LightBloc FlexShade System

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

Select Fabric

- Draper SunBloc SB9000
- Draper SunBloc SB9100
- Mermet Flocke
- Phifer SheerWeave® SW7000
- Phifer SheerWeave® SW7100
- Rockland Roc-Rol

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

Select Operator and Control Options

- Standard 110-120V AC Motors
  - Standard Motor
  - Quiet Motor
- Controls
  - 110-120V Wall Switch for Single Shade Control
  - Low Voltage and/or Multiple Shade Control

Select Operator Location

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

Select Hardware Style

- Headbox
  - Surface Mount at Head
  - Installation Inside Pocket

Side Channels For Installation To:

- Face
- Jamb
- Mounting Angle On Room Side
- Mounting Angle On Window Side

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?

Safety Note for Bead Chain Clutch 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.

PROJECT: ________________________________

ARCHITECT: ____________________________

CONTRACTOR: __________________________

SUPPLIER: ______________________________

DATE: ___________________ REVISED: ____________
LightBloc FlexShade System by Draper

LightBloc FlexShade System Specifications

Method Of Operation

Electric Operator: Drive unit inside roller, 4-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 Amps. For controls, see Intellicontrol® Controls Reference Sheet and Intelligent Controls Planning Sheet.

Quiet Electric Operator: Drive unit inside roller, 4-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 Amps. Operates at or below sound level of 44 Db. For controls, see Intellicontrol® Controls Reference Sheet and Intelligent Controls Planning Sheet. Call Draper for size limitations when using quiet motors.


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 zinclated cold rolled steel pin. Sliding pin for easy installation and removal of the roller.

Endcaps: 1028 steel stamping, 3¼” x 3¼”, 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. Includes a chamber for additional weight if needed for smooth operation. Does not retract into operator enclosure (headbox). 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; CA 2,125,517).

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**

<table>
<thead>
<tr>
<th>Component</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit width</td>
<td>Cloth width + 2⅜&quot;</td>
</tr>
<tr>
<td>Clear opening</td>
<td>Cloth width - 3⅛&quot;</td>
</tr>
<tr>
<td>Side channel width</td>
<td>Cloth width + 2⅜&quot;</td>
</tr>
</tbody>
</table>

**Fabric Retention System Details**

- Fabric retainer
- Light seal
- Steel stay
- Stay Pocket

**Sill Channel Details**

- Sill Mount: 1⅛" H x ¾" D
- Wall Mount: 2¾" H x ¾" D

**Single Shade Wiring Diagram**

- White (Common)
- Black
- Red
- Green (Ground)

**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.

**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.

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**Channels drilled for face or jamb mount**

- 1" x ¾" angles toward window (standard)

**Internal Shade Wiring**

- To 110-120V Line

Dashed wiring by electrician