Skylight 2 FlexShade®
Motor operated skylight shade for very large applications

Please check all appropriate selections and attach room schedule with verified dimensions.

**SKYLIGHT 2**

Fabric Series: ________________________________
Color Name / Number: ________________________________
Openness Factor: ________________________________

Please see Draper’s Fabric Options for fabric colors and specifications.

**Select Installation Option (see below)**

- Incline-Up
- Measured Angle of Installation:
- OR Horizontal Run:
- AND Vertical Rise:
- Incline-Down
- Measured Angle of Installation:
- OR Horizontal Run:
- AND Vertical Rise:
- Vertical-Up
- Vertical-Down
- Horizontal

**Select Operator Location (see diagrams on pages 2 & 3)**

- Right (Standard)
- Left (Optional)

**Select Motor and Options**

- Standard 110-120V AC Motor
  - Controls
  - 110-120V Wall Switch for Single Shade Control
  - Low Voltage and/or Multiple Shade Control
    - To design a control system, please see our full range of options at www.draperinc.com, or contact Draper.

- Radio Technology 110-120V AC Motor
  - Controls
  - Remote Controls for Radio-Frequency Motors
  - 1-Channel Transmitter
  - 4-Channel Transmitter
  - 5-Channel Transmitter with scroll wheel
  - Dry Contact Interface
  - Single Motor Sun Sensor
  - Radio Frequency Wall Switch
  - 1-Channel (Circle one: White/Ivory)
  - 4-Channel (Circle one: White/Ivory)
  - Chronis 1-Channel with 24-hour Timer
  - Multi-Link Universal RTS Interface (5-channel)
  - Multi-Link RS232 to RTS Interface (16-channel)
Specifications

**METHOD OF OPERATION**

**ELECTRIC OPERATOR:** Drive unit inside roller, 4-wire, instantly reversible, derived 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.

**RADIO FREQUENCY ELECTRIC OPERATOR:** Drive unit inside roller, 3-wire, instantly reversible, derived lubricated. Right-hand motor location standard. Left-hand available. Built-in radio receiver. Limit switches adjustable using wall switch or remote control. Thermal overload protector and electric brake. Operates on 110-120V AC 1 PH 60 Hz current. Draws 1.1 Amps.

**HARDWARE**

**ROLLER:** 3½” (89 mm) O.D. extruded aluminum x .1345” (3 mm) wall. Take-up spools for Draw Cable attached to each end.

**FABRIC ATTACHMENT:** Fabric retainers slide into 5/16” (8 mm) pockets at each end of fabric, then fit into roller extrusion from back. Fabric orientation shall always be from the top (back) of roller.

**ENDCAPS/BRACKETS:** 5 13/16” x 5 13/16” (148 mm) thick aluminum. Fabric/roller endcaps complete with motor adapter bracket. White powder coat finish. Draw Cable/Guide Cable brackets provided with pulley assemblies. Hem Bar provides an attachment point for the shade fabric, with built-in pulley assemblies for routing of Draw Cable.

**GUIDE CABLES:** 1/16” (5 mm) 7x19 strand, galvanized, non-coated steel cable with 1/16” (5 mm) copper Nicopress Stop. Copper Nicopress Stop.

**DRAW CABLE:** 1/16” (2 mm) O.D., 7x7 strand wire rope. Low-stretch, high-fatigue, nylon coated.

**FABRIC SUPPORT STAYS:** Horizontal spring steel stays, .005” (127 mm) thick x 1” (25 mm) wide. Are installed at regular intervals and covered. This system enables the shade to withstand reasonable air pressure differentials and gravity. This unit is not designed for fabric to lie perfectly flat. Some fabric sag is to be expected. Please note: Extreme air currents or physical interference may cause product failure.

**DOWNLOADABLE 3-PART SPECIFICATIONS:** Available at www.draperinc.com.
Controls & System Overview
Sonesse® 120VAC Motors

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.

Do not wire motors in parallel without written permission from Draper.

Dashed Wiring by Electrician

120V MOTOR

W B R G

Control Switch
Single Gang Box (by others)

110-120V Line

Controls & System Overview
Sonesse RTS® 120VAC Motors

RTS MOTOR 120V

B W G

110-120V Line

Dashed Wiring by Electrician

RTS

MOTOR

Decora RTS Wireless Keypad

Telis 1 RF Remote

STOP

PROJECT: ____________________________________________________

____________________________________________________________

ARCHITECT: ________________________________________________

CONTRACTOR: ______________________________________________

SUPPLIER: ________________________________________________

DATE: _____________________ REVISED: _____________________