Nano™ Shades

Innovative designs with the smallest cassette in the industry.

SI

TABLE OF CONTENTS

NANO BOX

The smallest cassette in the industry

NANO BOX

3 Different Cassette Sizes – 275 (Nano 2), 375 (Nano 2) and 475
Max fabric (typical) 275 – 96" x 96" | 375 – 120" x 168" | 475 – 180" x 192"

Features and Benefits

Note: Fabric selection may limit the maximum drop of the shade due to fabric thickness and cassette size limitations; use Flow software to determine shade size and fabric selection compatibility.

- 12 Designer Standard Housing Colors – Custom RAL also offered with up to 200 color choices.

- Novel design (Nano 2 – 275, 375) is wholly serviceable in the field with no disassembly of the shades and no hassle. Tube and fabric removal has never been easier; motor replacement and track guiding are easy to access and service.

- Modular system yields painless transportation and assembly of the shades.

- Ultra-quiet operation featuring SI noise-dampening components with soft starts and stops.

- Provides maximum coverage in the window with some of the smallest light gaps in the industry, as little as 3/4" on the Box 275 Wire-Free; light gaps vary by model chosen; light gaps are symmetrical on both sides of the shade.

- Wide range of bracket options to meet every type of installation.

- Extensive textile/fabric options with UV blocking Sunscreen, Light Filtering, Privacy and Blackout available. Most commercial grade fabrics carry NFPA 701-10 California Title 19, ASTM E2180, ASTM G21 Bacterial & Fungal Resistance, and some carry various Acoustical Ratings for sound absorption. Custom fabric options available.

Power and Control

- **Zigbee 3.0** Wire-Free motor option, the most robust wireless two-way communication available on the market, with Lithium-ion Rechargeable battery, and featuring Screen Innovations® magnetized recharging port for easy access.

- **RTS** Wire-Free motor option with lithium ion rechargeable battery, featuring Screen Innovations® magnetized recharging port for easy access.

- **24v low voltage** motors available in either 485 control for wired integration into building control systems, or wireless RTS control via many wireless control accessory options.

- **110v line voltage** motors in either 485 control for wired integration into building control systems, or wireless RTS control via many wireless control accessory options.

- **Manually Operated** option available. Chain-free operation for child safety.

2.79"
2.92"
275
Max width 8'

3.68"
3.5"
375
Max width 10'

4.75"
4.625"
475
Max width 15'

NANO ROLL

Compact with a contemporary flare

NANO ROLL

Available in 3 Sizes – 275, 375, & 475
Max fabric (typical) 275 – 96" x 96" | 375 – 120" x 168" | 475 – 180" x 192"

Features and Benefits

Note: Fabric selection (maximum drop) may change the cassette size, motor, and power control type of the shade because of fabric thickness; use Flow software to determine shade size and fabric selection compatibility.

· 12 Designer Standard Housing Colors – Custom RAL also offered with up to 200 color choices

· Ultra-quiet operation featuring SI noise-dampening components with soft starts and stops

· Provides maximum coverage in the window with some of the smallest light gaps in the industry; light gaps vary by model chosen; light gaps are symmetrical on both sides of the shade

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275 — Max width 8' — 2.5" — 2.87"
375 — Max width 10' — 3.39" — 3.89"
475 — Max width 15' — 4.79" — 5.49"
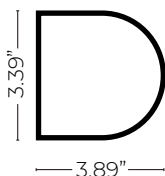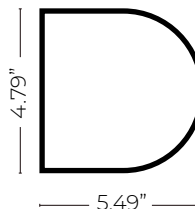
Light bleed comparison between Nano Roll and Nano Box

