

LLS 11' x 16' Outdoor Retractable Pergola

LLS 11' x 16' Outdoor Retractable Pergola User Manual

MODEL: 11' X 16' OUTDOOR RETRACTABLE PERGOLA

1. INTRODUCTION

Thank you for choosing the LLS 11' x 16' Outdoor Retractable Pergola. This manual provides essential information for the safe assembly, operation, and maintenance of your new pergola. Please read this manual thoroughly before installation and retain it for future reference. Proper installation and care will ensure the longevity and optimal performance of your product.

This pergola is designed to provide a spacious and adjustable outdoor living area, featuring a retractable canopy for customizable shade and protection. Its robust aluminum construction and weather-resistant fabric ensure durability for year-round use.

2. SAFETY INFORMATION

Always prioritize safety during assembly and use. Failure to follow these instructions may result in injury or damage to the product.

- **Assembly:** Ensure all components are correctly assembled and securely fastened according to the provided instructions. Do not attempt to modify the structure.
- **Stability:** The pergola must be installed on a level and stable surface. Utilize the pre-drilled holes in the base plates to anchor the pergola to the ground or deck for maximum stability, especially in windy conditions.

- **Wind Resistance:** While designed to be weather-resistant, extreme weather conditions (e.g., strong winds, heavy snow) may require the canopy to be fully retracted or removed to prevent damage. Use the provided extra straps for added stability during windy days.
- **Canopy Operation:** Operate the retractable canopy smoothly and ensure the safety locking system is engaged when the canopy is in the desired position to prevent unintended movement.
- **Inspection:** Regularly inspect all parts for wear, damage, or loose fasteners. Replace damaged parts immediately.
- **Children and Pets:** Keep children and pets away from the assembly area. Do not allow them to play on or around the pergola unsupervised.

3. PACKAGE CONTENTS

Before beginning assembly, verify that all parts listed in the separate assembly instructions are present and undamaged. The package typically includes:

- Aluminum frame components (posts, beams, crossbars)
- Retractable polyester canopy fabric
- Small protective top canopy
- Assembly hardware (screws, bolts, nuts, washers)
- Tools for assembly
- Extra straps for wind resistance
- Detailed assembly instructions

4. SETUP AND ASSEMBLY

Assembly of the LLS Retractable Pergola requires two or more adults. Refer to the separate, detailed assembly instructions included in your package for step-by-step guidance. Below are general considerations:

1. **Site Preparation:** Choose a level and clear area for installation. Ensure adequate space around the pergola for assembly and future use.
2. **Unpacking:** Carefully unpack all components and lay them out. Compare them against the parts list in the assembly instructions.
3. **Frame Assembly:** Follow the instructions to assemble the aluminum frame. Ensure all connections are tight and secure. The frame is constructed from high-quality coarse aluminum for durability.
4. **Canopy Installation:** Install the retractable canopy and the small protective top canopy as directed. The small top canopy provides additional protection for the larger canopy when folded.
5. **Anchoring:** The pergola features stable stand base plates with 4 pre-drilled holes. Securely anchor the pergola to your chosen surface (e.g., concrete patio, wooden deck) using appropriate hardware (not always included, check instructions) to prevent movement, especially in windy conditions.
6. **Stability Features:** A smartly-designed magnet system helps keep all parts of the pergola in place when

unfolded. Utilize the extra straps provided for enhanced stability during windy days.

