

# WebbLok Roller Shade

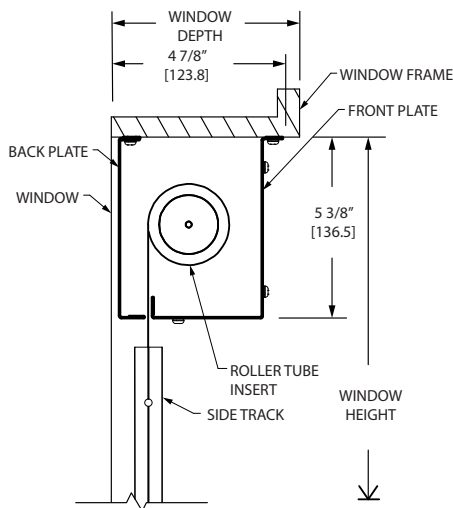
## Specification



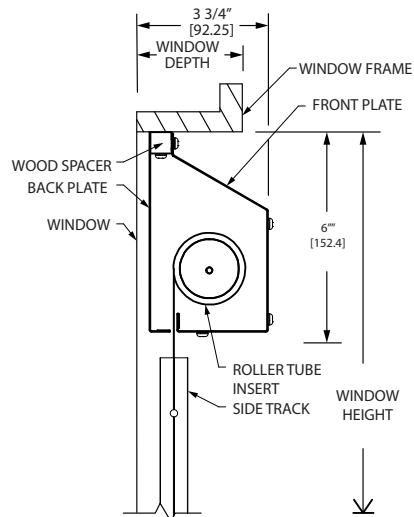
### FEATURES AND BENEFITS

- Designed for tamper resistance\* and durability
- Heavy-Duty Security Box and Back Plate Cover prevent tampering of shade hardware
- Cordless operation with no wands or chains
- Self-retracting with set stop locations
- Easy to clean and maintain without removing the shade
- Mullions available for outside mounted and multiple window applications

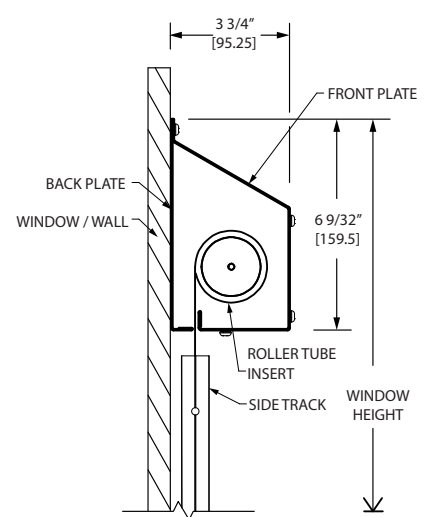
**SSB**  
(STANDARD SECURITY BOX)