Light bleeding into the room from above the fascia is a common problem; to address this, we've added a wool light stop that's inserted into a groove designed into the top of our cassettes. When the cassette is mounted, the wool material presses into the window frame, blocking much of the light. This feature corrects a problem inherent with other roller shade brands that use fascias to cover the fabric roll.
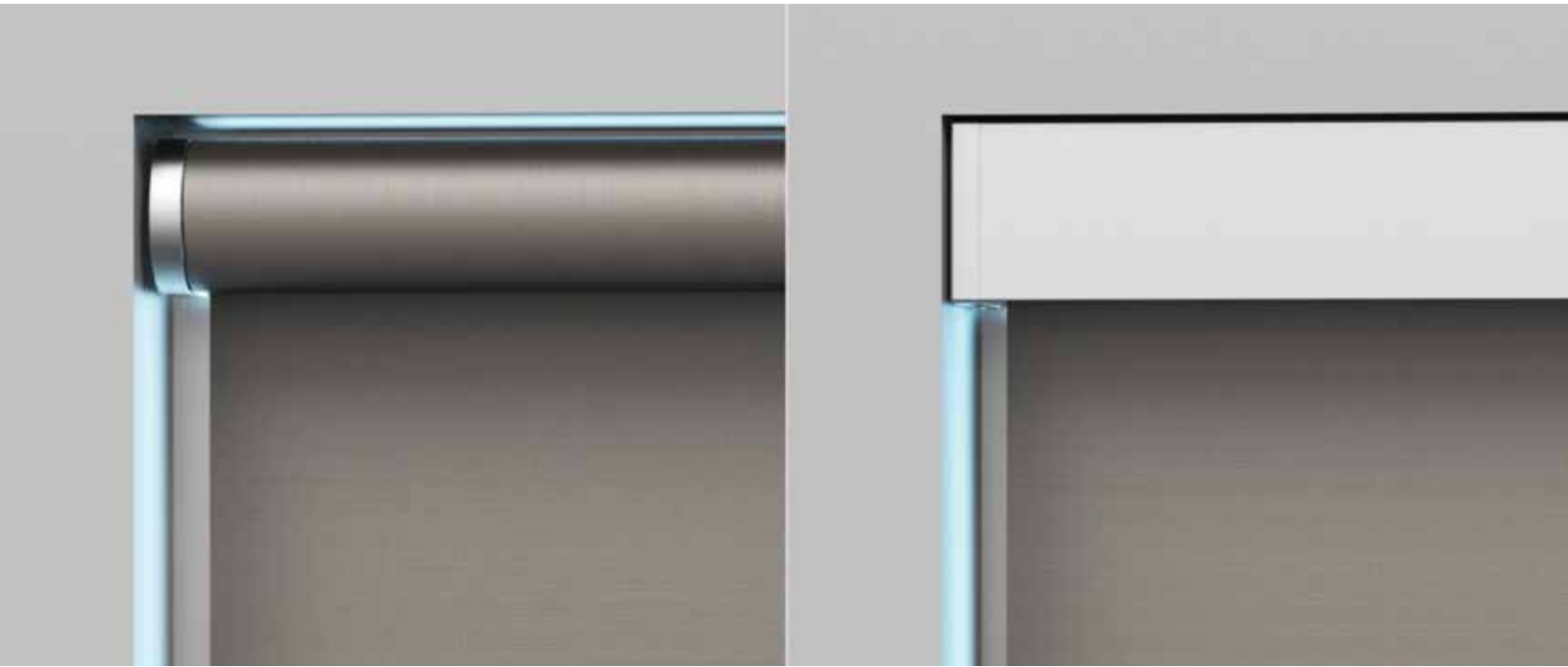
Managing natural light through shade automation, integration, and fabric selection

Natural Light Harvesting is an efficient way to utilize Green Building design by collecting and utilizing natural light wherever available, reducing the need for energy consuming artificial light. Along with a wide range of fabric selections, we offer the latest technology in shade motors and integration for optimal Light Harvesting efficiency.

With the increased use of multi-pane, high efficiency glass technology, the focus has shifted to the use of automated shades with carefully selected fabrics to manage the suns glare for occupant comfort while achieving maximum use of free, efficient light from the sun in an effort to achieve a minimal carbon footprint by reducing or eliminating the use of artificial lighting.

Natural Light Harvesting Systems, and daytime lighting strategies used in conjunction with automated shades help create sustainable buildings, improving Green Building ratings, including LEED v4, WELL, and the Living Building Challenge.

SI Ecosystem (Wired/ Wireless Zigbee 3.0)

A single platform for shades and screens that includes PoE and 485 wired, 2 way wireless mesh, and RF wireless control.

Select the right bundle that meets your project needs.

	TW3 Wired	TWW3 Wired + Wireless	TWWA3 Wired + Wireless + App
? Gateway - TRO.Y	✓	✓	✓
3rd Party Control	✓	✓	✓
Wired - 485	✓	✓	✓
Wired - PoE	✓	✓	✓
way mesh - Helen		✓	✓
ub GHz - Pegasus		✓	✓
SI App - BBP			✓

485 · **zigbee 3.0** · **RTS**

LUTRON · CRESTRON · SAVANT · ELAN · URC · Control4

TRO.Y 2

The updated TRO.Y 2 is an expandable IP based PoE automation and control gateway. Supports 485 shades and screens with its built in 4 data ports, and Zigbee and SubGHz (RTS) when paired with wireless gateways and bridges such as Helen and many others. Control over IP and 232 from all popular systems such as Control4, Crestron, Lutron, and many others. This is a full-featured gateway that provides remote access for easy servicing and a built-in web server for commissioning, motor limits. Create scenes and events with the new built-in real time clock.

Can be powered from PoE switch or the included PoE injector

Janus - Power Distribution **485**

Ultra-high density 485 power and control hub. JANUS is a dual-sided product with both UTP (category) and terminal connection and is capable of supplying power and control over many types of wire.