Dimensions of Pergola

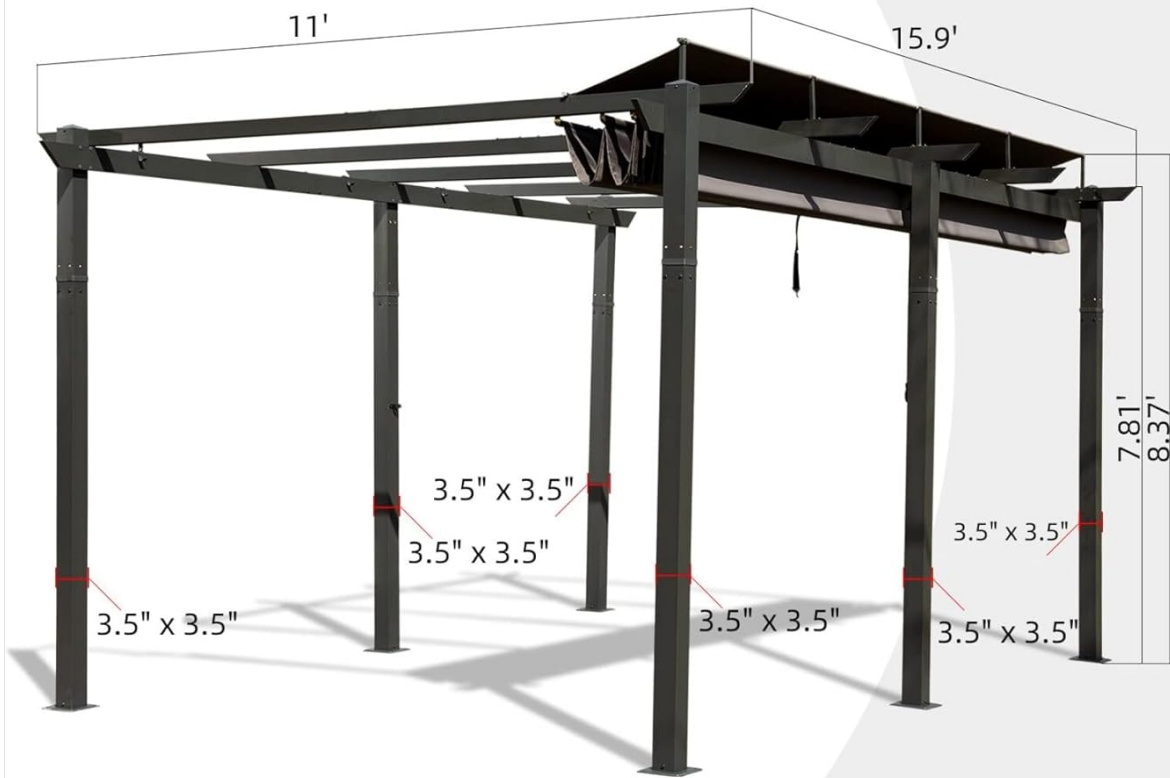


Image: Pergola Dimensions. This diagram illustrates the overall dimensions of the pergola, including its length, width, and height, providing a clear understanding of its footprint and vertical clearance.



STABLE STAND

4 pre-drilled holes for installing
on different ground

Image: Stable Stand. A close-up view of the pergola's base plate, showing the four pre-drilled holes designed for secure installation on various ground types, enhancing overall stability.

HIGH QUALITY ALUMINUM

The whole pergola is made of high quality coarse aluminum frame, make the whole structure sturdy and durable for multiple scenes and long service life.



Image: High Quality Aluminum. This image highlights the robust construction of the pergola's frame, made from high-quality coarse aluminum, ensuring a sturdy and durable structure for extended service life.

5. OPERATING INSTRUCTIONS

The retractable canopy allows for flexible shade control.

- **Retracting the Canopy:** To retract the canopy, gently pull the designated handle or strap to slide the fabric sections along the tracks. Guide the canopy smoothly until it is fully folded or at your desired position.
- **Extending the Canopy:** To extend the canopy, gently pull the handle or strap to slide the fabric sections outwards along the tracks until the desired shade area is achieved.
- **Securing the Canopy:** Once the canopy is in the desired position (extended or retracted), ensure the safety locking system is engaged. This prevents the canopy from moving unintentionally due to wind or other factors. The magnet system also assists in keeping the canopy in place when fully unfolded.
- **Protective Top Canopy:** A smaller, fixed top canopy provides additional protection for the main

retractable canopy when it is folded, shielding it from sun and rain and extending its service life.

