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## MIRADOR 111S1010

# MIRADOR 111S Louvered Pergola Gazebo User Manual

Model: 111S1010

## IMPORTANT SAFETY INFORMATION

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This structure may require a permit. Users are advised to consult their local city, municipality, and applicable HOA guidelines for guidance on building codes and zoning requirements for their area before purchase.

Do not allow snow to accumulate on the louver roof. Open louvers in case of heavy snow, high winds, or other extreme weather conditions to prevent damage to the pergola structure.

## PRODUCT OVERVIEW

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The MIRADOR 111S Louvered Pergola Gazebo is designed for outdoor use, providing an adjustable overhead covering. It features a robust construction and an innovative louvered roof system.

- **Premium Material Construction:** The pergola is constructed with a powder-coated aluminum frame and a tilting louvered roof made of galvanized steel, engineered to withstand winds up to 70 mph.
- **Integrated Drainage System:** Rainwater is efficiently managed through a built-in integrated drainage system. Water is diverted to the columns and then drained through notches located at the base of the posts.
- **Adjustable Louvered Roof:** The unique louvered hardtop design allows for precise control over light and shade. The louvers can be adjusted from 0° (fully closed) to 93° (nearly fully open), offering various protection options against sun, rain, and wind.



Image: The 10Ft x 10Ft MIRADOR 111S Louvered Pergola Gazebo with its adjustable louvers in an open position, allowing sunlight to filter through. The structure is charcoal colored and made of aluminum.



Image: The MIRADOR 111S Louvered Pergola Gazebo with its louvers fully closed, providing complete overhead coverage. The image emphasizes the durable aluminum body construction.

## SETUP AND ASSEMBLY

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The MIRADOR 111S Pergola is designed for straightforward assembly. Prefabricated rails and louvers eliminate the need for special rivets or welds, simplifying the installation process.

For detailed step-by-step instructions, please refer to the official Installation Manual (PDF) available for download: [Download Installation Manual](#).

The pergola can be stably attached to the ground using the supplied expansion bolts. Ensure the installation surface is level and secure.



Image: An illustration highlighting the ease of assembly for the pergola, showing an instruction manual and some components, indicating a 10-step guide and instruction video support.

## OPERATION

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### Adjusting the Louvered Roof

The louvered roof can be adjusted to control the amount of sunlight and shade, or to provide protection from rain. Use the integrated crank mechanism to tilt the louvers to your desired angle, from fully closed (0°) to nearly fully open (93°).

# TURN ON THE SUN

Shade control with crank operation louvered roof



Image: A close-up view of a hand turning the crank handle, which operates the adjustable louvered roof system of the pergola, allowing for shade control.



Image: A visual representation of the pergola with its louvers adjusted to allow sunlight, demonstrating the "Turn on the Sun" feature for adjustable weather-proof roof control.

