

AVORA DOORS

SUNROOM SKYLIGHT PERGOLA



SUNROOM/
SKYLIGHT/
PERGOLA/

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150 SERIES SUNROOM

PRODUCT SPECIFICATIONS

Size:

- **Column:** (5.91 × 5.91 × 0.16 in)
- **Large Side Beam:** (5.91 × 5.91 × 0.16 in)
- **Main & Secondary Beams:** (5.91 × 2.36 × 0.16 in)

Material:

The large side beam, main beam, wall beam, and secondary beam are manufactured from high-precision **6063-T5 aluminum profiles** with a wall thickness of **(0.16 in)**. The structure features a multi-cavity beam design and utilizes a professional embedded profile overlap connection system for enhanced strength and durability.

Product Description:

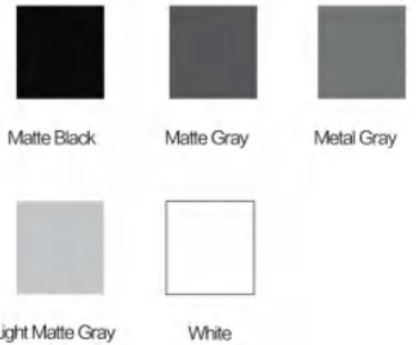
Concealed angle-bracket connectors are used to ensure a high safety factor, fast installation, and a clean, screw-free appearance. The system can be reinforced with **GB standard 141 beams** with a thickness of **(0.18 in)**, supporting a maximum span of 7.5 meters **(24.6 ft)**.

Engineered for superior load-bearing performance, strong wind resistance, and long-term structural stability, the system is suitable for regions exposed to heavy snowfall, hurricanes, and other harsh weather conditions.

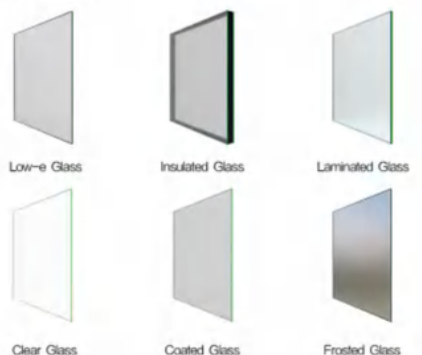
About the Sunroom:

A sunroom is more than an extension — it is a refined living space that blends glass and metal into a bright, indoor sanctuary. Designed to connect you with nature year-round, it offers comfort through crisp autumn breezes and the chill of winter. Whether enjoying birdsong, the fragrance of flowers, reading a book, or simply relaxing, a sunroom creates a peaceful environment where natural light and fresh air enhance everyday living.

