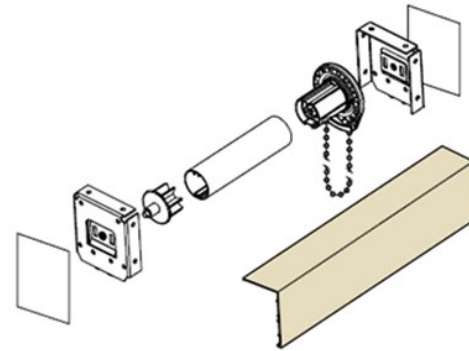


ISC6000 & ISC700 Interior screen



Revised : Dec 14, 2018

BENEFITS OF SOLAR SCREENS



Screen fully lowered down



Screen partially lowered down

- **Reduces indoor temperatures and saves energy cooling your space.**
- **Cuts down on solar glare while retaining your view depending on mesh fabric type and openness factor.**
- **Cuts down on interior fading of floors, carpets and furniture.**
- **Can offer complete black out privacy blocking all light.**

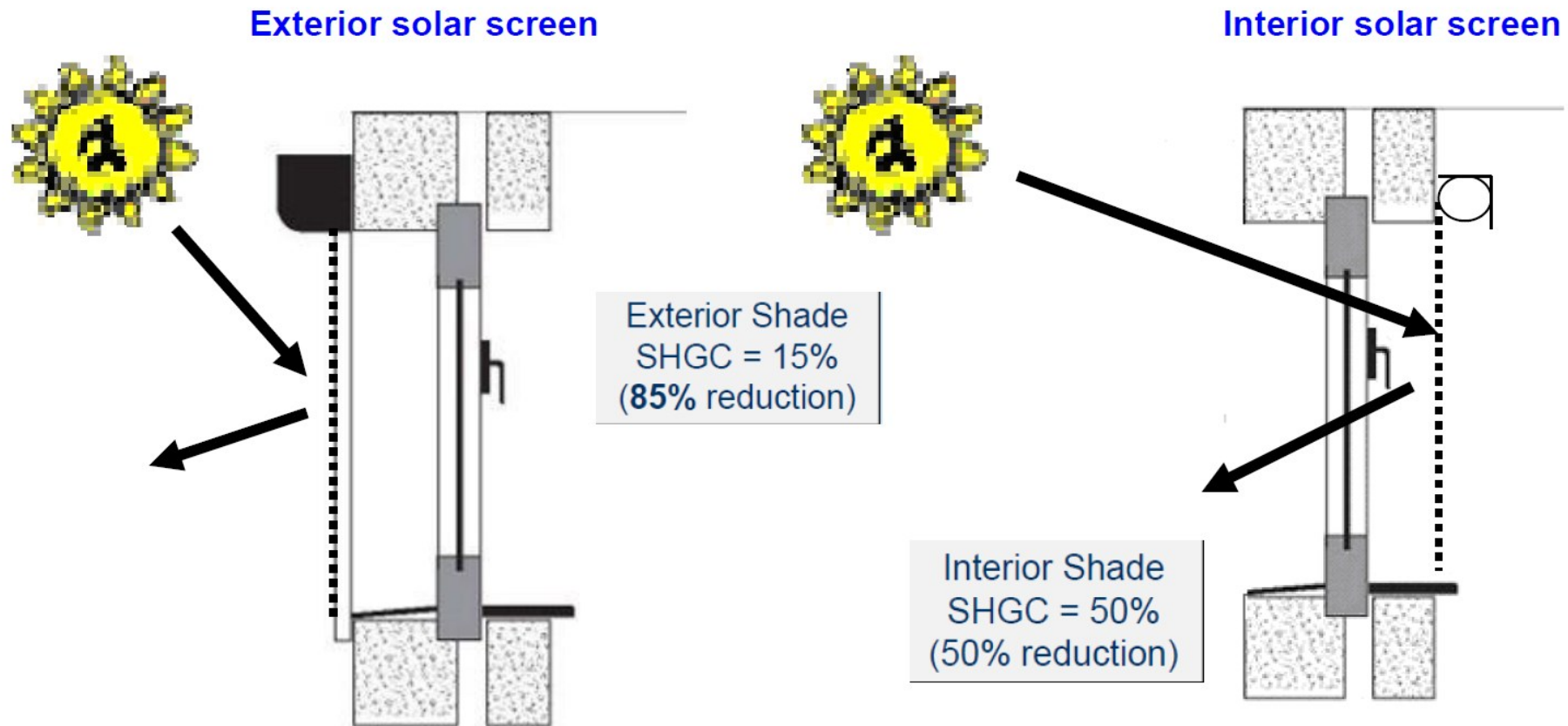


Screen partially down showing glare



Screen fully down and no glare

BENEFITS OF SOLAR SCREENS cont:



Solar screens can be installed both on the exterior and interior applications of residential and commercial spaces. The benefit with exterior solar screens is that the fabric blocks the sun before it enters the home or space through the glass. Sometimes it is not feasible to install an exterior screen. In such a case, interior screens offer a good alternative. Interior screens are also more economical.



ISC6000 Interior shades

The ISC6000 is a vertical rolling interior screen system. The 6000 shade is operated by a manual chain drive as standard with optional motorized operation. Motorized control is an option with either a battery operated radio controlled motor or 404 Sonesse RTS Altus motor. Available with an optional fascia covering of 3" & 4" depending on height of the screen.