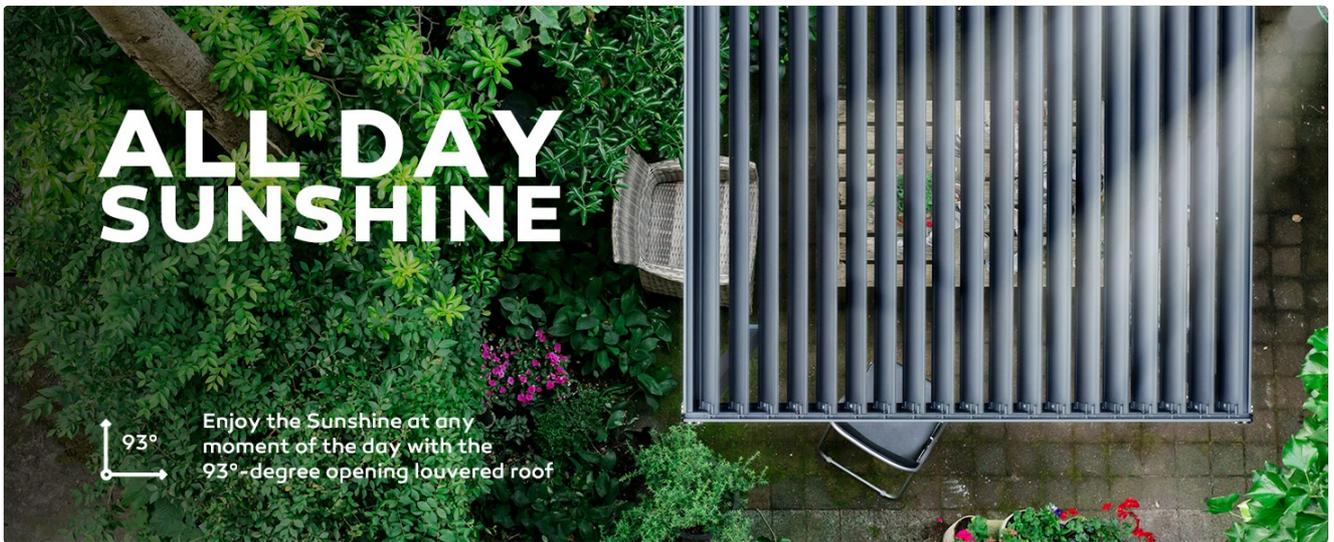


Image: An aerial view of the pergola's louvered roof, illustrating the 93-degree opening angle that allows for maximum sun exposure throughout the day.

## Rainwater Management

When the louvers are closed, rainwater is collected on the top surface of the pergola. The integrated drainage system then channels this water through the internal structure of the legs, ensuring the area beneath remains dry.

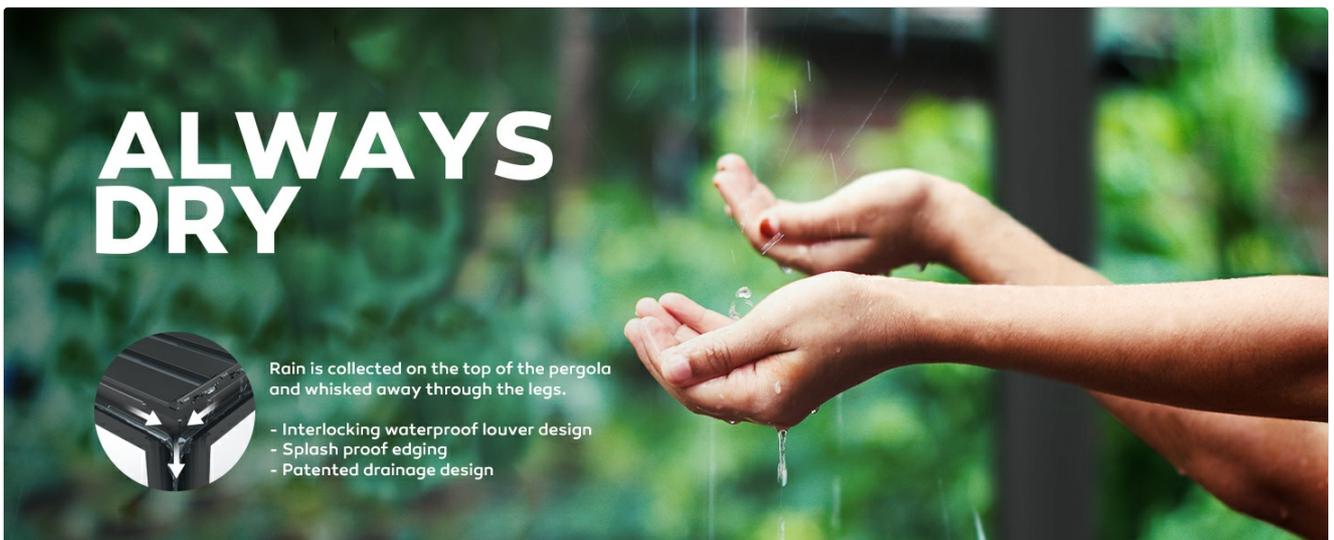


Image: A visual demonstrating the pergola's effective drainage system, showing water being collected and channeled away, ensuring the space below remains dry. It highlights interlocking waterproof louver design, splash-proof edging, and patented drainage.