Optional Colors



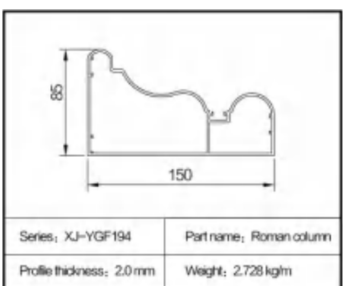
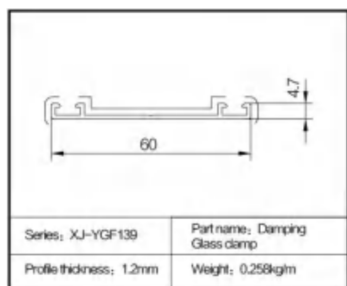
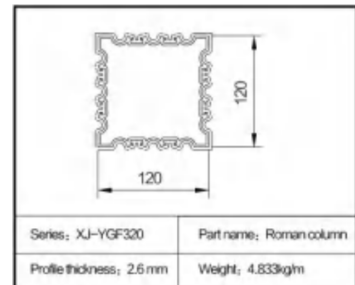
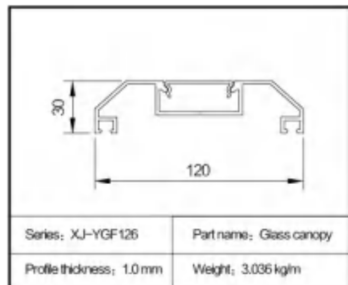
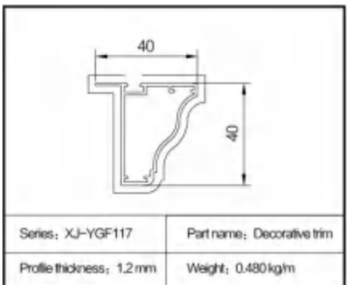
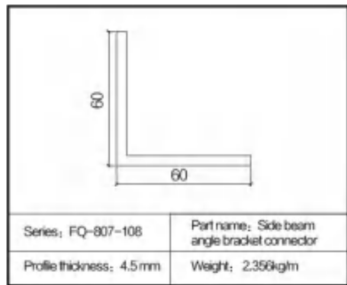
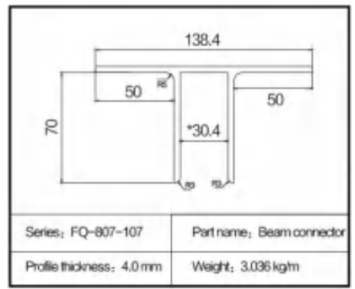
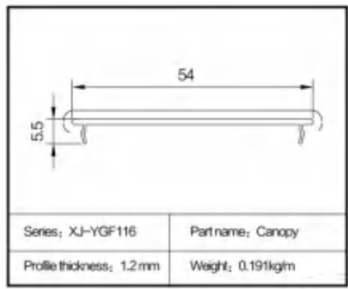
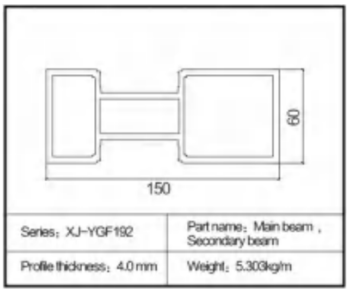
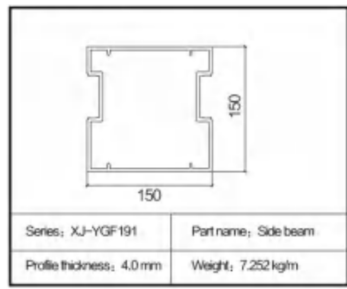
Glass Style





150 SERIES SUNROOM

CAD DRAWINGS





120 SERIES SUNROOM



PRODUCT SPECIFICATIONS

Size:

- **Column:** 4.72 × 4.72 × 0.12 in
- **Large Side Beam:** 4.72 × 4.72 × 0.12 in
- **Main and Secondary Beams:** 4.72 × 2.36 × 0.12 in

Material:

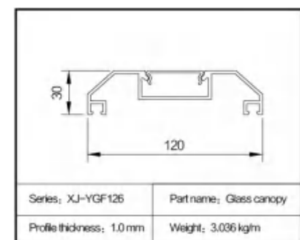
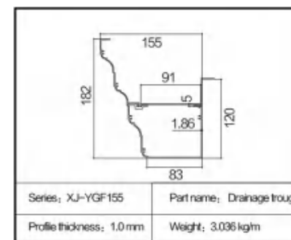
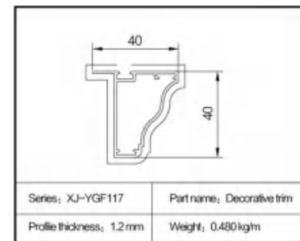
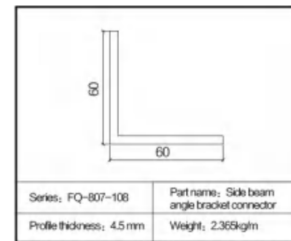
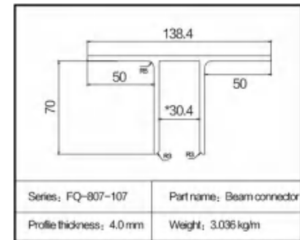
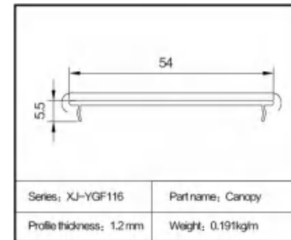
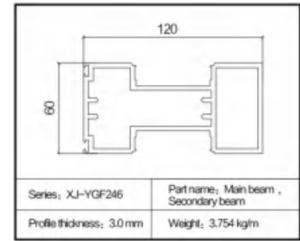
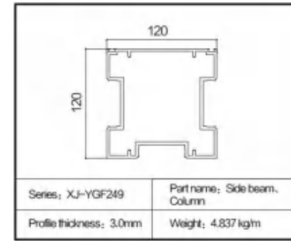
Manufactured from high-precision **6063-T5 aluminum alloy** profiles with a wall thickness of **0.12 in**. The system features a **multi-cavity I-beam structure** and uses professional **embedded profile connection overlaps** for enhanced strength and stability.