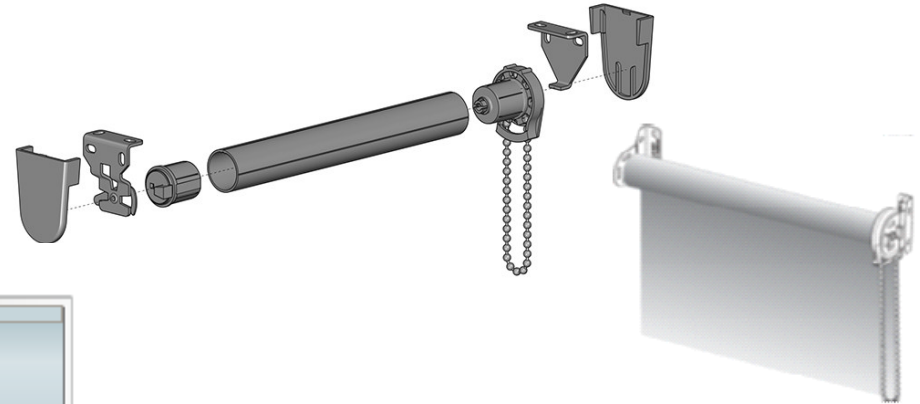
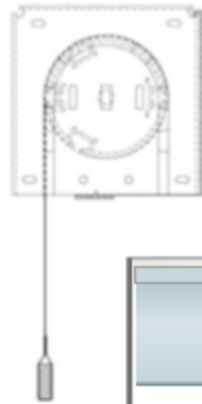
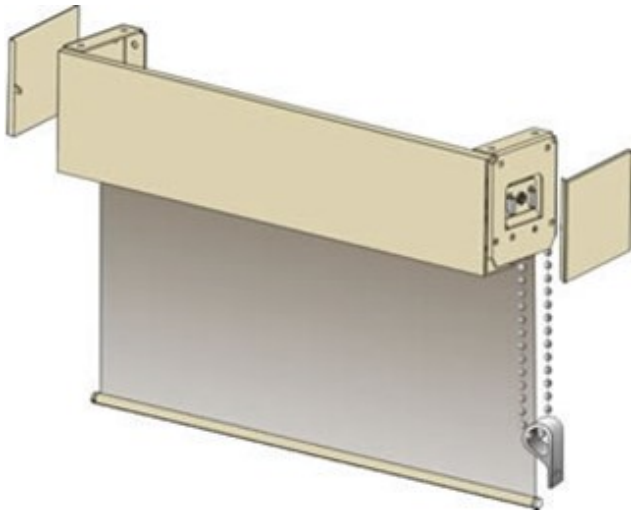
| Type | Standard Frame Colors | Standard Widths | Standard Heights | Recommended Applications | Recommended Fabrics |
|---------|---------------------------------------|-----------------------------|-------------------------------------|--|-------------------------------------|
| ISC6000 | White, Anodized Silver & Bronze | Up to 10' 20' with split | Up to 14' Dependent on fabric | Residential & Commercial Windows | Alkenz 3000 & Mermet E screen |

- The R screen is the original Rollease clutch system.
- Minimal light gaps.
- Ideal for both residential and commercial applications.
- Chain operated or optional motorized operation.
- Available with Sonesse 30 RTS Battery motor operation or 404 Altus hardwire Motors.
- Easy installation.



ISC6000 Interior screen

STANDARD CHAIN OPERATED SHADE



OPTIONAL SQUARE 3" & 4" FASCIA

OPTIONAL FASCIA:

Max screen height 3" Fascia is 8 ft.

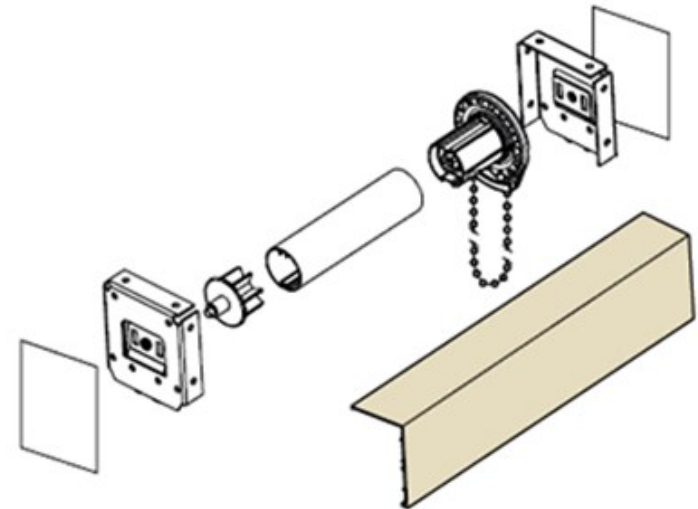
Max screen height 4" Fascia is 14 ft.

OPERATION:

Standard chain operated.

Optional Somfy Altus 404 motor &
Sonesse battery motor.