**SB5ARD**  
(REDUCED DEPTH ANGLED SECURITY BOX)



**SB5A**  
(ANGLED SECURITY BOX)

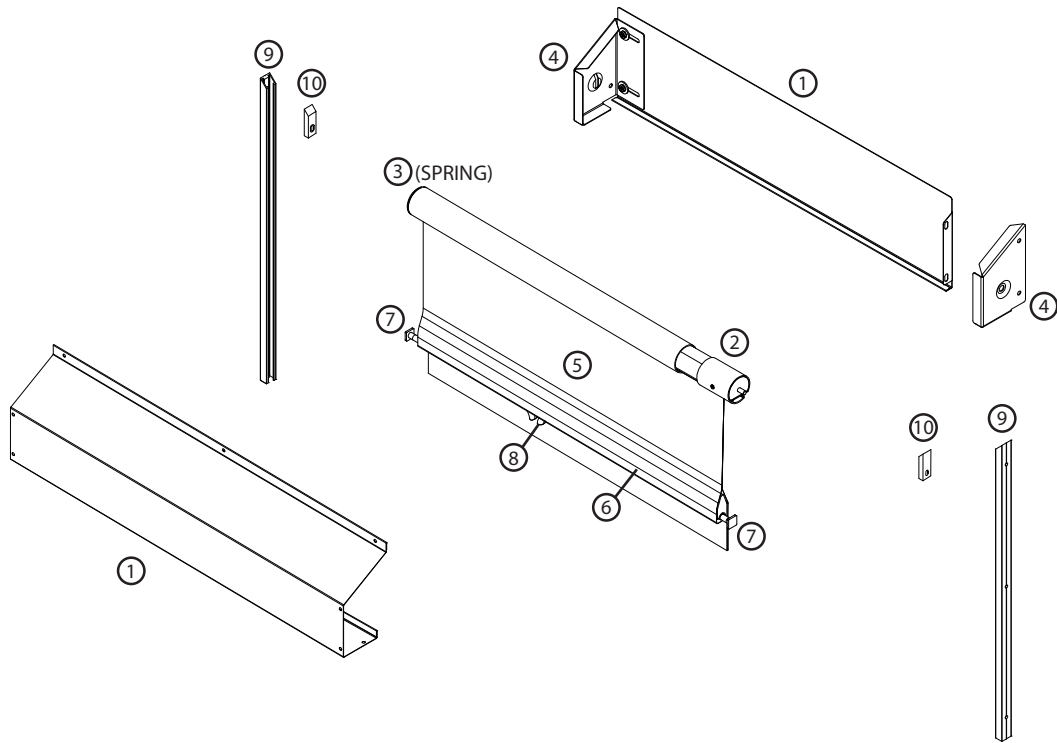


\*This product does not guarantee patient safety.

IPC.2111/REV.9

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#	ITEM	ADDITIONAL INFORMATION	COLOR OPTIONS	
1	SECURITY BOX	Front and Back plate; galvanized steel with powder coat finish; Available in SSB, SB5A, or SB5ARD.	White Bronze	Off-White Silver
2	ROLLER TUBE	1.75" Diameter.	n/a	
3	SPRING	Positively tensioned blue spring steel with drive pin.	n/a	
4	BRACKETS	Inside/ Jamb Mount; Galvanized Steel with powder coat finish.	White Bronze	Off-White Silver
5	FABRIC	See fabric selection for all available options.	Visit WTShade.com	
6	BOTTOM RAIL	Secured in fabric, with finger clip release.	n/a	
7	BREAK AWAY END TIPS	Standard with each shade.	Black Plastic Only	
8	FINGER CLIPS		White Plastic Only	
9	GUIDE TRACKS	Aluminum channels with preset stops and angled top.	White Bronze	Off-White Silver
10	TRACK STOPPER	ABS insert that aligns with top of track edge.	White Black	
N/A	MULLION OPTIONS	Various mullion styles available (See Mullion Plan View on next page).	White Bronze Mill Finish	Off-White Silver

SERIES	MIN. SHADE WIDTH	MIN. SHADE HEIGHT	MAX. SHADE WIDTH	MAX. SHADE HEIGHT
WebbLok®	16"	36"	72"	**

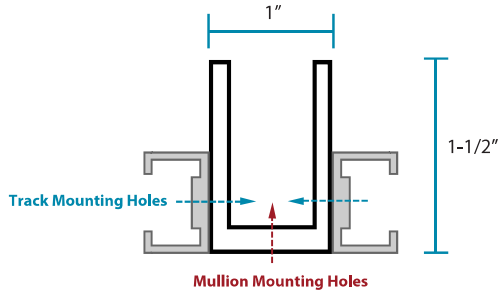
\*\* MAX SHADE HEIGHT: 96" or 2.5x width; whichever is greater.

System Capabilities are for guideline purposes only based on WT 243 fabric and do not guarantee that a shade with any fabric can be made to these dimensions. Width and length may vary depending on selected shade fabric. Visit WTShade.com or contact Customer Service to verify system capabilities based on project specific selections.

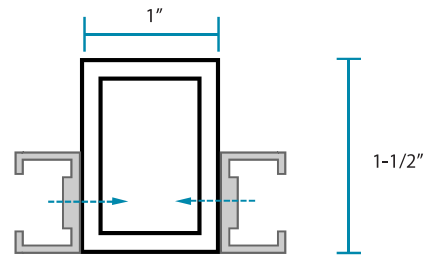
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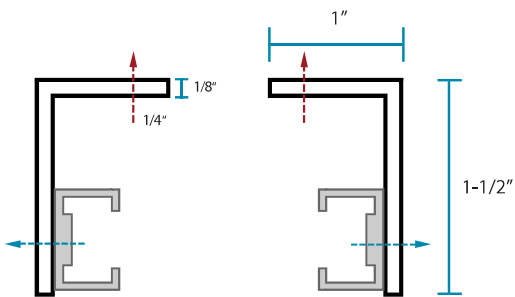
STANDARD MULLION SIZES WITH TYPICAL GUIDE TRACK PLACEMENT (CUSTOM SIZES AVAILABLE PER PROJECT REQ.)



