

LightBloc FlexShade System by



Please Check All Appropriate Selections and attach room schedule with field verified dimensions.

Select Fabric¹ Indicate color name & no.

- SunBloc SB9000 _____
- SunBloc SB9100 _____
- Flocke by Mermet² _____
- Roc-Rol by Rockland² _____
- SheerWeave® SW7000² _____
- SheerWeave® SW7100² _____

Please see Draper's Shade Fabric Reference Sheet for fabric colors and specifications.

Select Operator

- Electric Motor
- Bead Chain Clutch (see safety note at right)
 - Stainless Steel (standard)
 - Plastic
 - Ivory
 - Black
 - Grey
 - Optional Chain Hold Down
- Crank Operator
 - Specify crank length _____ 6' max.
 - Fixed
 - Detachable _____ # of handles per job
- Spring Roller

Select Operator Location

Select **right side (standard)** or left side, as seen from inside the room, facing the window. Indicate selection on room schedule.

- Right Side (standard)
- Left Side

Select Hardware Style

Headbox

- Surface Mount at Head
- Installation Inside Pocket

Side Channels For Installation To:

- Face³
- Jamb³
 - Mounting Angle On Room Side³
 - Mounting Angle On Window Side³

Sill Channels For Installation To:

- Face (Wall)
- Jamb (Sill)

Select Hardware Finish

- Clear anodized (standard)
- Black Ivory
- White Bronze

Installation

- Do any units abut at mullions?
Which? _____

Control Options:

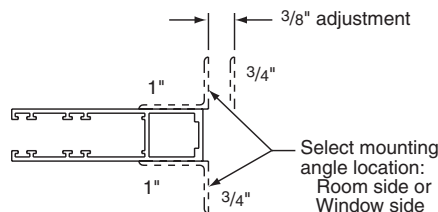
- 110-120V Wall Switch for Single Shade Control
- Low Voltage and/or Multiple Shade Control: **Please see Draper's IntelliFlex® Control System Selection Sheet to design a control solution for this product. The form is available at www.draperinc.com, or by contacting Draper.**

¹ Not all sizes are offered in all fabrics or operators. Contact Draper for details.

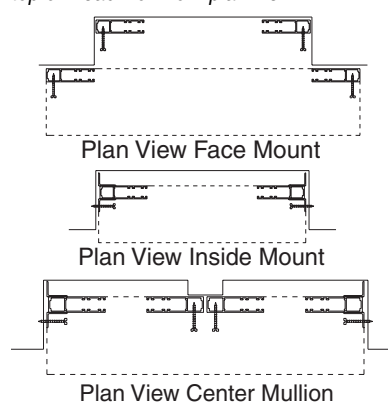
² Fabric retention system not available.

³ See detail drawings on page 2.

Jamb Angle Details

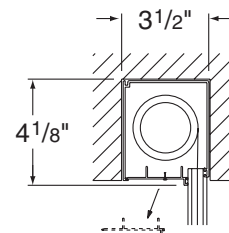


Dotted lines below indicate outline of top of Head Box from plan view

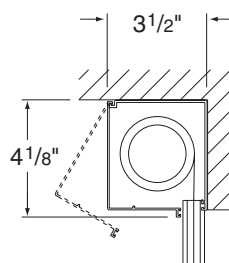


Methods Of Installation

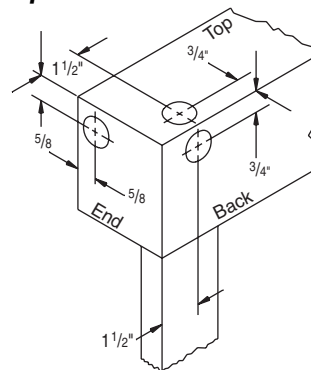
Installation Inside Existing Pocket



Ceiling/Wall Mount (Standard)



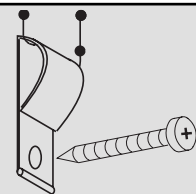
Optional Cable Exit Hole Locations



Draper does not supply conduit, connectors or knockouts. If you need predrilled holes, please specify the location. Three, standard conduit exit hole locations are identified at left.

Safety Note for Bead Chain Clutch-Operated Shades

Please Note: If shades are to be installed in areas accessible to young children, be certain to use cord tension device included with Bead Chain Clutch shades. Clutch-operated shades should not be installed near cribs or playpens.