Roller/Solar Shades



AVAILABLE FASCIA & FRAME COLORS



WHITE



ANODISED



BRONZE

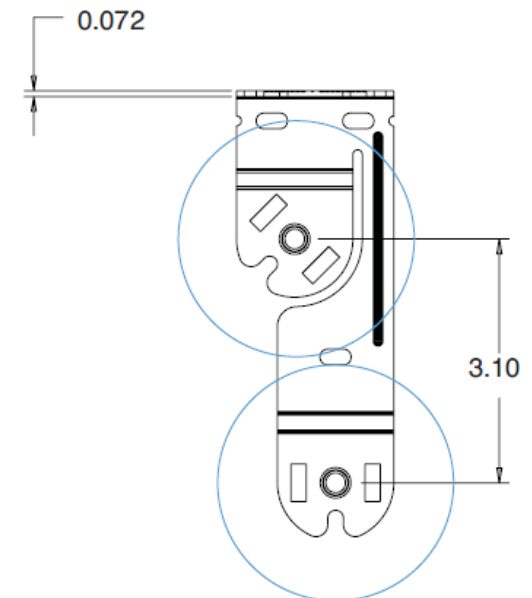
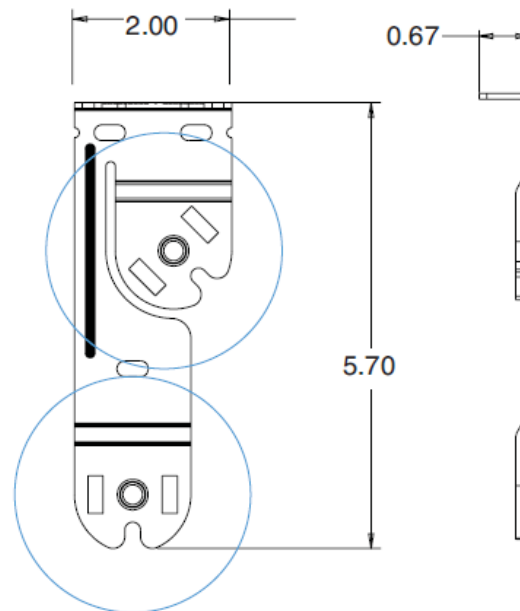
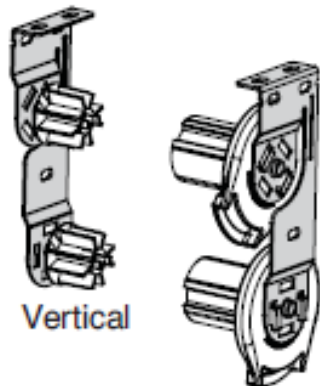
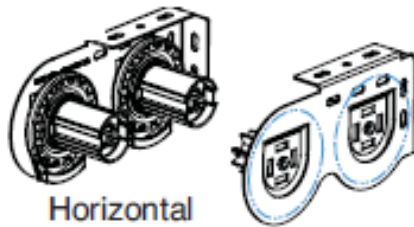
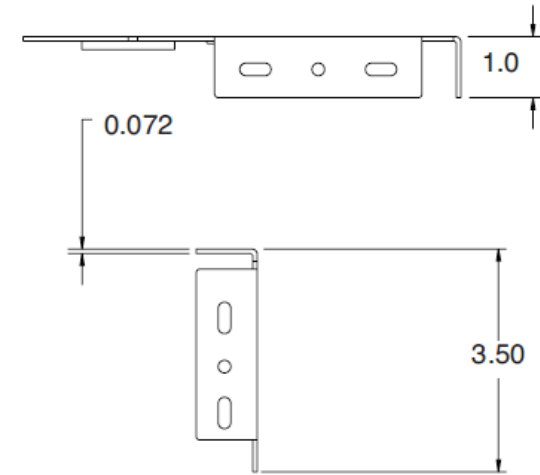
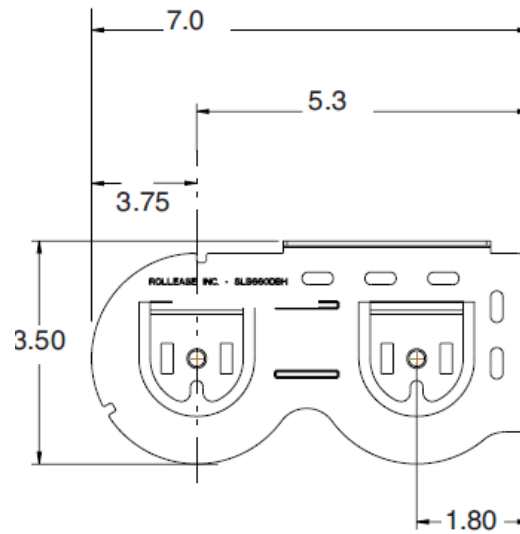
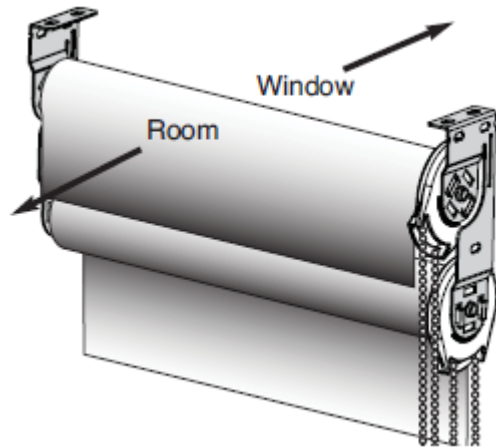
Standard hem bar
welded into fabric



SafetyHold3™
Bead Chain or Cord Loop Tension Device



ISC6500 optional DUO SHADE configuration:





ISC7000 Interior shades

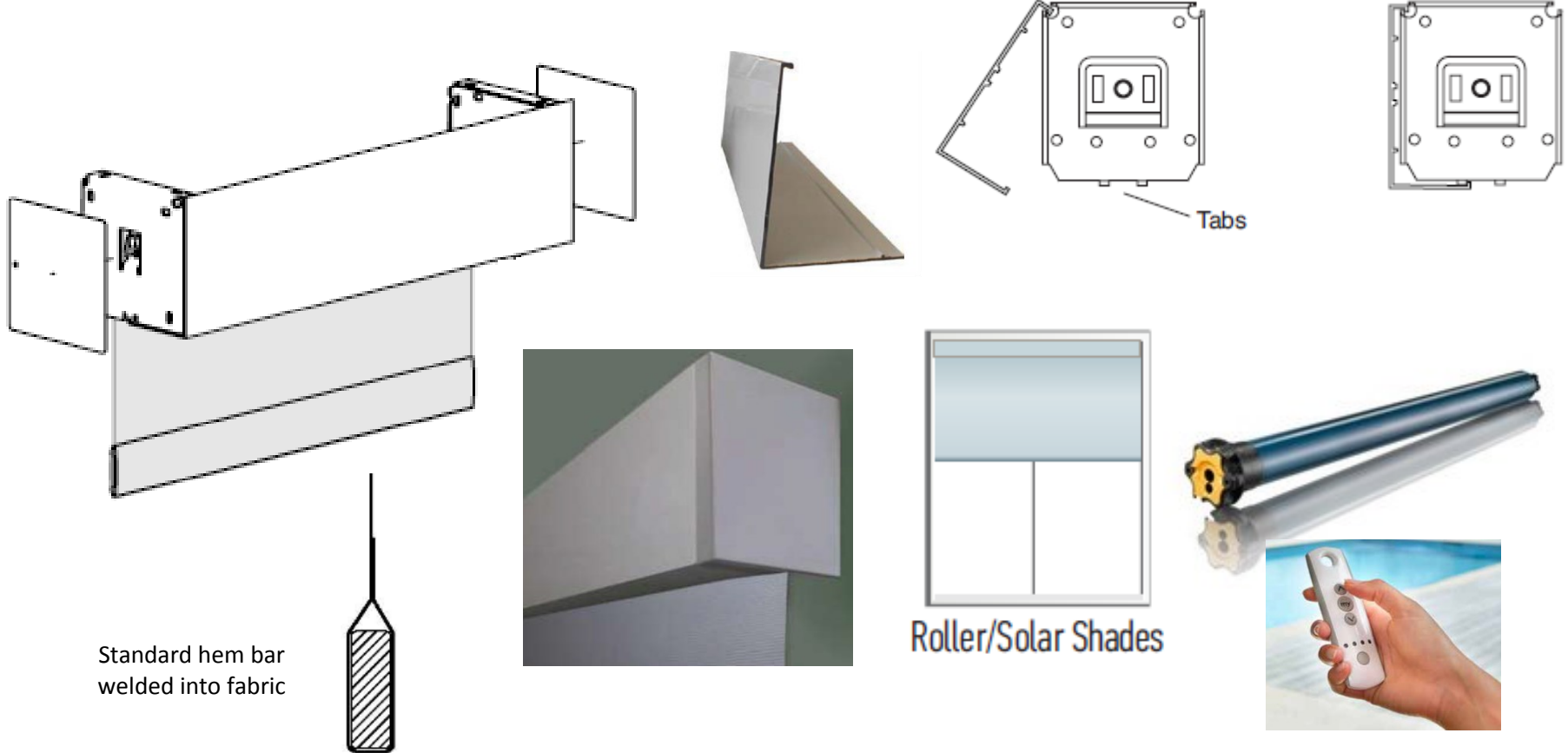
The ISC7000 is a vertical rolling interior screen system. The 7000 is standard with motorized operation. Available with an optional fascia covering of 4". Motorized units available with hard wired radio controlled 500 series RTS Altus motor.

