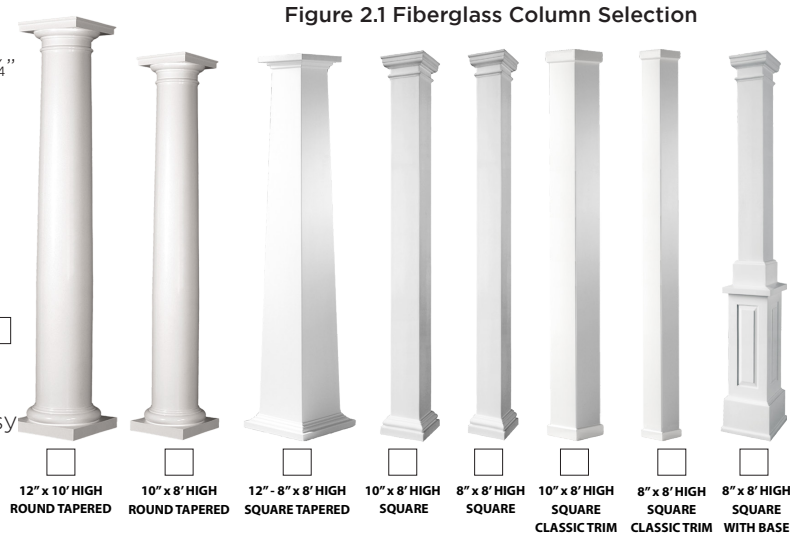
1. **Style & Height** - Available with 8' or 10' high structural fiberglass columns, which can be cut down on site. Add 18 ¼" to the height of the column to accommodate for the beam, rafter, and stringer (Figures 1.1-1.4). For attached models, the height of the bottom of the ledger can be found by adding the column height plus 9½" for the beam. Remember to take any slope of the mounting surface into consideration when measuring. See Figure 2.1 for column selection.

1a. I would like to provide my own columns

1b. I would like to specify custom columns

2. **Attachment** - Our exclusive Tension Rod™ mounting system does not require wood or metal inserts in the columns, is easy to install and provides a secure foundation. Choose from concrete or deck mounting kits.

Concrete Mounting Kit Deck Mounting Kit



Step 4: Specify ColorLast™ Paint Color (Optional)

Our exclusive Monoseam Technology reduces seams on beams and rafters by up to 75% and allows us to offer the only cellular pvc pergola that does not require painting. Our optional ColorLast paint is resistant to scratches and chips, protected by a 20 year warranty, and is offered in 18 standard colors (Figure 2.2) to coordinate with Trex decking and railing. Custom paint tinting is available to provide maximum design freedom.

4a. I would like to specify a custom paint color



Figure 2.2 ColorLast Paint

Step 5: Specify Canopy Type (Optional)

To increase the comfort of any outdoor living space, we offer several pergola canopy systems. (Figure 2.3) From traditional to modern, fixed to retractable, our sun and rain protection options provide a range of solutions to fit your design and budget, helping to provide more from your outdoor structure.



Manually Retractable

ShadeTree Retractable

Tensioned Shade Sail

ShadeFlex or RainFlex

ShadeRight Fixed

Figure 2.3 Canopy Systems

Step 6: Specify Integrated Trex LED Lighting (Optional)

Integrated Trex Deck Lighting comes pre-installed in the beams of your Trex Pergola (Figure 2.5). Typical spacing is 2' to 3' on center, depending on beam length. Includes transformer and timer which support up to 30 Trex Deck Lighting fixtures.

I would like integrated Trex LED Lighting on my pergola



Figure 2.5 Integrated Trex Deck Lighting

Trex® Pergola™

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