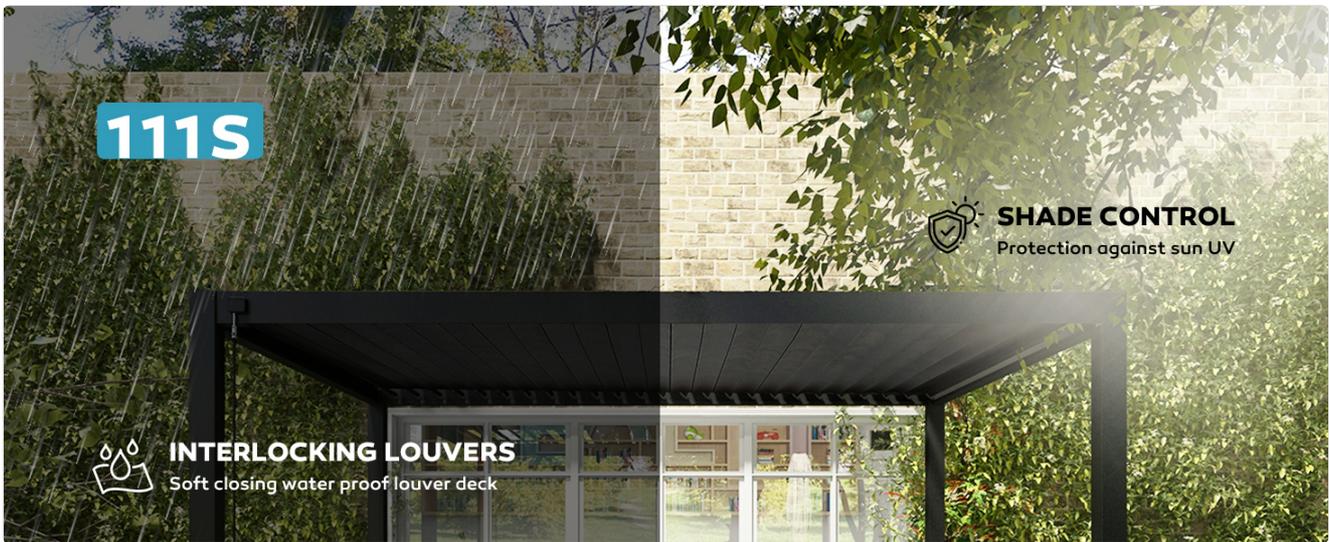


Image: A split image showing the pergola's louvered roof under rain and sun conditions, emphasizing the interlocking louvers for soft-closing waterproof deck and shade control against UV.

## MAINTENANCE

The MIRADOR 111S Louvered Pergola is designed to be largely maintenance-free due to its durable materials and construction. The powder-coated aluminum frame and galvanized steel louvers are weather-proof and rust-resistant.

- **Cleaning:** Periodically clean the frame and louvers with mild soap and water to remove dirt and debris. Rinse thoroughly with clean water. Avoid abrasive cleaners or harsh chemicals.
- **Snow Removal:** In areas with heavy snowfall, it is crucial to open the louvers to prevent snow accumulation on the roof. Excessive snow load can cause damage to the structure.
- **Inspection:** Regularly inspect all bolts and connections to ensure they remain tight and secure.



Image: A close-up of a pergola post with water droplets, illustrating its weather-proof and rust-resistant properties, highlighting its maintenance-free design.

## TROUBLESHOOTING

This section provides general guidance for common issues. For more complex problems or issues not listed here, please contact customer support.

Problem	Possible Cause	Solution
Louvers not adjusting smoothly	Debris in tracks, mechanism obstruction, loose connections.	Inspect tracks for debris and clear. Check all connecting bolts for tightness. Apply a silicone-based lubricant if necessary (avoid oil-based lubricants).
Water pooling on roof when closed	Drainage channels blocked, louvers not fully closed.	Ensure louvers are fully closed. Clear any blockages in the drainage channels within the louvers and posts.
Pergola feels unstable	Loose ground anchors or frame connections.	Verify that all expansion bolts securing the pergola to the ground are tight. Check all frame connections and tighten any loose bolts. Ensure the installation surface is stable.

