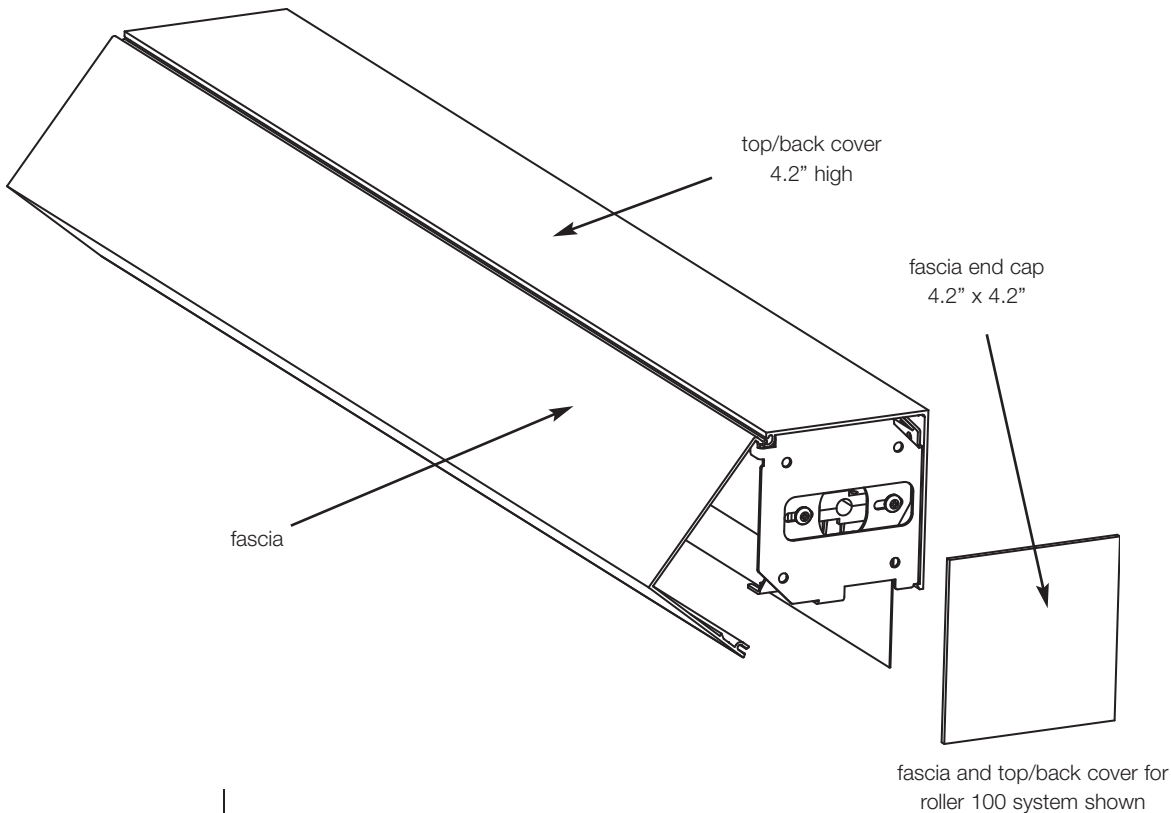


# 2 | roller shade mechanical components



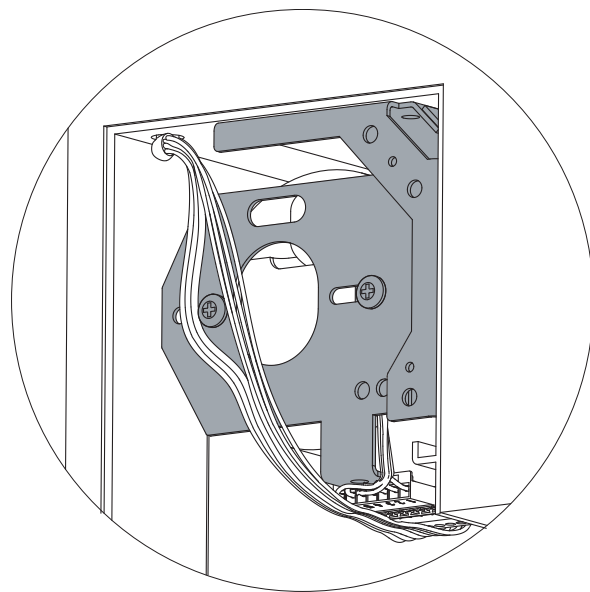
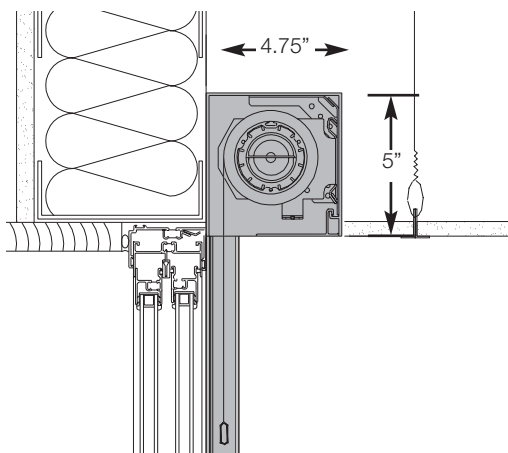
## mechanical | fascia and top/back cover

A two-piece enclosure system designed to conceal the drive system and offer easy access for maintenance. Some systems offer a curved fascia as well.