One product two faces: JANUS is a dual-sided product with both UTP (Cat5e – Cat6) and Terminal block connections, capable of supplying power and control over many types of wire. Scan the QR code to learn more about Janus

Operation Types – Manual and Motorized

Manual Shades are clean in design, simple to operate, and easy on the budget. Our design eliminates unsightly chains and cords, and the need to screw a bracket to the window frame. Upper limits are preset for each window, so the shade returns to the same position every time. To operate, pull the shade down to the desired lower setting and release. To raise, gently tug on the hem bar and the shade automatically returns to the preset upper position.

Motorized Shades are powered by Somfy, the largest and most innovative supplier of roller shade motors in the world.

Flexible control and communication options from simple one-way local control via RTS, to integration with whole home automation system via wireless two-way Zigbee 3.0 or wired 485 protocol.

A completely wire-free solution, offering a rechargeable lithium ion battery-powered motor with either Zigbee 3.0 or RTS wireless control.

Low-voltage and line voltage motors can be controlled by either RTS or 485.

Power & Control

Rechargeable Lithium
RTS | Zigbee 3.0
Available in: 275 | 375

Rechargeable battery-powered shades, combined with Zigbee 3.0, equals an entirely wire-free solution with two-way communication. RTS (one-way) also available. The battery lasts up to 500 cycles on a single charge. Our magnetic connector offers effortless connection and recharging. Stop using expensive, toxic, throw-away batteries, while helping to better protect our landfills and ground-water.

24v

24v DC
RTS | 485 | Zigbee (275/375 only)
Available in: 275 | 375 | 475

Low voltage power offers a great solution where wire already exists or running wire is possible, in many cases without the need for an electrician (see your local code). Powerful 24v motors handle shades up to 12' wide, are very quiet, feature soft start/stop, and either 485 or RTS control.

110v AC
RTS | 485
Available in: 375 | 475

Powerful and quiet, our 115v motors handle shades up to 15' in width. Options for control include RTS and 485.

Mounting Options

Depending on window dimensions, shades can be mounted inside the window frame, outside the window frame, or in a pocket.

Inside Mount

The most effective and common method of mounting roller shades is within the window opening. This places the fabric as close to the glass as possible, and minimizes light gaps. Flow will automatically deduct ⅛" in width on an inside mount order.

Above Frame   On Frame
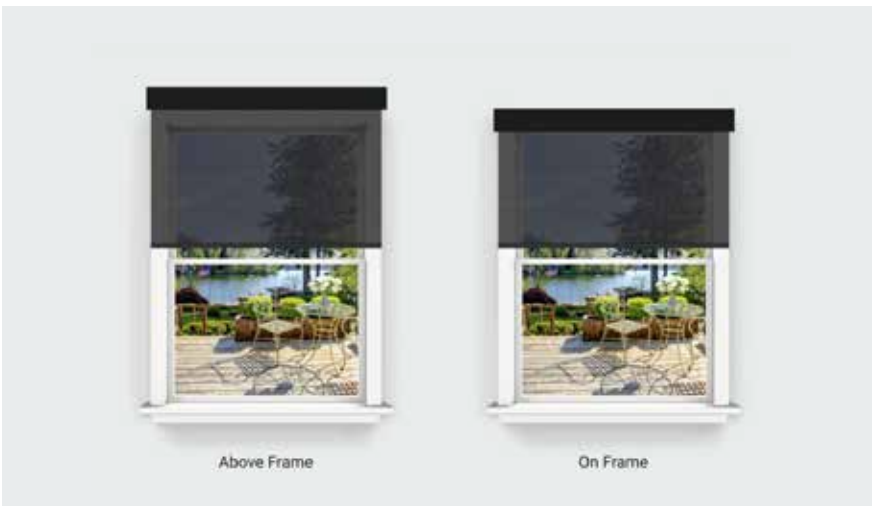
Outside Mount

Select "Outside Mount" when spanning multiple windows, where job conditions require, such as radius or other decorative trim within the opening, or where it will provide a more pleasing overall aesthetic. Zero deductions are taken on outside mount. Light gaps could be pronounced.

Pocket Mount

Pocket mounted shades are installeded in a prebuilt pocket. Where the finished aesthetic desired is custom trim work, sheetrock, or other finish is greater, rather than a cassette or open roll, among other considerations, Pocket Mount shades provide an easy solution. There are options for Single, Duo, Coupled, and Duo Coupled to suit all sizes of shade available.

Optional Flap and Hanger available (see page 25).

Shade Fabrics

Sunscreen

Transparent screen fabrics filter incoming light, reducing heat gain, glare and harmful UV rays. Endless combinations of color and openness factors are available to fine tune your needs at each window. They do not offer privacy, however, so please take that into account when selecting shade material.