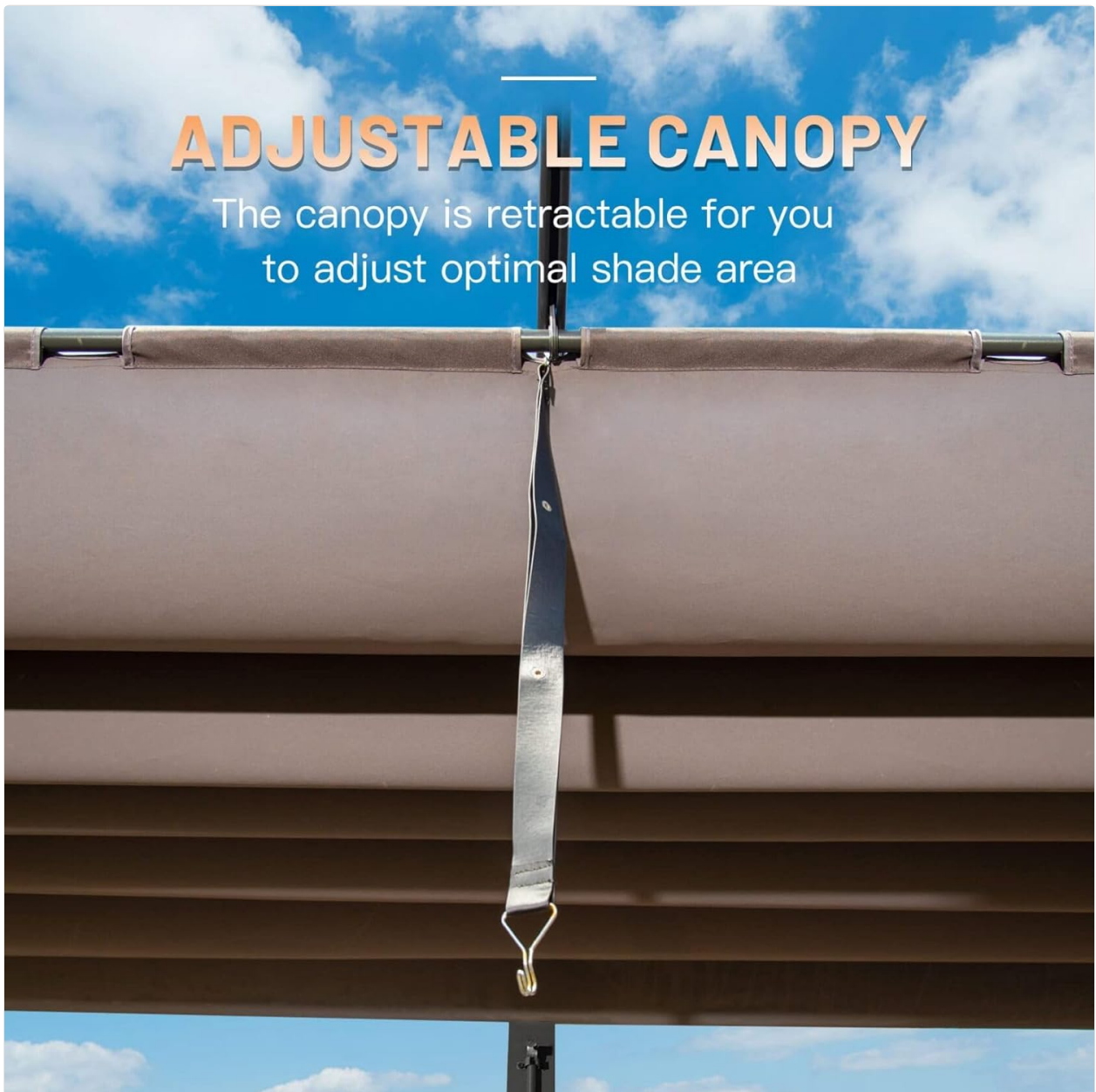


Image: Adjustable Canopy. This close-up shows the mechanism for the retractable canopy, which allows users to easily adjust the shade area to their preference, providing optimal sun protection.