## mechanical | pocket

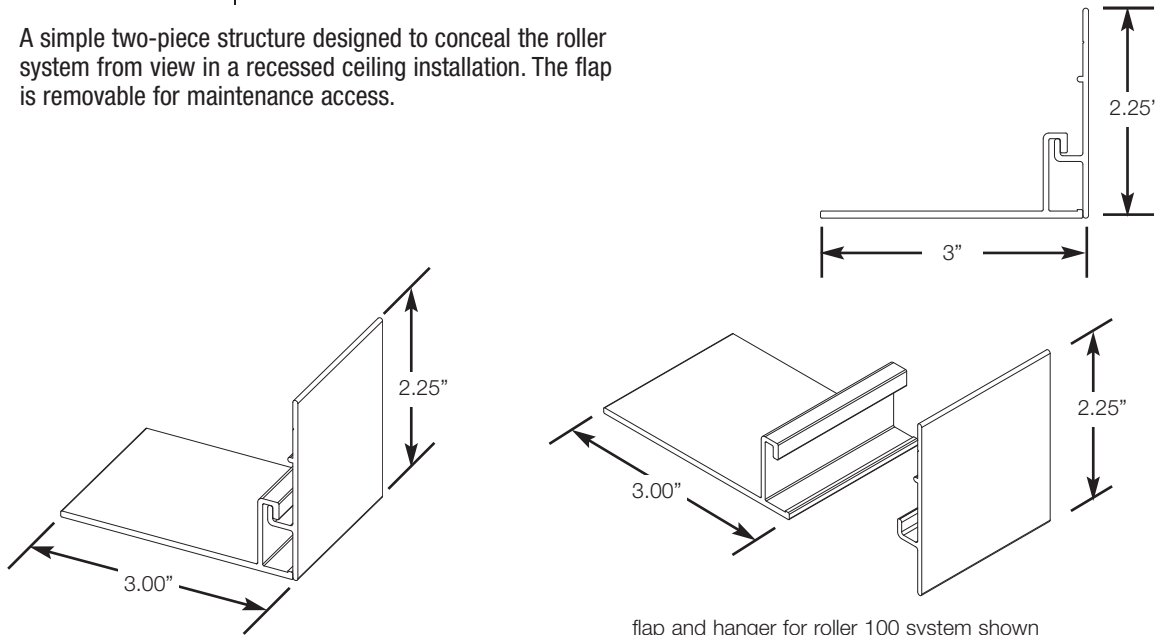
A one-piece metal enclosure for wall, inside or recessed installation. The width of the pocket is equal to the bracket-to-bracket dimension. The pocket is approximately 1 1/2" wider than the fabric panel width. See recommended wire dressing for the roller 100 pocket to left.



MECHANICAL COMPONENTS

## mechanical | flap and hanger

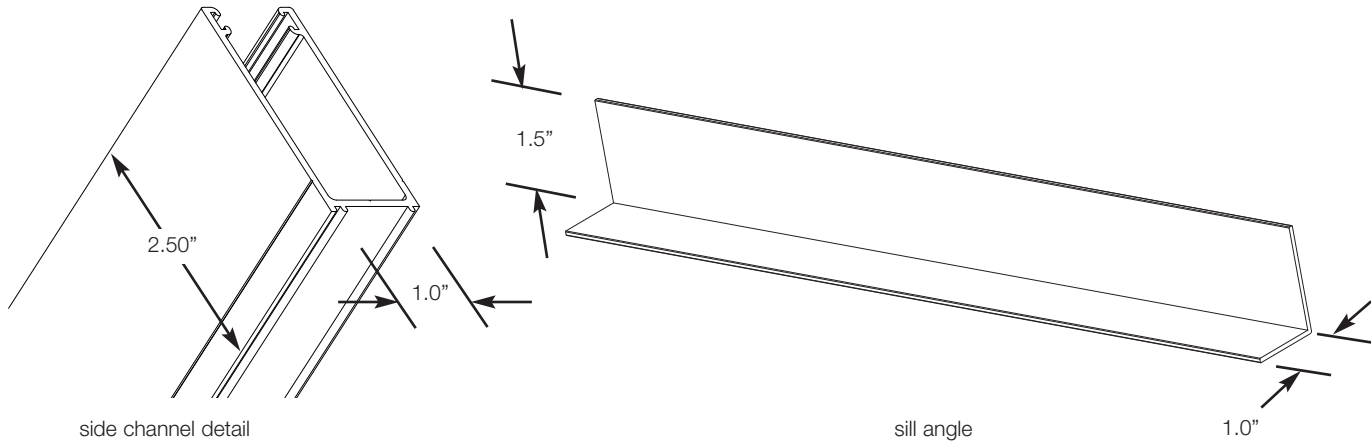
A simple two-piece structure designed to conceal the roller system from view in a recessed ceiling installation. The flap is removable for maintenance access.