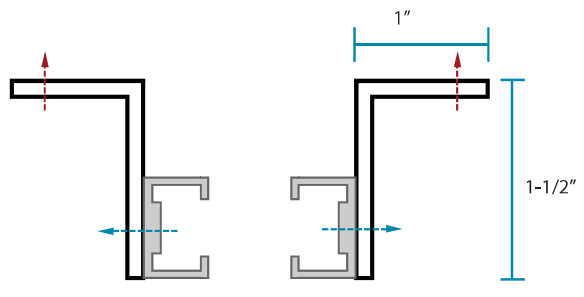
"H" MULLION  
CWM-0001



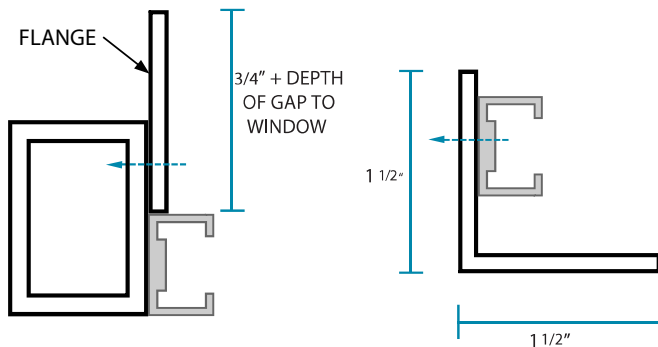
FLOATER MULLION  
CWM-0003  
(INSIDE MOUNT ONLY)



"L" MULLION LEG IN  
CWM-0002  
(SSB & SB5A-RD BOXES ONLY)

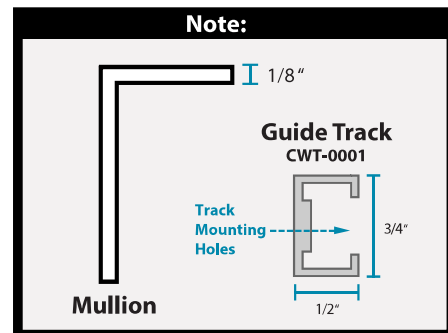


"L" MULLION LEG OUT  
CWM-0002



FLANGE MULLION  
CWM-0009  
(SHOWN W/ FLOATER)

PRIVACY "L" MULLION  
CWM-0010



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### 3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

### 3.3 INSTALLATION

- A. Install roller shades level, plumb, square, and true according to manufacturer's written instructions, and located so shade band is not closer than 0.75" to interior face of glass. Allow proper clearances for window operation hardware.
- B. Adjust and balance roller shades to operate smoothly, easily, safely, and free from binding or malfunction throughout entire operational range.
- C. Clean roller shade surfaces after installation, according to manufacturer's written instructions.
- D. Engage Installer to train Owner's maintenance personnel to adjust, operate and maintain roller shade systems.

### 3.4 PROTECTION

- A. Protect installed products until completion of project.
  - B. Touch-up, repair or replace damaged products before Substantial Completion.
- END OF SECTION

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inside the hem pocket. Hem pocket construction and bottom rail shall be similar, for all shades within one room.

### 2. Shade Band and Shade Roller Attachment:

- a. Use extruded aluminum shade roller tube of a diameter and wall thickness required to support shade fabric without excessive deflection. Roller tubes less than 1.55" (39.37 mm) in diameter for manual shades are not acceptable.
- b. Provide continuous positive engagement of spring mechanism
- c. Provide for positive mechanical attachment of shade band to roller tube; shade band shall be made removable / replaceable with 0.625" x 0.3125" extruded guide slats.

### 2.4 SHADE FABRICATION

- A. Fabricate units to completely fill existing openings from head to sill and jamb-to-jamb, unless specifically indicated otherwise.
- B. Fabricate shade cloth to hang flat without buckling or distortion. Fabricate with trimmed edges to hang straight without curling or raveling.
- C. Fabricate units for manual operation without the use of cords or chains using an internal lift spring completely contained within the shade roller tube.
- D. For railroaded shadebands, provide seams in railroaded multi-width shadebands as required to meet size requirements and in accordance with seam alignment as acceptable to Architect/customer. Seams shall be properly located.