Product Description:

This system features a **unique mechanical structure** with **concealed angle-bracket connectors**, providing high structural safety, faster installation, and a clean appearance without visible screws. The structure supports a **maximum span of up to 236 in (19.7 ft)**.

Engineered with **high precision**, tight tolerances, and strong sealing performance, it offers excellent **sound insulation, thermal insulation, wind resistance, and waterproofing** while maintaining a refined architectural look. Beyond serving as a **floral room**, the sunroom can also function as a welcoming **reception or relaxation space**. Surrounded by natural light and outdoor views, it creates the perfect setting to enjoy tea, chat with friends, relax, or simply unwind in comfort. The sunroom transforms everyday living into a brighter, more leisurely experience.

CAD DRAWINGS



Optional Colors

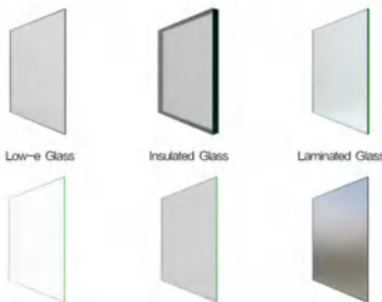


Matte Black Matte Gray Metal Gray



Light Matte Gray White

Glass Style



Low-e Glass Insulated Glass Laminated Glass
Clear Glass Coated Glass Frosted Glass



120 SERIES SUNROOM (LIGHT STRIP TYPE)

PRODUCT SPECIFICATIONS

Size:

- **Column:** 4.72 × 4.72 × 0.12 in
- **Large Side Beam:** 4.72 × 4.72 × 0.12 in
- **Main Beam:** 4.72 × 2.36 × 0.12 in
- **Secondary Beam:** 4.72 × 2.36 × 0.12 in

Material:

The large side beam, main beam, wall beam, and secondary beams are manufactured from **high-precision 6063-T5 aluminum alloy** profiles with a wall thickness of **0.12 in**. The system features a **multi-cavity I-beam structure** and uses **embedded profile connection overlaps** for enhanced strength and structural stability.

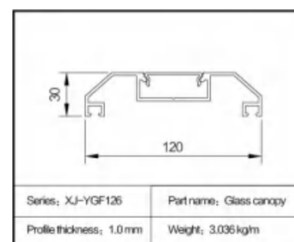
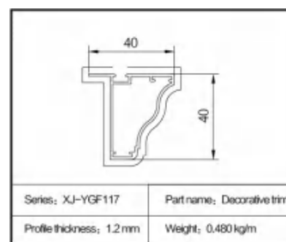
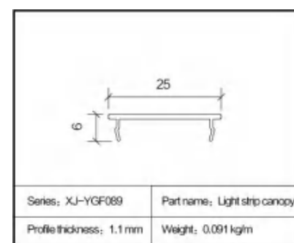
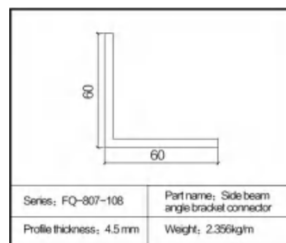
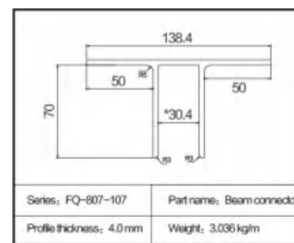
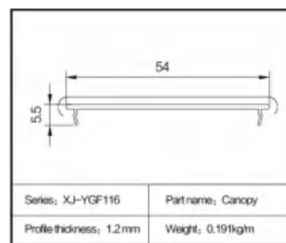
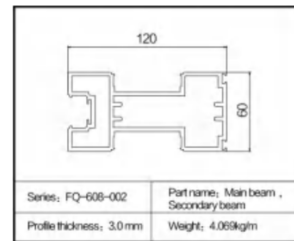
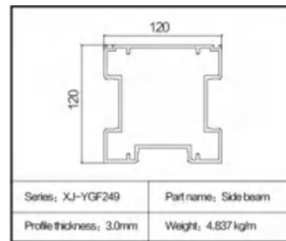
Product Description:

The **recessed main beam** is designed to accommodate **colored LED light strips**. When paired with **PVC light strip covers**, it creates a clean, hidden lighting effect that enhances the overall ambiance.