flap and hanger for roller 100 system shown

## mechanical | side channels and sill angles

To provide a blackout installation, these framing lineals provide a light seal along the three edges of the fabric as it lowers in the window. The side channels are available in a 2 1/2" width and attach directly to the pocket. A wool-pile brush ensures light seal. The sill angle fits along the sill where the hembar stops. Minimal caulking may be required if the window sill surface is not smooth and level.



side channel detail

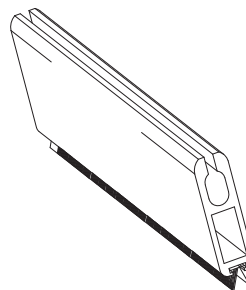
sill angle

1.0"

## mechanical | hembars

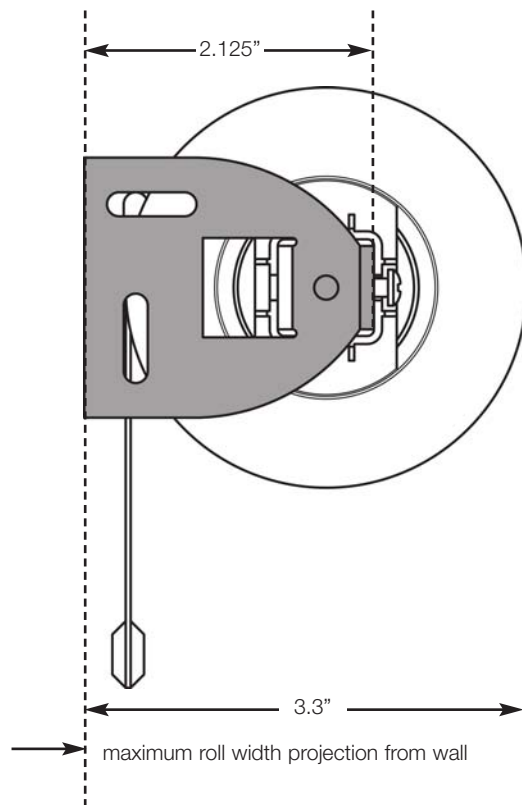
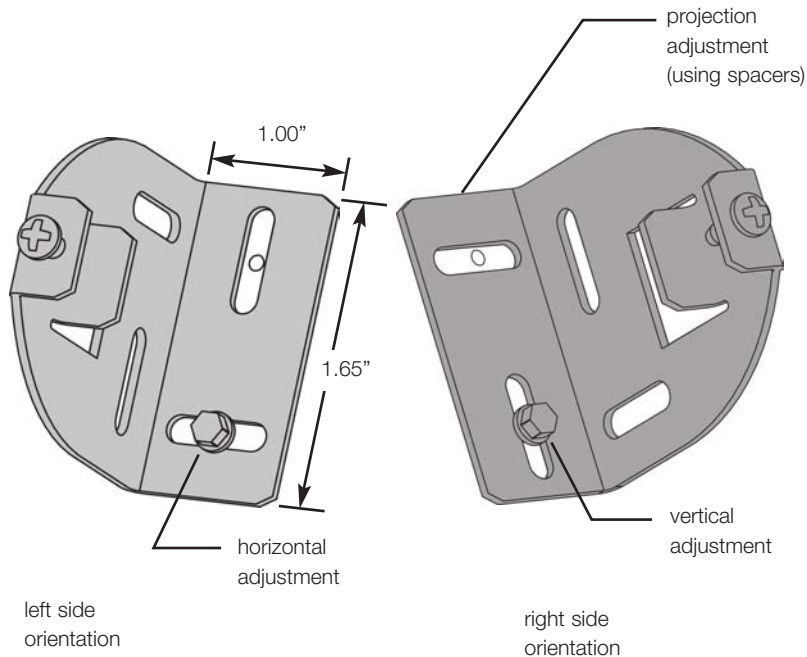
An exposed hembar should be used for blackout systems.

- Exposed hembars include a wool pile bottom to help create a light seal against the sill.
- Custom mill work can be created to allow the hembar to recess into the sill when completely closed.
- Sealed hembars are also available.