### 2.5 COMPONENTS

- A. Access and Material Requirements:
  1. Provide shade hardware allowing for the removal of shade roller tube from brackets without removing hardware from opening.
  2. Use only ABS with UV inhibitors, reinforced vinyl, Styrene based plastics or Acetal for all plastic components of shade hardware.
- B. Manually Operated, Cordless WebbLok Hardware and Shade Brackets

### 1. Shade Roller:

- a. Tube: Provide extruded aluminum alloy 6061 or 6063, 1.75" diameter with exterior 0.15" x 0.84" slot for attaching shade fabric using 0.625" x .3125" extruded guide slats to provide horizontal adjustment of shade fabric while preventing removal of fabric after installation.
- b. Lift Mechanism: Inner lift spring shall be constructed of blue spring steel of sufficient thickness to provide positive mechanical engagement through entire operation of shade unit. Drive pins shall be heat-treated 1" x .024" steel.

### 2. Bottom Rail:

- a. Bottom Rail: Provide bottom rail constructed of milled wood board with 0.5" OD aluminum end tubes and notched center tube to contain aluminum rod mechanisms and finger clip releases.
- i. Finger Clip Release: Provide non-looping, injection molded ABS or Acetal finger clips. Shall be attached to threaded rod mechanism inside notched center tube.
- ii. Rod Mechanism: Provide two each per shade unit, 0.25" aluminum rods, custom fit to each shade unit, with removable, adjustable break-away end tips.
- iii. End Tips: Provide injection molded end tips, made of a flexible TPE and hard Nylon tip, fastened into 0.375" x 3.5" aluminum tube. Shall attach to threaded end of rod mechanism to allow for adjustment to exact window size. End tips shall provide lateral resiliency for proper alignment and engagement of track stops.

### 3. Bracket Plates:

- a. Provide mounting bracket plates constructed of 18 gauge galvanized steel with embossed drive pin slots, and 0.25" x 0.562" nylon bushing inserts pressed into each idler pin aperture. Shall be corrosion resistant and will not buckle, bend or break under the shear forces created by the roller tension, shade material, or normal operation.
- i. Fabric Valance Bracket Plates: Shall have a 0.5" x 2.75" lip for attaching fabric valance.
- ii. Optional Security Box Bracket Plates: Shall be constructed with 0.75" folded lips for attaching security boxes. Shall receive a baked on coating to match security box color as specified by Architect/customer.

### 4. Guide Tracks:

- a. Provide extruded aluminum alloy 6063-T5, 0.5" deep x 0.75" wide. Finish options shall be clear mill, clear anodized and powder coat finishes. Stops shall be punched from back of track at a downward angle to create level, preset stops in the upward direction and eliminate engagement with break-away end tips moving in a downward direction. All tracks shall have identical stops for shades to remain level with bottom sill. Track shall be mounted with screws at the top, center and bottom, with an ABS stopper insert at the top to contain end tips within track.

### C. Valance:

1. Shall be made from the shade fabric, attached to standard 0.875" x 1.5" wood headrail, 8" in length with bar-welded (not sewn) hem. Returns, if required, shall be attached to headboard. Headboard shall be attached to lip on bracket plate using #8 x 0.5" stainless steel pan head screws.  
OR
2. Security Box: Provide front security box and back plate constructed of corrosion resistant galvanized steel of sufficient thickness to prevent bending or buckling, with a baked on coating. Shall be custom fit to each window opening with folded lips to eliminate exposed edged. Security box and back shall create a sealed unit to prevent access and removal of shade roller. Security box shall be attached to bracket plates using self drilling fasteners. Security box types:
  - a. Standard Security Box – SSB
  - b. Angled Security Box – SB5A
  - c. Angled Security Box Reduced Depth – SB5A RD (includes wooden 5/8" x 5/8" top lip support for mounting)

## PART 3 EXECUTION

### 3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect/customer of unsatisfactory preparation before proceeding.

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### PART 1 GENERAL

#### 1.1 SECTION INCLUDES

- A. Sunscreen roller shades.
- B. Room darkening roller shades.