| Type | Standard Frame Colors | Standard Widths | Standard Heights | Recommended Applications | Recommended Fabrics |
|---------|----------------------------------|-----------------------------|----------------------------------|----------------------------------|-------------------------------|
| ISC7000 | White, Anodized Silver, & Bronze | Up to 14' 24' with split | Up to 14' Dependent on fabric | Residential & Commercial Windows | Alkenz 3000 & Mermet E screen |

- The R screen is the original Rollease interior screen system.
- Minimal light gaps.
- Ideal for both residential and commercial applications.
- Available with motorized operation using Somfy 500 series LT50 RTS Altus hardwire Motors.
- Easy installation



ISC7000 Interior screen



AVAILABLE FASCIA & FRAME COLORS



WHITE



ANODISED



BRONZE

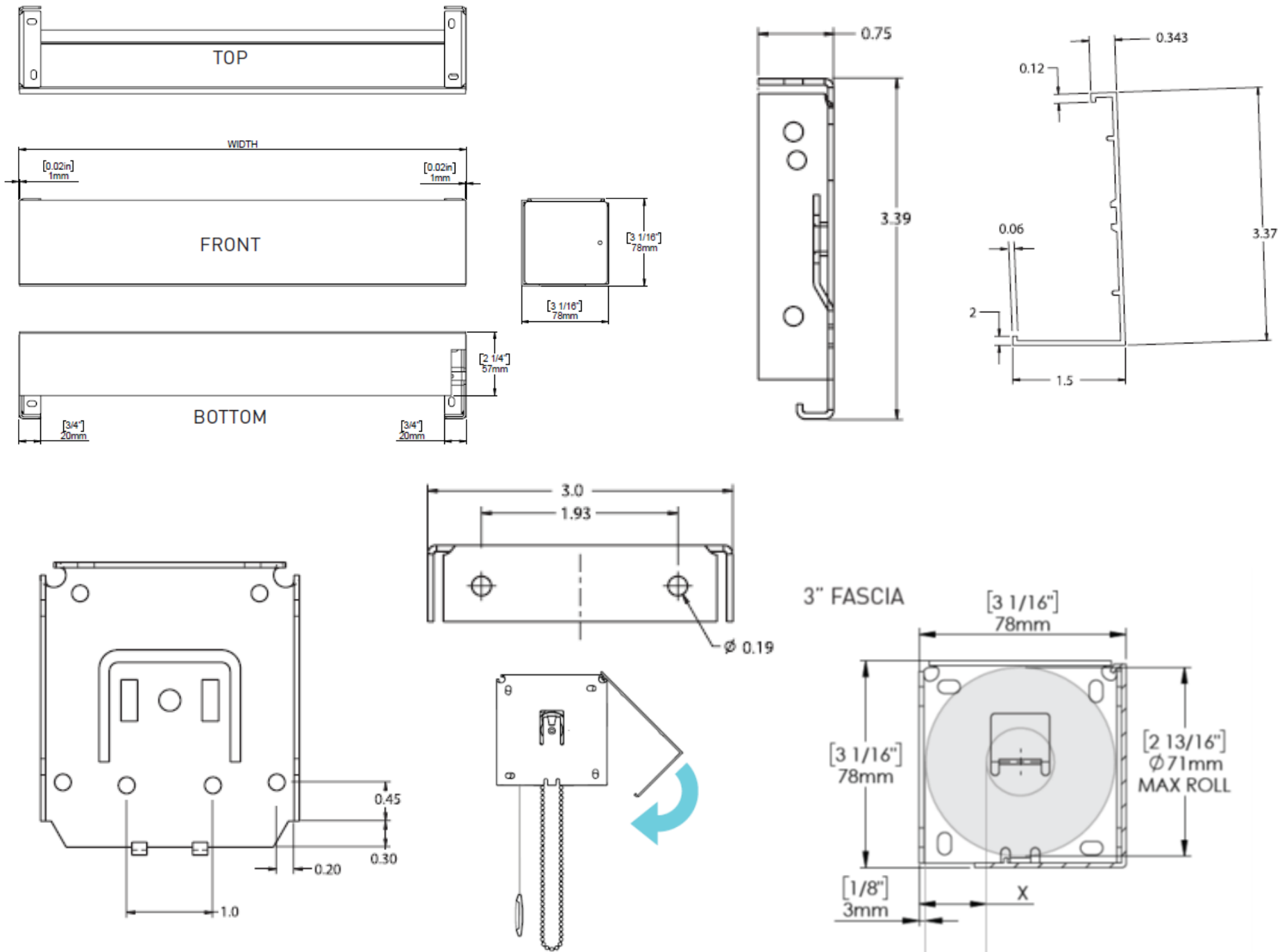
OPTIONAL FASCIA:

Max screen height 4" Fascia is 14 ft.