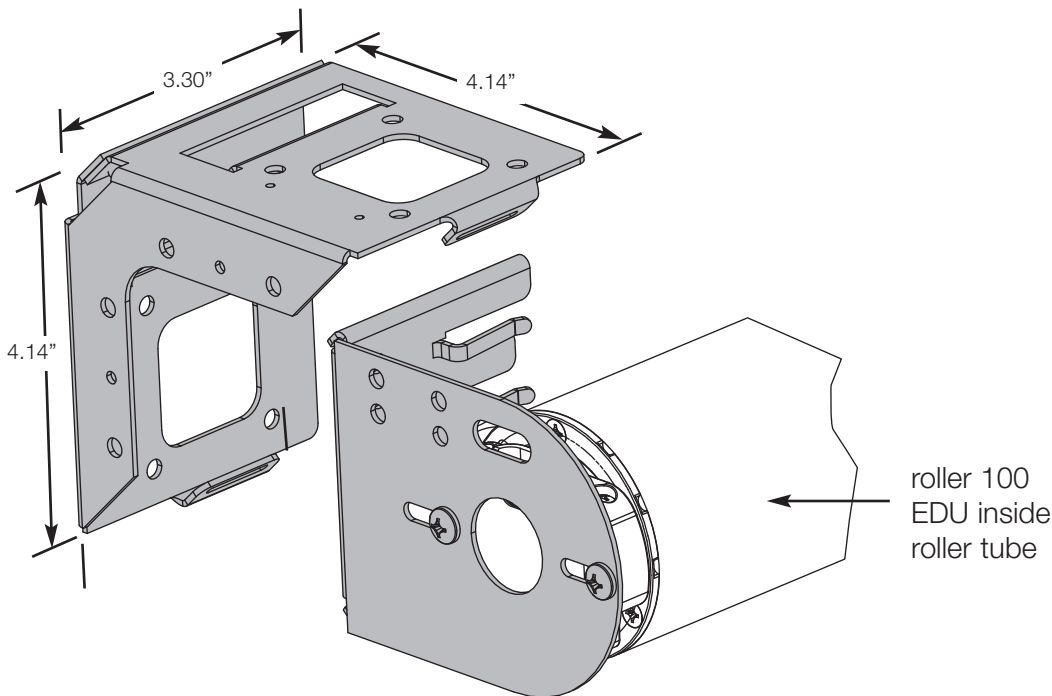
## mechanical | roller 64 | brackets

The system uses one simple bracket for any installation (jamb, wall, pocket, ceiling). The same bracket is used for the left and right sides.



## mechanical | roller 100 | jamb brackets

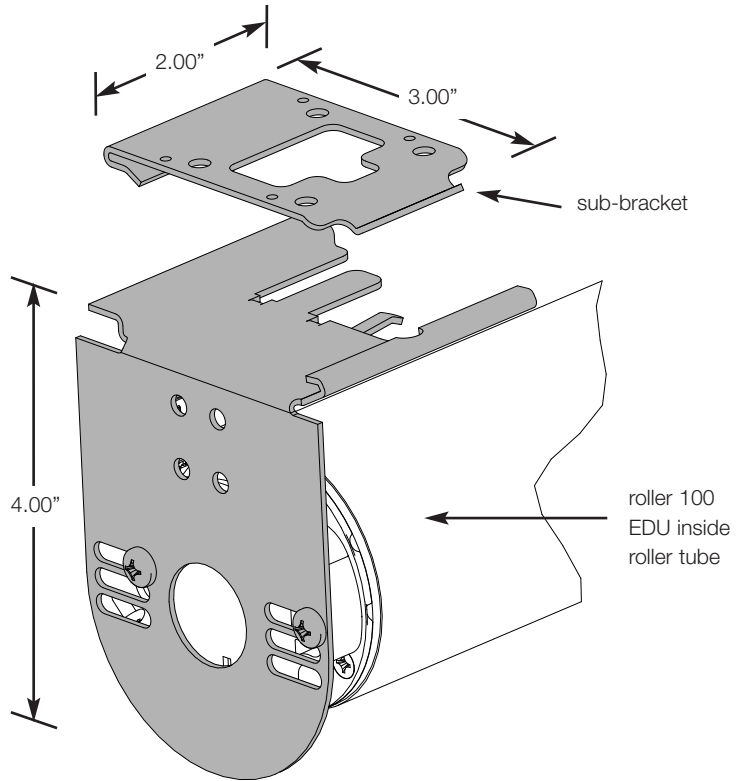
All roller 100 bracket systems offer leveling, centering and projection adjustments after mounting.