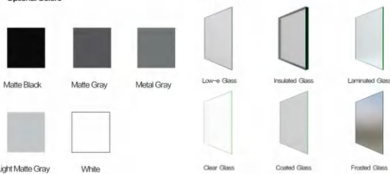
Concealed angle-bracket connectors ensure a high safety factor, faster installation, and a refined appearance with no visible screws, delivering a sleek and modern finish.

A **sunroom** represents both **style and comfort**, featuring an elegant exterior and refined detailing that brings brightness into the home while reflecting personal taste. Filled with natural light, it creates a warm and inviting space—perfect for relaxation and enjoying everyday moments in a beautifully illuminated environment.

CAD DRAWINGS



Optional Colors



160 SERIES AUTOMATIC SMALL SLIDING SKYLIGHT



Product Specifications

- Profile Dimensions: 3.35 × 6.30 in
- Profile Thickness: 0.08 in
- Processing Technology: Seamless welding technology
- Material: Primary aluminum 6063-T5
- Maximum Area: < 18.3 ft²
- Maximum Load Capacity: 176 lbs
- Maximum Width: < 78.7 in (6.56 ft)
- Maximum Length: 94.5 in (7.87 ft)
- Surface Treatment: Electrostatic powder coating
- Smart Home Compatibility: Compatible with most smart home systems

Standard Configuration

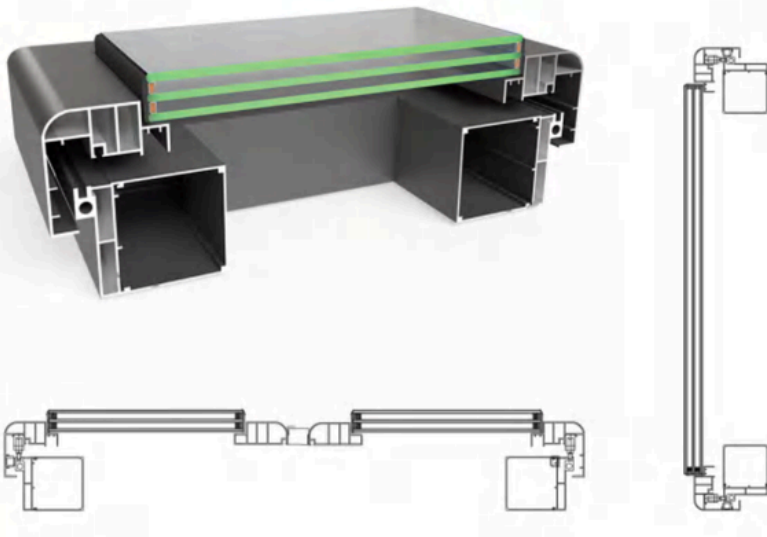
- Glass Options:
 - 0.20 + 0.47A + 0.20 in insulated glass
 - 0.20 + 0.20 in laminated glass
- Motor: A-OK high-torque motor
- Control Method: Remote control + wall switch

Optional Configuration

- Honeycomb Blinds: Automatic insulated honeycomb blinds
- Rain Sensor: Solar-powered rain sensor
- Glass Upgrade: 0.20 + 0.06 PVB + 0.20 + 0.35A + 0.20 in triple-layer tempered glass
- Window Screen: Aluminum mesh / automatic screen / high-transparency insect screen
- Mobile Control: Smartphone app control
- Voice Control: Voice-activated control
- Power Supply: Backup power system
- Imported Motor: Somfy (France) motor option