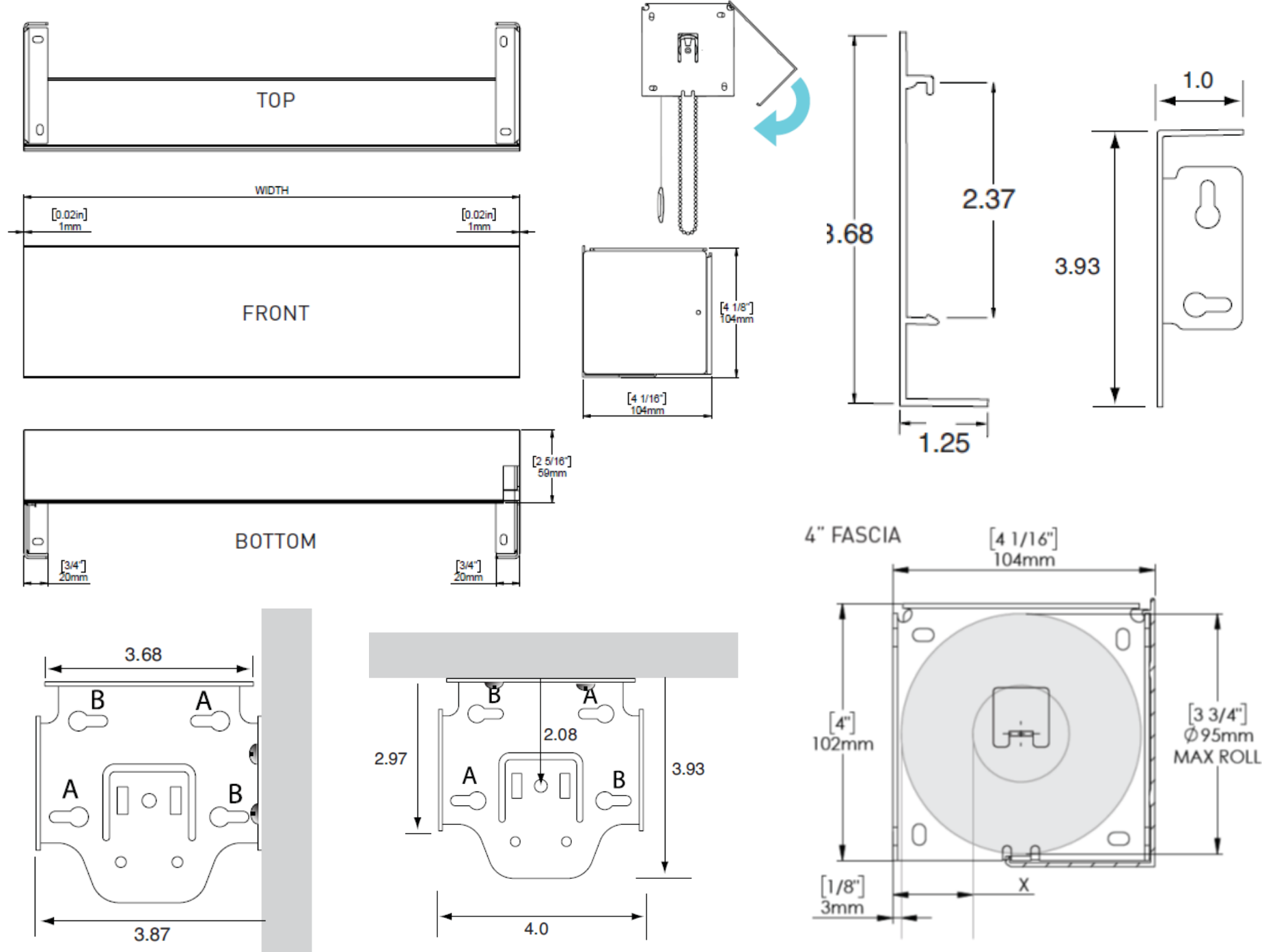
OPERATION:

Standard motorized with Somfy LT50 Hardwire RTS Altus motor (Remote additional).

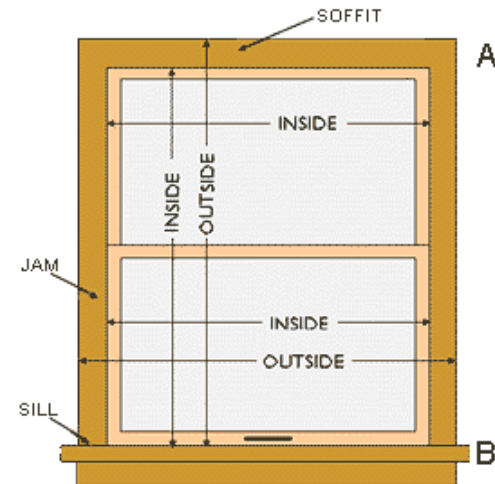
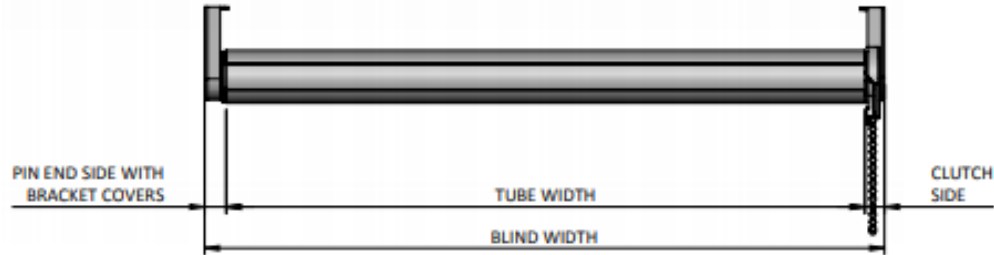
3" FASCIA