MECHANICAL COMPONENTS

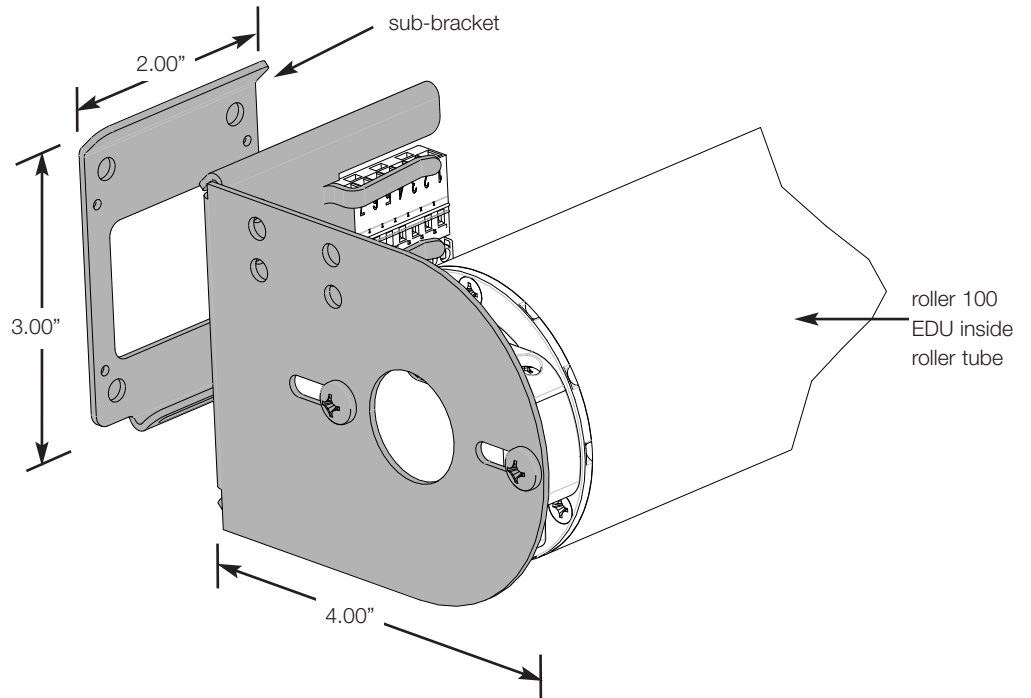
mechanical | roller 100 | ceiling brackets

ceiling mount bracket and sub-bracket



mechanical | roller 100 | wall brackets

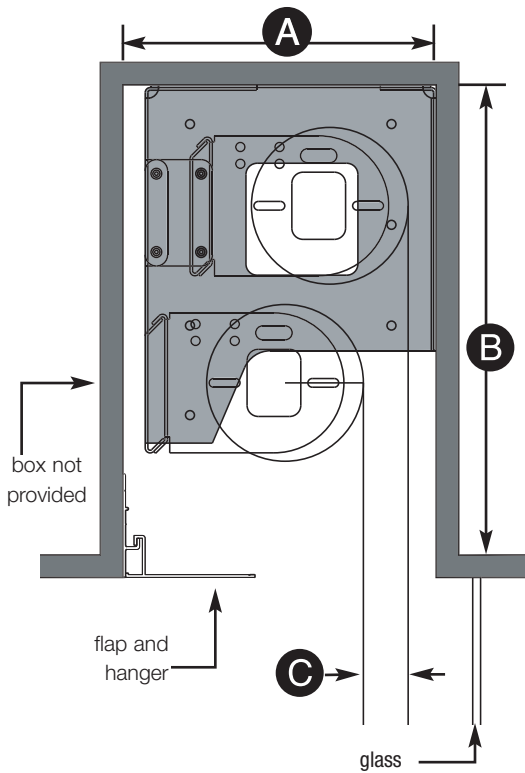
wall mount bracket and sub-bracket



MECHANICAL COMPONENTS

mechanical | roller 100 | dual-mounted

dual-mounted bracket system



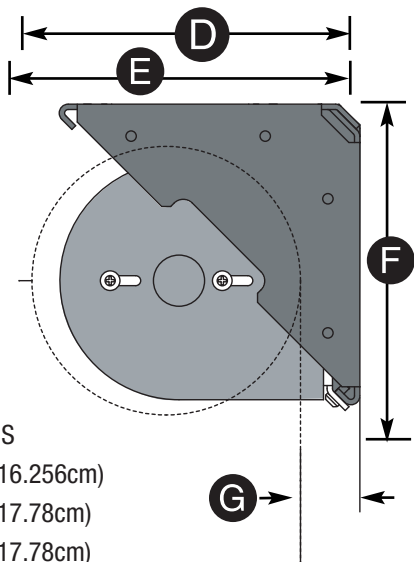
recessed solution shown using dual-mounted brackets (model# SVQ-CWJ-DUAL-BRK) and wall mounted Sivoia QED roller shades

DIMENSIONS

- A** 7.0" (17.78cm)
- B** 11.0" (27.94cm)
- C** 1.0" (2.54cm)  
(varies as shades raise and lower)