Applicable Areas

- Basements
- House rooftops
- Sunrooms



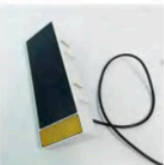
Regular Type



Control Panel

Remote Control

Optional



Solar Sensor Switch

Solar-Powered Rain Sensor

Optional Colors



Matte Black



Matte Gray



Metal Gray



Light Matte Gray



White

Glass Style



Low-e Glass



Insulated Glass



Laminated Glass



Clear Glass



Coated Glass



Frosted Glass

100 SERIES ALUMINUM AUTOMATIC SKYLIGHT

DOUBLE CHAINS / DOUBLE CONTROL RODS



Product Specifications

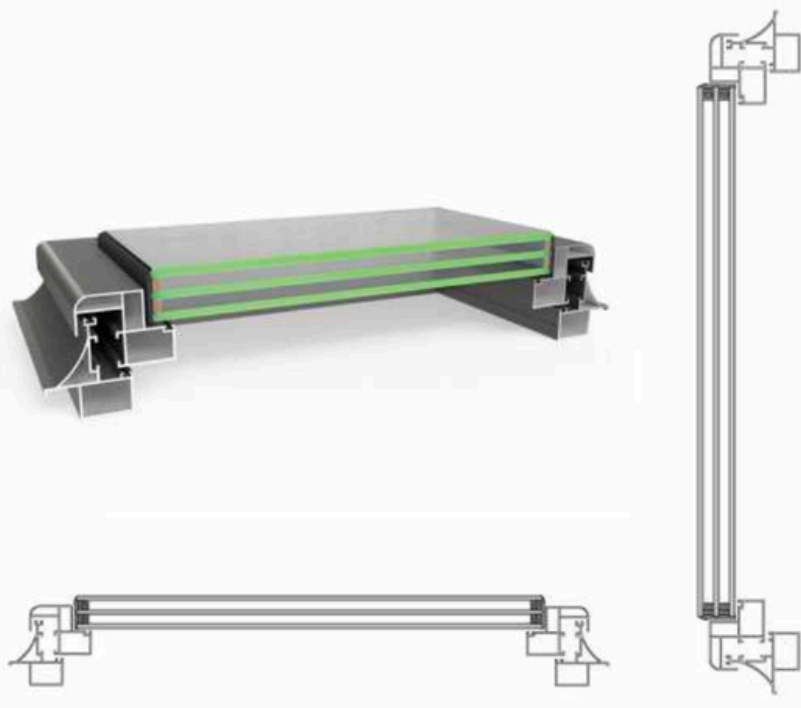
- Profile Dimensions: 3.35 × 6.30 in
- Profile Thickness: 0.08 in
- Processing Technology: Seamless welding technology
- Material: Primary aluminum 6063-T5
- Maximum Area: < 18.3 ft²
- Maximum Load Capacity: 176 lbs
- Maximum Width: < 78.7 in (6.56 ft)
- Maximum Length: 94.5 in (7.87 ft)
- Surface Treatment: Electrostatic powder coating
- Smart Home Compatibility: Compatible with most smart home systems

Standard Configuration

- Glass Options:
 - 0.20 + 0.47A + 0.20 in insulated glass
 - 0.20 + 0.20 in laminated glass
- Motor: A-OK high-torque motor
- Control Method: Remote control + wall switch

Optional Configuration

- Honeycomb Blinds: Automatic insulated honeycomb blinds
- Rain Sensor: Solar-powered rain sensor
- Glass Upgrade: 0.20 + 0.06 PVB + 0.20 + 0.35A + 0.20 in triple-layer tempered glass
- Window Screen: Aluminum mesh / automatic screen / high-transparency insect screen
- Mobile Control: Smartphone app control
- Voice Control: Voice-activated control
- Power Supply: Backup power system
- Imported Motor: Somfy (France) motor option



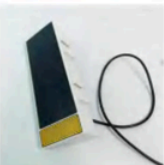
Regular Type



Control Panel

Remote Control

Optional



Solar Sensor Switch

Solar-Powered Rain Sensor

Applicable Areas

- Basements
- House rooftops
- Sunrooms

Optional Colors



Matte Black



Matte Gray



Metal Gray



Light Matte Gray



White

Glass Style



Low-e Glass



Insulated Glass



Laminated Glass



Clear Glass



Coated Glass



Frosted Glass

364 SERIES AUTOMATIC VERTICAL RISING SKYLIGHT

WITH ALUMINUM MESH (HIDDEN MOTOR)