4" FASCIA

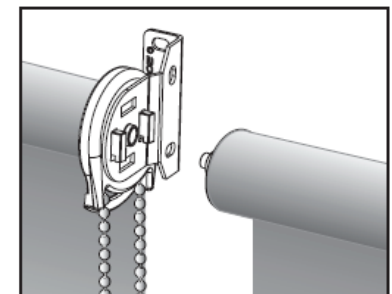
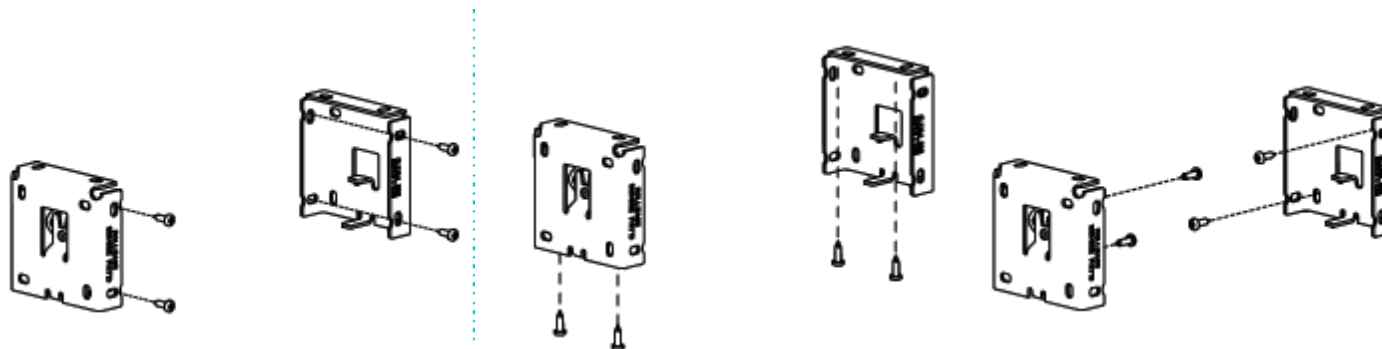


MEASURING ISC6000 & 7000:



Width: All widths must be submitted to the factory as finished sizes. No factory deductions will be made. Shades are manufactured with measurements “outside of bracket” to “outside of bracket”. If fascia is ordered, the fascia will be cut the width of the brackets as well. The plastic end caps that are added on each for a finished look will add about 1/8” on each side to the width. If you are mounting between columns that protrude, the end caps are not needed. So, make sure you deduct enough on the width of the screen to accommodate the extra 1/8” on each side for the beauty cap if needed and used. The bracket you will receive will depend on if the shade has fascia or not, and what size fascia if ordered.

Height: The height of the screen you order will be from the top of the roller assembly to the bottom of the internal hem weight bar when the shade is lowered.



Note: If sharing a bracket between two shades, bracket can only be shared by a clutch and a pin end, not a clutch-to-clutch or pin end to pin end.

3000 NET



Sunshadow

1%, 3%,

5%, 10%

See list on next page
for available colors

Interior Screen Fabric with "Surcharge"

3000 Net 1%

25% Polyester, 75% PVC

Average 1%

15.28 oz/yd² (518 g/m²) ±5%

0.026" (0.68mm) ±5%

68 ends x 50 picks/sq. inch

Warp 218 / Weft 151 daN/5cm

Warp 5.7 / Weft 7.2 daN

Grade 8

98.4" (2.5m)

33 yd/roll (30m)

3000 Net 3%

25% Polyester, 75% PVC

Average 3%

13.12 oz/yd² (445 g/m²) ±5%

0.022" (0.57mm) ±5%

54 ends x 46 picks/sq. inch

Warp 197 / Weft 167 daN/5cm

Warp 7.4 / Weft 7.0 daN

Grade 8

98.4" (2.5m)

33 yd/roll (30m)

3000 Net 5%

25% Polyester, 75% PVC

Average 5%

12.39 oz/yd² (420 g/sqm) ±5%

0.022" (0.55mm) ±5%

47 ends x 47 picks/sq. inch

Warp 170 / Weft 170 daN/5cm

Warp 6.6 / Weft 7.0 daN

Grade 8

98.4" (2.5m)

33 yd/roll (30m)

3000 Net 10%

25% Polyester, 75% PVC

Average 10%

11.36 oz/yd² (385 g/m²) ±5%

0.020" (0.52mm) ±5%

48 ends x 38 picks/sq. inch

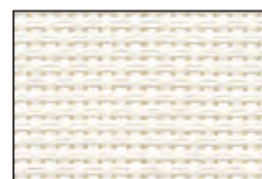
Warp 167 / Weft 154 daN/5cm

Warp 6.8 / Weft 6.2 daN

Grade 8

98.4" (2.5m)

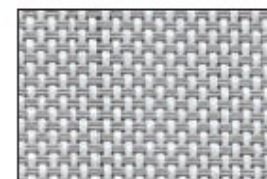
33 yd/roll (30m)



N001, White/White



N002, White/Beige



N003, White/Gray



N091, Cream/Cream



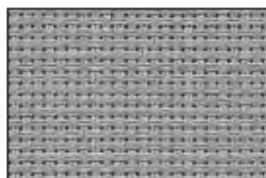
N201, Beige/Beige



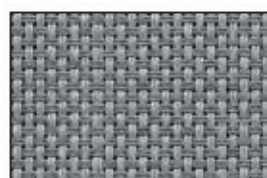
N202, Beige/Sable



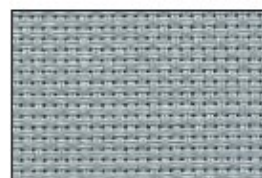
N203, Beige/Gray



N301, Gray/Gray



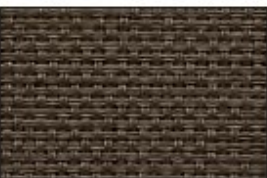
N302, Dark Gray/Gray



N303, Gray/Blue Gray



N304, Gray/Blue



N801, Bronze/Bronze



N901, Charcoal/Charcoal



N902, Charcoal/Bronze



N903, Charcoal/Gray



M1 B2
B1 NFPA 701



Energy Saver



Available NET 3000 Colors

Interior Screen Fabric

- X = available in that color, openness, and fabric width.
- Clear White “fields” indicates that color is not available in the designated width and opens factor.
- Yellow cells will be discontinued in 2019 as per below.
- Sunair does not stock these fabrics and there is a surcharge for every order of \$150 for the 1st screen ordered.