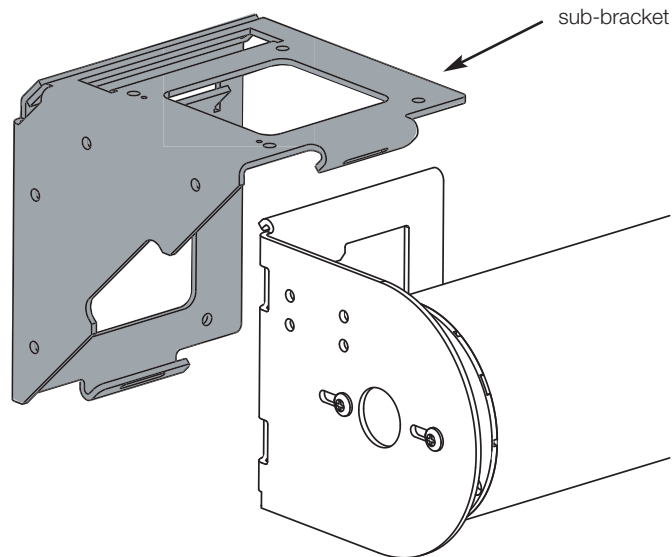
mechanical | roller 225

The roller 225 system can only be installed in a jamb or recess position. This bracket system also offers leveling, centering and projection adjustments after mounting.



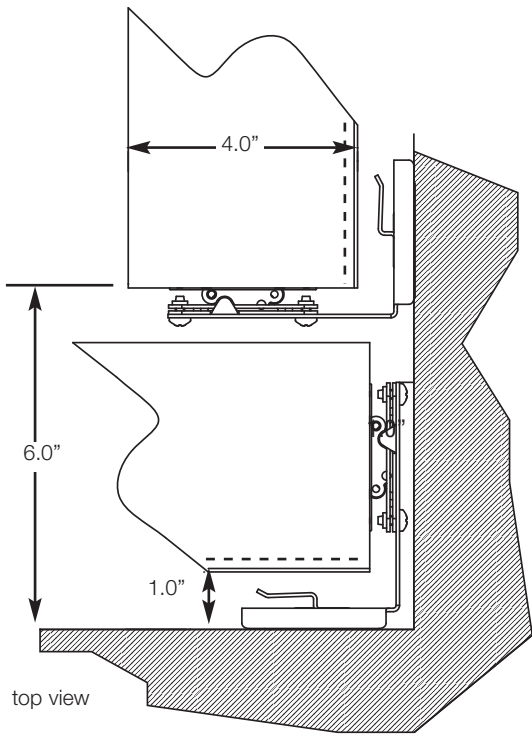
DIMENSIONS

- D** 6.40" (16.256cm)
- E** 7.00" (17.78cm)
- F** 7.00" (17.78cm)
- G** 1.10"-2.00" (2.79-5.08cm)  
range of fabric projection