EXTRA PROTECTIVE TOP CANOPY

Protect folded canopy from
sunshine and rain,
could extended service life



Image: Extra Protective Top Canopy. A detailed view of the additional small canopy positioned above the main retractable canopy. This feature is designed to protect the folded canopy from direct exposure to sun and rain, thereby extending its lifespan.

6. MAINTENANCE

Regular maintenance will help preserve the appearance and functionality of your pergola.

- **Frame Cleaning:** Clean the aluminum frame with a mild soap and water solution. Rinse thoroughly with clean water and dry with a soft cloth to prevent water spots. Avoid abrasive cleaners or harsh chemicals.
- **Canopy Cleaning:** The polyester fabric canopy is water-repellent. Clean it with a soft brush or cloth and a mild soap and water solution. Rinse well and allow it to air dry completely before retracting or storing for extended periods. Do not machine wash or tumble dry.
- **Fastener Check:** Periodically check all bolts, screws, and connections to ensure they remain tight. Retighten as necessary.
- **Winter Storage/Protection:** While suitable for year-round use, consider retracting the canopy during

heavy snowfalls to prevent accumulation and potential damage. In areas with severe winter weather, disassembling and storing the canopy indoors may extend its life.

- **General Inspection:** Regularly inspect the entire structure for any signs of wear, corrosion, or damage. Address any issues promptly to prevent further deterioration.

7. TROUBLESHOOTING

If you encounter issues with your pergola, consider the following common solutions:

- **Canopy not retracting/extending smoothly:** Check the tracks for obstructions (e.g., debris, leaves). Ensure the fabric is properly aligned within the tracks. Apply a silicone-based lubricant to the tracks if friction is excessive.
- **Pergola feels unstable:** Verify that all frame connections are securely tightened. Ensure the base plates are properly anchored to a solid, level surface. Check if the extra wind straps are correctly installed and tightened.
- **Water pooling on canopy:** Ensure the canopy is fully extended and taut. Slight pooling may occur during heavy rain, but significant pooling could indicate improper installation or sagging fabric. Check the frame for levelness.
- **Parts missing or damaged:** Refer to your package contents list and contact customer support with your product model and details of the missing/damaged part.

8. SPECIFICATIONS

Feature	Specification
Assembled Length	190.80 inches (approx. 15.9 ft)
Assembled Width	132.00 inches (approx. 11 ft)
Assembled Height	100.44 inches (approx. 8.37 ft)
Item Weight	129.80 pounds
Main Material	Aluminum
Canopy Material	Polyester fabric (Fade-resistant, Fire-resistant, Water-repellent)
Retractability	Manual
Durability	UV Resistant
Shape	Rectangular
Place of Origin	China

9. WARRANTY AND SUPPORT

For warranty information, specific product support, or to order replacement parts, please refer to the contact information provided with your purchase documentation or visit the official LLS website. Please have your product model number (11' x 16' Outdoor Retractable Pergola) and purchase details ready when contacting support.

10. PRODUCT OVERVIEW IMAGES



Image: Pergola in Use. This image shows the LLS 11' x 16' Outdoor Retractable Pergola installed on a deck in a backyard, providing a shaded area for a family picnic and an outdoor dining setup, demonstrating its spacious and functional design.



Image: Pergola at Night. The pergola is shown at night, illuminated by string lights, creating an inviting and ambient outdoor living space on a patio, highlighting its aesthetic appeal for evening use.



Image: Pergola with Retracted Canopy. A full view of the pergola structure with its canopy fully retracted, showcasing the open design and the protective top canopy that shields the folded fabric.