Product Specifications

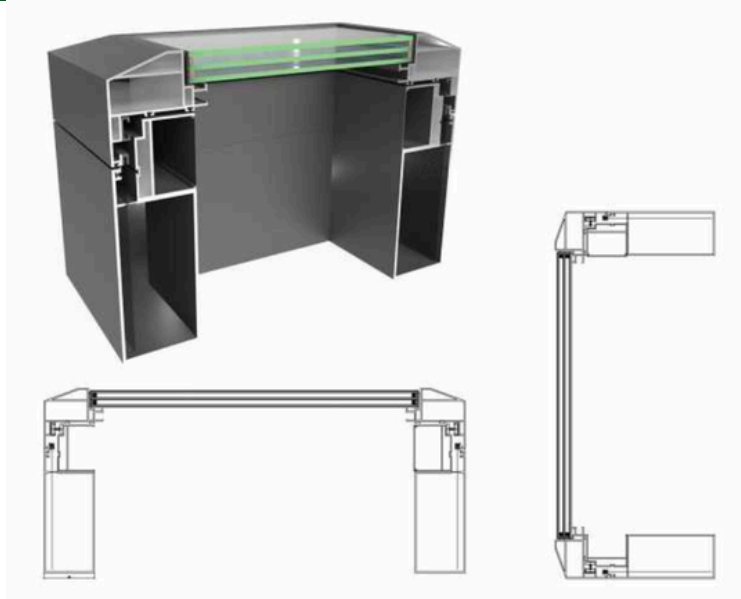
- Profile Dimensions: 3.94 × 14.33 in
- Profile Thickness: 0.12 in
- Processing Technology: Seamless welding technology
- Material: Primary aluminum 6063-T5
- Maximum Area: 129.2 ft²
- Maximum Load Capacity: 573 lbs
- Maximum Width: 118.1 in (9.84 ft)
- Maximum Length: 196.9 in (16.4 ft)
- Surface Treatment: Electrostatic powder coating
- Smart Home Compatibility: Compatible with most smart home systems

Standard Configuration

- Window Screen: Stainless steel and aluminum mesh screen
- Glass: 0.20 + 1.06A + 0.20 in insulated glass
- Motor: MINGDEXU concealed silent motor
- Control Method: Remote control + wall switch
- Ambient Lighting: 38K LED light strip

Optional Configuration

- Honeycomb Blinds: Electric insulated honeycomb blinds
- Rain Sensor: Solar-powered rain sensor
- Glass Upgrade: 0.20 + 0.06 PVB + 0.20 + 0.87A + 0.20 in triple-layer tempered glass
- Smart Control: Voice control or mobile app control
- Power Supply: Backup power system
- Imported Motor: Nekos (Italy) motor option



Regular Type

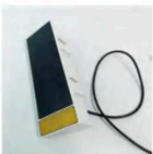


Control Panel



Remote Control

Optional



Solar Sensor Switch



Solar-Powered Rain Sensor

Optional Colors



Matte Black



Matte Gray



Metal Gray



Light Matte Gray



White

Glass Style



Low-e Glass



Insulated Glass



Laminated Glass



Clear Glass



Coated Glass



Frosted Glass

Pergola



PRODUCT SPECIFICATIONS

This innovative **sunshade canopy system** offers excellent **wind resistance, rain protection, heat insulation, and sun shading**, while maintaining strong durability and structural stability.

The pergola features **precision-engineered louver blades** and an **integrated drainage system**. When fully closed, the louvers effectively block sunlight and prevent rainwater from entering the space. The structure is designed to withstand **wind speeds of up to 62 mph (100 km/h)**, helping reduce the impact of harsh weather conditions.

The **adjustable louver system** allows the blades to open and close at variable angles, giving you full control over **light, shade, and natural ventilation**.

For enhanced comfort and functionality, the louvered pergola can also be integrated with **LED light strips, ceiling fans, and wind-resistant roller blinds**, creating an **eco-sunroom environment** where you and your family can relax and enjoy premium outdoor living.



Canopy Width: 8.66 in
Canopy Depth: 2.17 in
Profile Material Thickness: 0.07 in



Beam Width: 11.02 in
Beam Profile Thickness: 0.10 in
Sink Thickness: 0.07 in



Column Dimension: 5.91 × 5.91 in
Optional Dimension: 7.09 × 7.09 in
Profile Material Thickness: 0.08 in

OPTIONAL COLORS



Matte Black



Matte Gray



Metal Gray



Light Matte Gray



White

Pergola Styles



Sunshade Types