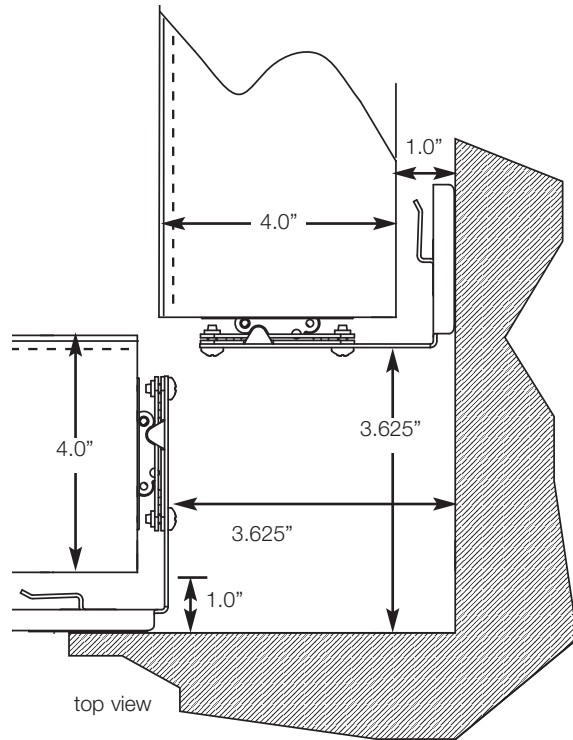


MECHANICAL COMPONENTS

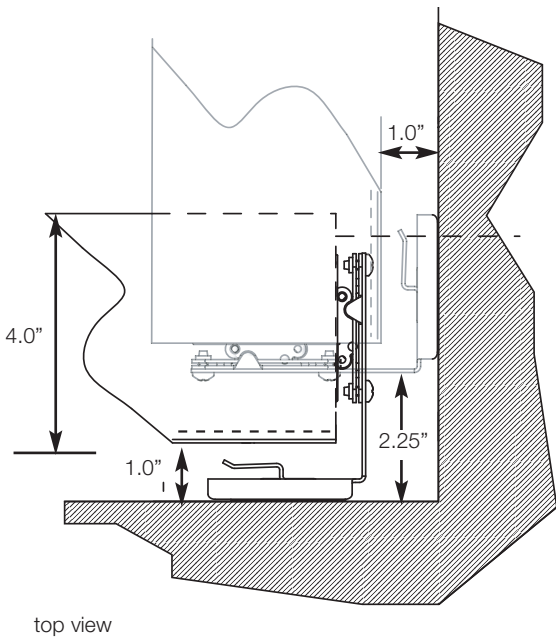
mechanical | roller 100 | corner installations



**Option 1**  
Roller shades mounted at same height meeting in a corner. Regular fabric roll shown.

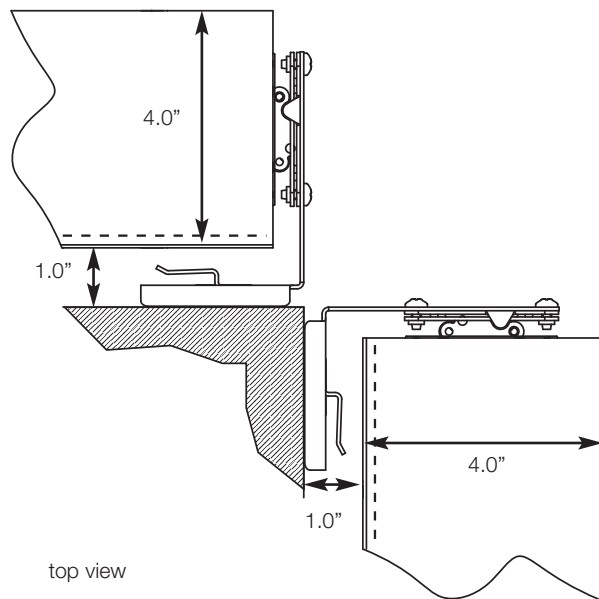


**Option 2**  
Roller shades mounted parallel meeting in a corner. Reverse fabric roll shown. A reverse roll here minimizes the fabric gap when the shades are lowered.



**Option 3**  
Roller shades mounted in vertical stack, meeting in a corner. Standard fabric roll shown. The lower shade is installed up to 2.25" off the perpendicular wall to allow the fabric from the upper shade to drop behind the lower shade's idler bracket.

**Note:** dashed lines indicate fabric drop



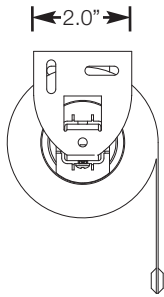
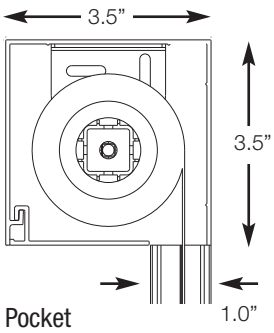
**Option 4**  
Roller shades mounted parallel meeting at an outside corner. Regular fabric roll shown to minimize fabric gaps.

**Note:** dashed lines indicate fabric drop

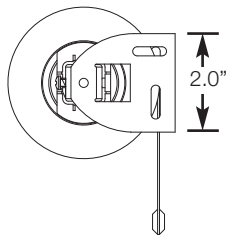


mechanical | system dimensions

Roller 64

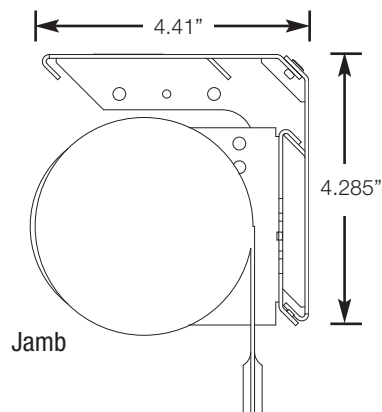
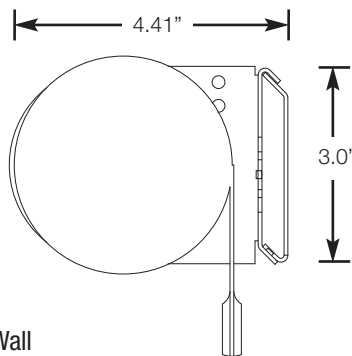
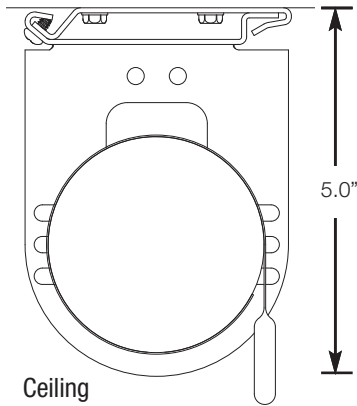
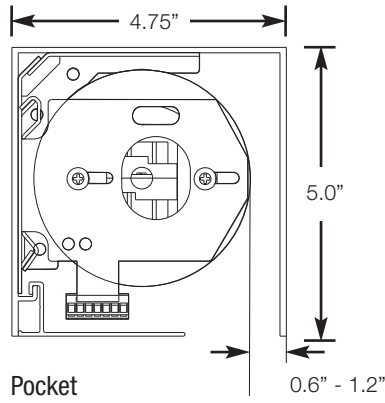