#### 1.2 REFERENCES

- A. ASTM G 21 - Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi.
- B. NFPA 701 - Fire Tests for Flame-Resistant Textiles and Films.
- C. GREENGUARD - Indoor Air Quality Certified
- D. GREENGUARD Children & Schools - Indoor Air Quality Certified

#### 1.3 SUSTAINABILITY REQUIREMENTS

##### A. Recycled Content:

- 1. Pre Consumer: Aluminum and cardboard
- 2. Post Consumer:
  - a. Solar Screen Fabric 100% recyclable
  - b. Aluminum roller tubes and mullions
  - c. Steel roller spring, center spring, fasteners and bracket plates
  - d. TPE and Nylon plastic end tips
  - e. Cardboard crates and boxes
- B. Low Emitting Materials
  - a. GREENGUARD - Indoor Air Quality Certified
  - b. GREENGUARD Children & Schools - Indoor Air Quality Certified
- C. Optimized Energy Performance
  - a. Solar screen fabric blocks more than 80% of solar heat and 98% of harmful UV rays, lowering indoor temperatures.

#### 1.4 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Manufacturer's data sheets on each product to be used, including:
  - 1. Preparation instructions and recommendations.
  - 2. Styles, material descriptions, dimensions of individual components, profiles, features, finishes and operating instructions.
  - 3. Storage and handling requirements and recommendations.
  - 4. Mounting details and installation methods.

- C. Shop Drawings: Plans, elevations, sections, product details, installation details, operational clearances, and relationship to adjacent work.
- D. Window Treatment Schedule: For all roller shades. Use same room designations as indicated on the Drawings and include opening sizes and key to typical mounting details.
- E. Selection Samples: For each finish product specified, one set of shade cloth options and aluminum finish color samples representing manufacturer's full range of available colors and patterns.
- F. Verification Samples: Shade cloth sample and aluminum finish sample as selected. Mark material to indicate interior faces.
- G. Maintenance Data: Methods for maintaining roller shades, precautions regarding cleaning materials and methods, instructions for operating hardware and controls.

#### 1.5 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Obtain roller shades through one source from a single manufacturer with experience in manufacturing products comparable to those specified in this section.
- B. Installer Qualifications: Installer trained and certified by the manufacturer with a minimum of ten years experience in installing products comparable to those specified in this section.
- C. Fire-Test-Response Characteristics: Passes NFPA 701 small and large-scale vertical burn. Materials tested shall be identical to products proposed for use.
- D. Anti-Microbial Characteristics: 'No Growth' per ASTM G 21 results for fungi ATCC9642, ATCC 9644, ATCC9645.
- E. Indoor Air Quality Components:
  - 1. The GREENGUARD Indoor Air Quality Certification Program gives assurance the products are designed for use in office environments and other indoor spaces meet strict chemical emissions limits, which contribute to the creation of healthier interiors.
  - 2. The GREENGUARD Children & Schools - Indoor Air Quality Certified Products certified to this standard are also suitable for use in environments where children and others work, play or reside.

#### 1.6 DELIVERY, STORAGE, AND HANDLING

- A. Deliver shades in factory-labeled packages, marked with manufacturer and product name, fire- test-response characteristics, and location of installation using same room designations indicated on Drawings and in the Window Treatment Schedule.

#### 1.7 PROJECT CONDITIONS

- A. Environmental Limitations: Install roller shades after finish work including painting is complete and ambient temperature and humidity conditions are maintained at the levels indicated for Project when occupied for its intended use.

#### 1.8 WARRANTY

- A. Roller Shade Hardware: Manufacturer's standard non-depreciating ten year limited warranty.
- B. Standard Shade cloth: Manufacturer's standard three year warranty.

### PART 2 PRODUCTS

#### 2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Inpro Corp, PO Box 406, Muskego, WI 53150, Telephone: 1-800-222-5556
- B. Substitutions: Not permitted.

#### 2.2 ROLLER SHADE TYPES

- A. Manually Operated Cordless Shades:
  - 1. Mounting: Surface mounted.
  - 2. Mounting: Surface mounted with fascia.
  - 3. Configuration: Single solar shade cloth.
  - 4. Configuration: Single blackout shade cloth.
  - 5. Shade cloths: Fabric and color selected from manufacturer's standard fabrics.

#### 2.3 SHADE BAND

- A. Shade Bands: Construction of shade band includes the fabric, the bottom rail, hem-pockets, shade roller tube, and the attachment of the shade band to the roller tube.
  - 1. Hem Pockets and Bottom Rail: Fabric hem pocket with RF-welded seams and concealed bottom rail. Bottom Rail shall be of appropriate size and weight for shade band. Bottom rail shall be continuous