LightBloc Shading System Available In All Sizes Through 8' Wide x 12' High

PROJECT: _____

ARCHITECT: _____

CONTRACTOR: _____

SUPPLIER: _____

DATE: _____ REVISED: _____

LightBloc FlexShade System Specifications

Method Of Operation

Electric Operator: Drive unit inside roller, to be 3-wire, instantly reversible, lifetime lubricated. **Right hand motor location standard**, left hand available. Adjustable limit switches, thermal overload protector and electric brake. Operates on 110-120V AC 1 ph. 60 hz. current. Draws 1.1 amp. For control options, please refer to IntelliFlex® Controls Reference Sheet.

Bead Chain Clutch Operator: High carbon steel and molded fiberglass-reinforced polyester. Bidirectional for mounting at either end of roller. **Right hand standard**; left hand available. Control loop, of any required length, is a plastic or stainless steel bead chain (stainless steel is standard). Plastic chain in (ivory/grey/black). Never needs adjusting.

Crank Operator: Gear box, of die cast aluminum and steel, has ratio of 3.0 to 1. Bidirectional to mount at either end of roller. Never needs lubrication or adjustment. Crank handle assembly, of anodized aluminum and chrome plated steel, in overall lengths to 6', detachable or permanently mounted. Crank roller insert, of injection molded nylon and steel, is installed in the roller and engages to gear box.

Spring Roller Operator: Institutional quality, all with heavy-duty springs. All shades are mounted on one-piece electro-galvanized steel rollers.

Hardware

Rollers (except shades with spring rollers): Sizes 1½" dia. with .065 wall or 2" dia. with .080 wall—6063-T5 aluminum extruded tube. Roller assembly easily removable.

Roller Idler Assembly: Type 6/6 injected molded nylon and a zinc-plated cold rolled steel pin. Sliding pin for easy installation and removal of the roller.

Endcaps: 1028 steel stamping, ¾" x 3¾", complete with roller adapter bracket. Large endcaps 4½" x 4½", also available at manufacturer's discretion. Installs to face, ceiling, or jamb. Accepts roller box cover and fabric guide.

Headbox, Channels & Slat Bar: 6063-T5 aluminum custom extruded shapes,

.060 wall. **Clear anodized (standard)**, or black, white, ivory, or bronze powder coat finish. All contain grooves to accept light seal elements.

Headbox is available in two configurations. The first, for surface or jamb installation, consists of an L-shaped back/top and an L-shaped front/bottom. The second, for pocket installation, includes a U-shaped back/top/front with removable bottom. Some exposed fasteners required. **Clear anodized (standard)**, or black, white, ivory, or bronze powder coat finish.

Side Channels of one-piece construction. Channel consists of two chambers. One accepts the fabric and contains groove for fabric retainer. The second accepts the fabric guide and channel locator (see below). Face-mounted units require plastic cover buttons.

Sill Channel accepts the slat bar, prevents light leakage. Bottom of channel provides for use of flat head screws.

Slat Bar is furnished with sill channel and is attached to the bottom of shade fabric. Includes a chamber for additional weight if needed for smooth operation. Does not retract into operator enclosure (headbox).

Channel Locator: Type 6/6 injected molded nylon. Aligns enclosure and channels.

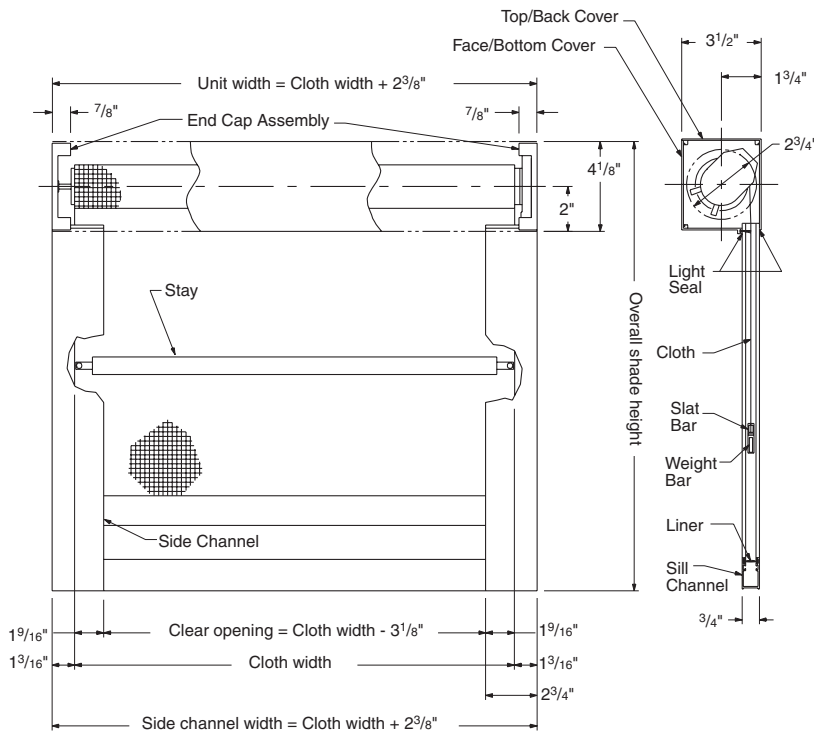
Fabric Guides: Plated steel. Forms a transition for the fabric as it rolls into the channels, reducing friction.