SunShadow - 2019 Offering

Dec-18

Yellow cells will be discontinued and while supplies last for 2019

3000 NET

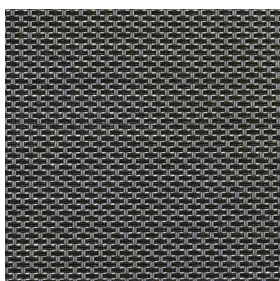
[illegible]



E Screen

Interior Screen Fabric

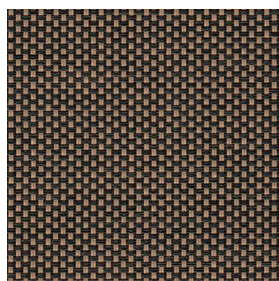
Conventional | 1% 3% 5% 10% openness



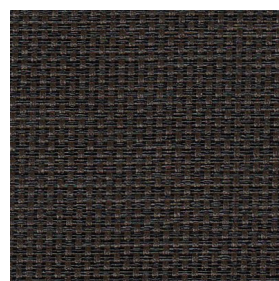
Charcoal / Grey



Charcoal / Charcoal



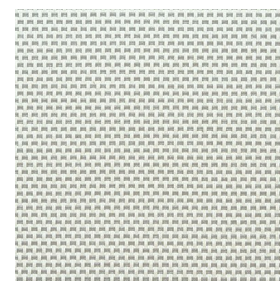
Charcoal / Apricot



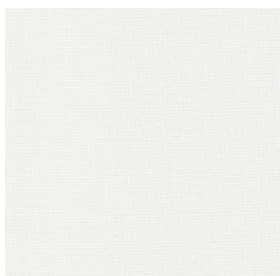
Charcoal / Cocoa



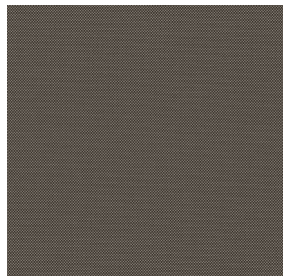
White / Linen



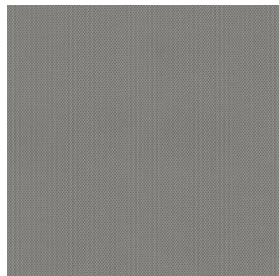
White / Pearl



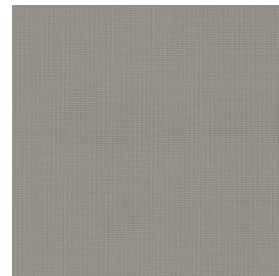
White / White



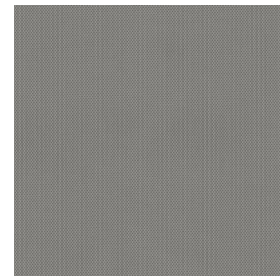
Charcoal Grey
/ Stone



Pearl / Linen



Pearl / Pearl

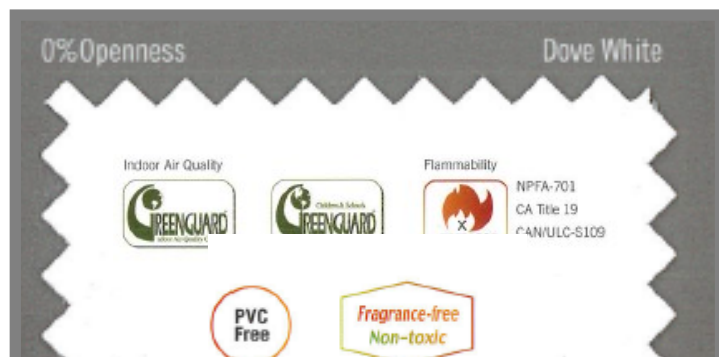


Pearl / Grey

Product Specifications Sheet



SierraSol Blackout Fabric



Mesa

Interior B/O Fabric

FENESTRATION PROPERTIES

SHADING COEFFICIENT

| Mesa | Ts | Rs | As | Tv | 1/8" C/L | 1/4" C/L | 1/4" H.A. |
|------------|----|----|----|----|----------|----------|-----------|
| Dove White | 0 | 76 | 24 | 0 | 0.22 | 0.23 | 0.26 |

*Similar fenestration data achieved for all other colors

SPECIFICATIONS

| | |
|-----------------|--|
| Series | SierraSol Mesa |
| Composition | 100% Polyester with Acrylic Foam Backing (PVC-Free) |
| Openness Factor | Opaque |
| Weight | 9.4 oz/yd ² (320 g/m ²) +/-5% |
| Thickness | 0.022 in (.55mm) +/-5% |
| Colorfastness | Grade 6-7 |
| Standard width | 98.4" (2.5m) and 118" (3m) |
| Standard length | 27yd/roll (25m) |



MOTORIZATION & AUTOMATION



Awnings



Exterior Screens



Pergolas



Roller/Solar Shades

Sunair is proud to offer the full line of Somfy motors and controls for our awnings and screens program. SOMFY RTS features interior screen motors that are hardwire 110 volts, and battery operated motors with integrated radio receivers that allows you to operate the screen by remote control. You can operate your screens with a wall mounted or hand held remote or by smart phone device. With a simple click of a button on your remote, the shade will lower or retract automatically.



ALTUS®



AVAILABLE BATTERY OPERATED REMOTES



Telis 1 & 4 RTS
Hand-held Remotes

Telis 16 RTS
Hand-held Remote

One (1) through (16) channel hand held or wall mounted remotes are available. Remotes are available in different colors to suit your style, please inquire.

Telis hand-held remotes offer convenient and simple operation of every type of motorized application. Channels help organize the motorized products that are operated. Single channel remotes can operate one individual product or one group of motorized products. Multiple channel remotes can handle groups of motorized products.