Ceiling

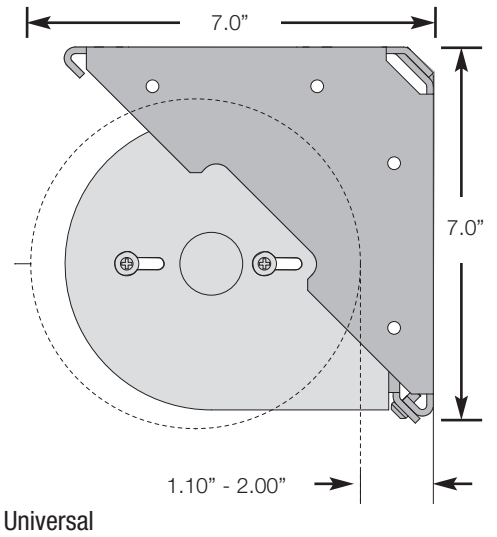


Wall/Jamb

Roller 100 Pocket Bracket

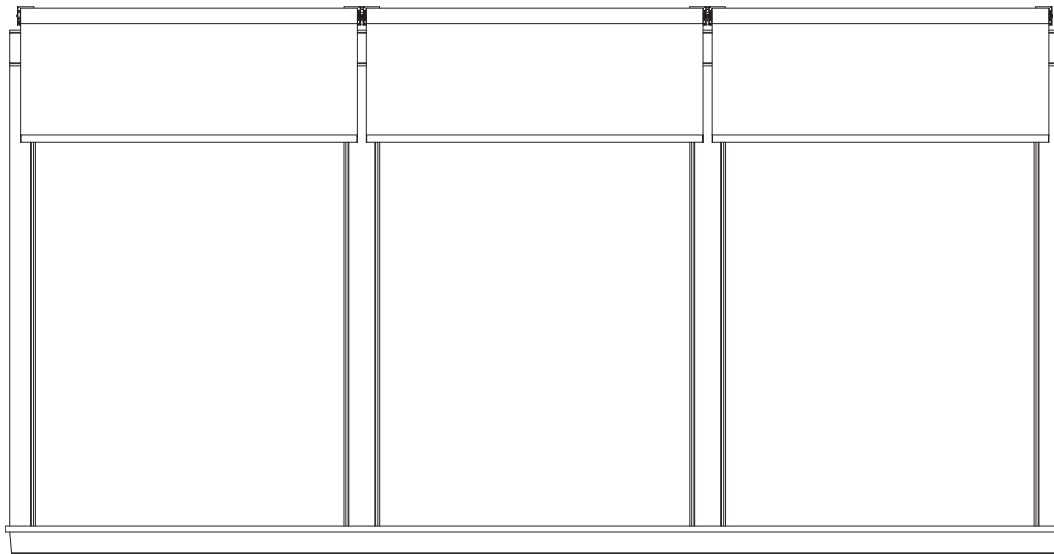


Roller 225



MECHANICAL COMPONENTS

# how to measure | in-line coupling



Coupled shades may provide a means to reduce the total installed cost of the Sivoia QED system. The number of EDUs on a job may be reduced where independent control of adjacent shades is not needed. With a reduction in the number of EDUs there will be an equal reduction in transformers and wiring. This may also simplify the programming and setup of the job.

In an in-line coupled system, one EDU is lifting up to three fabric panels. The EDU can lift approximately 100 square feet of fabric. For a specific application, use the Shade Configuration Tool (available at [www.lutron.com](http://www.lutron.com)) to verify that dimensions and fabric panel sizes fall within the scope of the Sivoia QED system.

With the in-line coupled system, up to three shade panels can be operated from a single EDU. A coupling pin provides for phase adjustment that allows the installer to adjust the hembar alignment after installation and without removing the fabric panels from the tube. Likewise, the in-line coupled system provides the same leveling, shade centering, and projection adjustment that is provided on the single roller Sivoia QED shade. Also, in-line coupling is supported for all five mounting conditions: wall, ceiling, jamb/recess, fascia, and pocket. Fabric gaps are shown in the illustration below.

MECHANICAL COMPONENTS