Patented Fabric Retention (Available with SB9000/SB9100 only): Horizontal steel stays are installed at regular intervals and covered. At each end of stays, a grommet is installed through the stay and shade fabric. The grommets are then held within the side channels by fabric retainers. This system enables the shade to withstand reasonable air pressure differentials. *Note—Extreme air currents or physical interference may cause product failure.* Patented by Draper, Inc. (U.S. Patent No. 5,323,831).

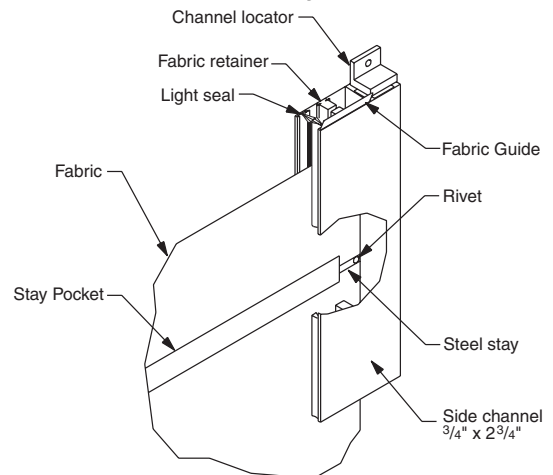
Opacity Plates: 1018 steel with a rubber "O" ring. Installed on the endcaps of the roller box to eliminate light leakage.

Downloadable 3-part specifications are available at www.draperinc.com.

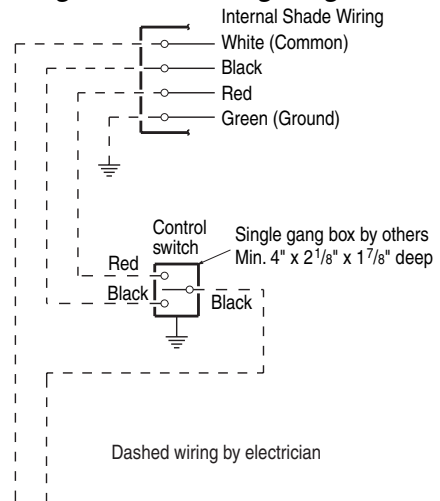
Dimensions



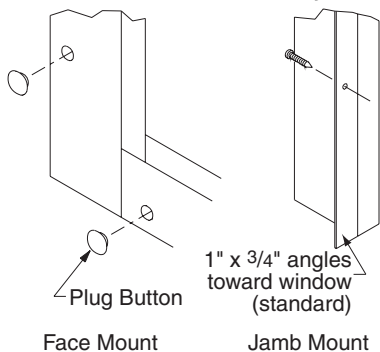
Fabric Retention System Details



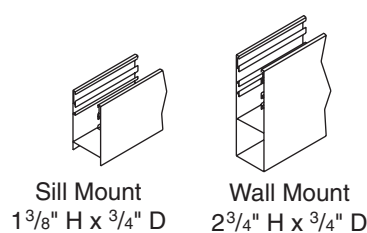
Single Shade Wiring Diagram



Channels drilled for face or jamb mount



Sill Channel Details



To 110-120V Line

NOTE: Test shade operation. If shade direction does not correspond with the switch orientation, turn power back off and switch the red and black wires from the motor to the switch.