# SPECIFICATIONS

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Feature	Detail
Brand	MIRADOR
Model Number	111S1010
Material	Alloy Steel, Aluminum (Frame: Aluminum, Louver: Steel)
Color	Charcoal
Product Dimensions (L x W x H)	118.1"L x 118.1"W x 98.4"H (Approx. 10' x 10' x 8.2')
Floor Area	100 Square Feet
Item Weight	358.7 Pounds (approx. 359 pounds)
Water Resistance Level	Water Resistant
UV Protection	Yes
Louver Opening Angle	0° to 93°
Wind Rating	Up to 70 mph
Snow Load Capacity	13.8 lb/ft <sup>2</sup>
Assembly Required	Yes

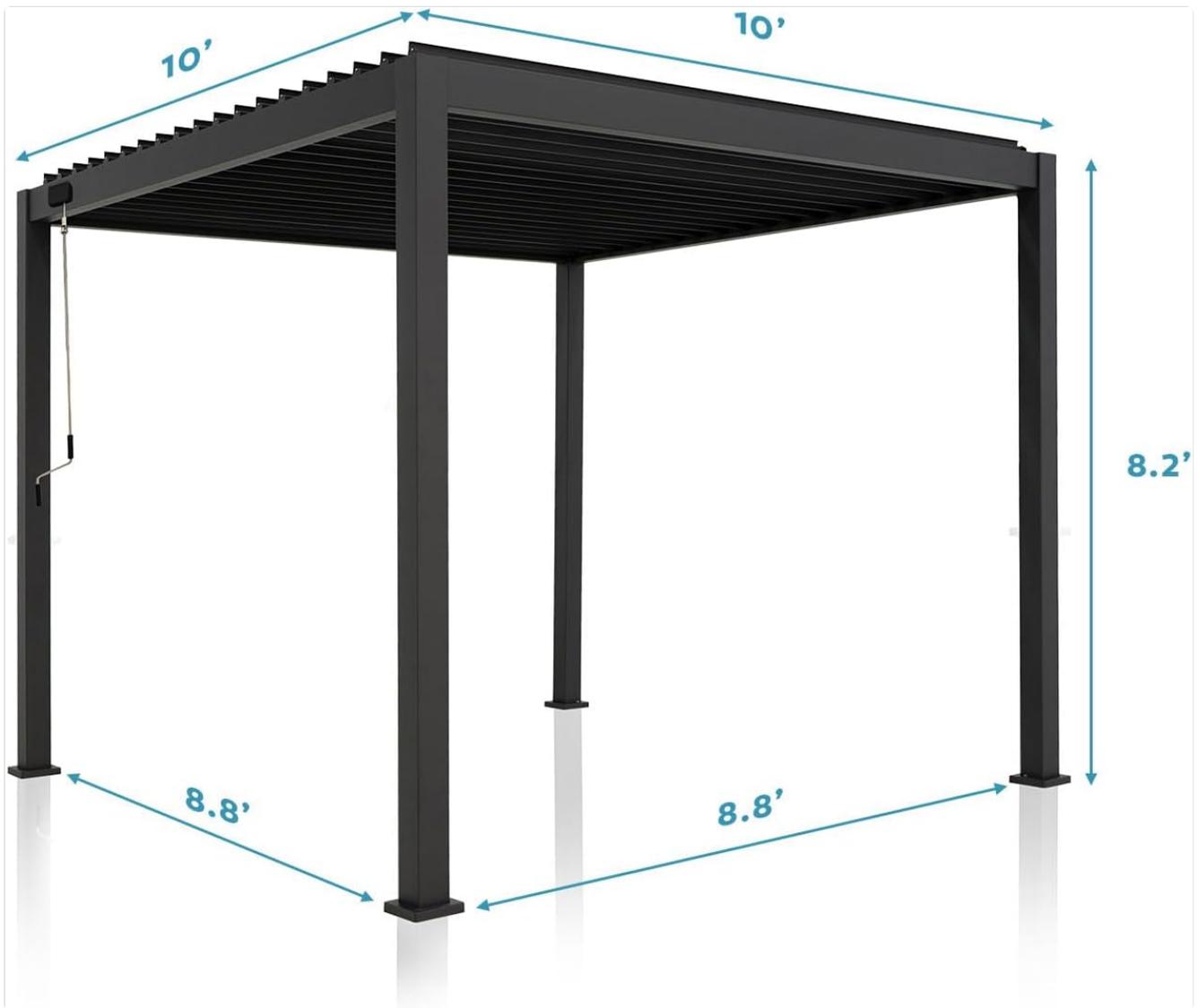


Image: A diagram illustrating the key dimensions of the 10' x 10' pergola, including its height of 8.2 feet and base measurements of 8.8 feet by 8.8 feet.

111S

<p><b>73</b> Wind rating (mph)</p> <p><b>YES</b> UV&amp;Fade Resistance</p> <p><b>STEEL</b> Louver Material</p>	<p><b>13.8</b> Snow load (lb/ft<sup>2</sup>)</p> <p><b>93°</b> Opening angle</p> <p><b>ALUMINUM</b> Frame Material</p>
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111S 10'X10'

Image: An infographic summarizing key specifications for the 111S 10'x10' pergola, including wind rating (73 mph), snow load (13.8 lb/ft<sup>2</sup>), UV & Fade Resistance (Yes), opening angle (93°), louver material (Steel), and frame material (Aluminum).



Image: A visual representation of the pergola's resilience, showing its snow load capacity of 13.8 lb/ft<sup>2</sup> and maximum wind load protection, tested up to wind force 11.

## WARRANTY AND SUPPORT

The MIRADOR 111S Louvered Pergola Gazebo comes with a four-year worry-free period, indicating a commitment to product quality and customer satisfaction. Specific terms and conditions may apply; please refer to your purchase documentation for full details.

For any questions, technical assistance, or warranty claims, please contact MIRADOR customer support through their official channels. Keep your purchase receipt and model number (111S1010) readily available when contacting support.