Telis 1 Chronis
RTS Timer



DecoFlex WireFree™ RTS
Wall Switches



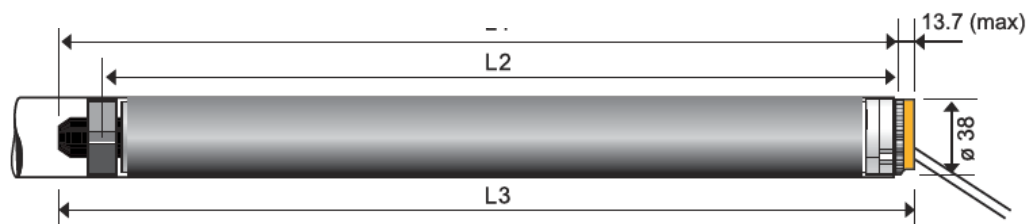
Telis 1 Patio for
exterior use



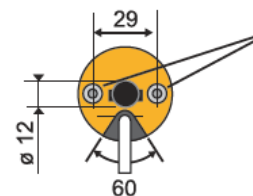
Smoove® 1 RTS
Surface Mount Wall Switch

Altus® 40 RTS

SOMFY HARDWIRE MOTOR



NOTE: Illustration dimensions in millimeters (mm).



2 holes for self tapping mounting screws (diameter: 4mm, depth: 9.4 mm).

Self tapping mounting screws are included with each motor.



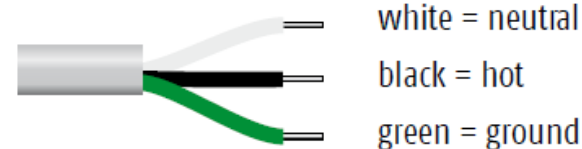
| | |
|--|------------------|
| Voltage Supply | 120V AC |
| Index Protection Rating (exterior rated) | IP 44 |
| Limit Switch Type | Electronic (RTS) |

| | |
|----------------------------------|--|
| Limit Switch Capacity | 250 Turns (limited to 3 minutes of rotation without stop) |
| Temperature Working Range | 14°F to 104°F (-10°C to 40°C) |
| Insulation Class | Class 1 for 120V AC |

| | 404S2 |
|------------------------|--------------|
| Torque | 4 Nm |
| Nominal Voltage | 120V / 60HZ |
| Rated Current | .95 A |
| Speed | 36 rpm |

Type of power cable

RTS
120V AC / 60Hz
3 conductor cable



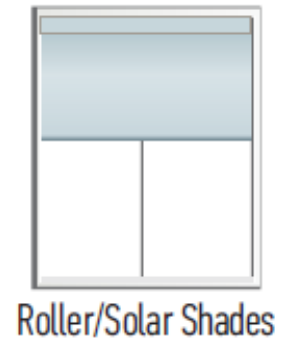
Radio Technology Somfy

Radio Technology Somfy® (RTS) allows wireless radio control of motorized applications via the RTS family of controls.



SONESSE® 30 WIREFREE (LI-ION) RTS

**SOMFY / Battery operated rechargeable motor
for interior roller shades.**



Interior Roller Shade Size:

Max 10 ft. wide x 8 ft High

silence and simplicity

- Designed to perform quietly to enhance end-user experience.
- Built-in rechargeable lithium-ion battery minimizes maintenance and need to install and replace batteries.
- Great for interior roller shade applications ranging from small to larger window treatments.
- Ideal for areas where wiring is a challenge.
- Flexible speed and tilt power adjustments for optimal customization.
- Compatible with all Somfy remotes, My link, and Alexa Integration.

Specifications

| | |
|-------------------------|----------------------|
| Voltage | 12V DC |
| Torque | 2 Nm |
| Sound Level | 44 dBA |
| Speed | 10-28 rpm adjustable |
| Low Battery Indicator | LED |
| Radio Frequency for RTS | 433.42 MHZ |



Somfy
DESIGNED FOR
SILENCE



AVAILABLE SENSORS & CONTROLS



Sunis & ThermoSunis
Indoor WireFree™ RTS Sensors

The latest addition to the Radio Technology Somfy® accessory range uses the intensity of the sun to provide automatic control of window coverings in the home. With the Sunis Indoor WireFree™ RTS sun sensor, users experience:

- **Thermal Comfort:** optimizes room temperature levels
- **Protection of Interior Décor:** preserves the life of valuable furnishings by reducing damage caused by UV rays
- **Energy Savings:** protects against heat gain and heat loss
- **Increased Security:** creates a “lived-in look”

The Somfy myLink™ is a simple device that turns your smartphone or tablet into a sophisticated remote control for motorized products featuring Radio Technology Somfy®, allowing you to operate them whether you're home or not. Combine all the benefits of Somfy's RTS hand-held remotes and timers in a convenient app.



Flexible Installation

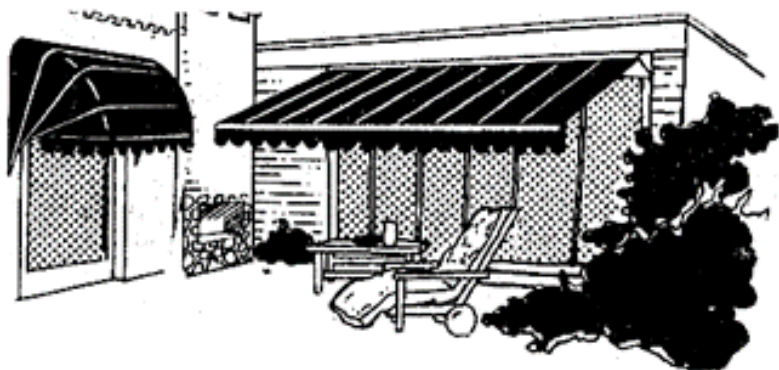


Mounts directly
to window sill

Mounts directly
to window glass

Notes

**Note: Sunair® reserves the right to change engineering, specifications, and prices without notice.
Images and Illustrations in the catalog may vary from digital and printed manuals.**



SUNPROOFING AMERICA!



MARYLAND LOCATION

Mailing: P.O. Box 1068
Shipping: 7785 Rt. 175
Jessup, MD 20794

Toll Free 800 - 548 - 0408
Phone: 410 - 799 - 1145
Fax: 410 - 799 - 5584

ARIZONA LOCATION

Mailing: Same as Jessup
Shipping: 3807 West Thomas Rd.
Phoenix, AZ 85017

Toll Free 877 - 272 - 3920
Phone: 602 - 272 - 3920
Fax: 602 - 272 - 3925

www.sunairawnings.com

info@sunairawnings.com