Image: An icon representing a "FOUR-YEAR WORRY FREE" period, indicating the product's warranty coverage.

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For further assistance, visit the [MIRADOR Store](#).

### Related Documents - 111S1010

	<p><a href="#">Mirador Bioclimatic Pergola 80S 6 Pillars: Assembly and Instruction Manual</a></p> <p>Comprehensive instruction manual for the Mirador Bioclimatic Pergola 80S 6 Pillars, covering assembly, operation, maintenance, and troubleshooting. Learn how to safely install and enjoy your outdoor structure.</p>
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	<p><a href="#">Mirador Pull Down Screen Instruction Manual</a></p> <p>Comprehensive instruction manual for assembling, installing, and maintaining the Mirador Pull Down Screen. Includes safety advice, parts list, step-by-step installation guide, and warranty information.</p>
	<p><a href="#">MIRADOR 3x4m Pergola User Manual and Assembly Guide</a></p> <p>Detailed user manual and assembly instructions for the MIRADOR 3x4m pergola. Includes parts list, required tools, step-by-step assembly guidance, and product dimensions.</p>
	<p><a href="#">HORNBAACH Pergola Product Catalog and Information</a></p> <p>Explore the HORNBAACH range of pergolas, including the Basic, Classic, and Deluxe series. This document details product features, dimensions, accessories, and provides answers to frequently asked questions regarding installation and maintenance.</p>
	<p><a href="#">Mirador Bioclimatic Pergola 80S 6 Pillars: Assembly and Instruction Manual</a></p> <p>Comprehensive instruction manual for the Mirador Bioclimatic Pergola 80S 6 Pillars, covering assembly, operation, maintenance, and troubleshooting. Learn how to safely install and enjoy your outdoor structure.</p>
	<p><a href="#">Mirador Pull Down Screen Instruction Manual</a></p> <p>Comprehensive instruction manual for assembling, installing, and maintaining the Mirador Pull Down Screen. Includes safety advice, parts list, step-by-step installation guide, and warranty information.</p>