Light Filtering

Translucent fabrics reduce heat and UV rays, but allow natural diffused light in, providing a soft glow when they are closed. Light Filtering fabrics offer many more decorative choices than woven screens, while also giving many of the same benefits. They differ from Screens in that they don't offer a view - through, but do provide limited privacy. Candle the fabrics at your windows both during the day and especially after dark to confirm privacy is adequate.

Blackout

Blackout fabrics stop light from penetrating through the material, creating privacy when needed. They offer a neutral white to the outside, regardless of the interior color selected. Many color choices and textures are available, making interior coordination easy. Some perimeter light bleed should be expected during the day. Paired with Side and Sill Channels for best blackout experience.

Fire Retardent

Fire retardant (FR) fabric options are tested and approved for indoor use where municipal and federal code requires. In case of a building fire, flame retardant shade materials resist burning, allowing occupants more time to escape, and first responders additional time to clear the space and put out the fire. Fire retardant fabric testing is defined by and complies with NFPA 701.

Bacterial and Fungal Resistance

SI offers anti-bacterial and anti-fungal fabric options that offer protection against bacteria, mold, mildew, and other hazardous microbes, and are tested in accordance with AST standards and guidelines. Antimicrobial fabrics are may be treated topically to inhibit the growth of pathogens, or by using yarns and materials which have inherent antimicrobial properties.

Indoor Air Quality

Understanding, and eliminating or controlling common pollutants will help mitigate the risk to occupants from indoor air quality concerns. SI offers many shade fabrics with the GREENGUARD Certification and/or RoHS Compliance certifications for low or no-pollutant emmitance use in occupied spaces.

Acoustical Performance

Where Sound Absorption is a critical performance characteristic for the environment, SI offers a wide range of fabrics with various acoustical performance ratings, and which have been tested in accordance with ASTM C423-09a: NRC is Noise Reduction Coefficient, SAA is Sound Absorption Average.

Environmentally Responsible

In addition to IAC testing and certifications, many fabrics carry Cradle to Cradle certifications. CtoC rated fabrics are assessed using the five critical performance categories of Material Health, Material Reutilization, Renewable Energy & Carbon Management, Water Stewardship, and Social Fairness.

Color Options
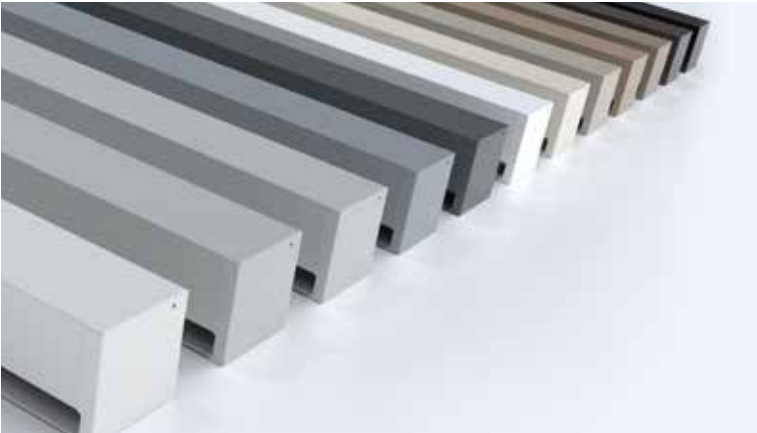
Throughout the entire Nano line, we view color to be of utmost importance and have carefully selected colors that blend seamlessly with current trends in wall and trim color. Powder coating is performed in our factory, giving us total control of finish.

We offer 12 hand-picked designer color options standard, and have an additional 200 custom colors available for an additional charge to blend more seemlessly into your environment.

Side and Sill Channels

Side Channels

Standard profile

Low profile
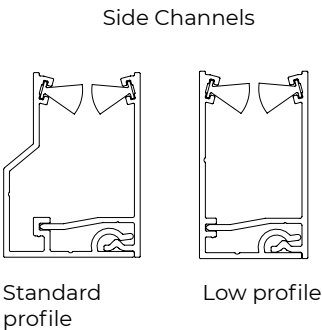
With Side and Sill Channels, it can be nighttime whenever you want.

Complete blackout experience for studios, presentations.

Powder coated to match, with angled wool pile to reduce or eliminate light bleed.

Drop Orientation

Available in:
Standard Orientation – Box and Roll – 275, 375, 475
Reverse Orientation – Box – 275, 375 and Roll – 275, 375, 475

Standard roll is typical for most applications, keeping the fabric as close to the glass as possible, and keeping light bleed and light gaps to a minimum. In case of an obstruction in the path of the fabric as it unrolls, such as the sash on a double-hung window, a grab bar on a slider, window hardware, security system devices, chair rails, etc., use the Reverse Roll option.
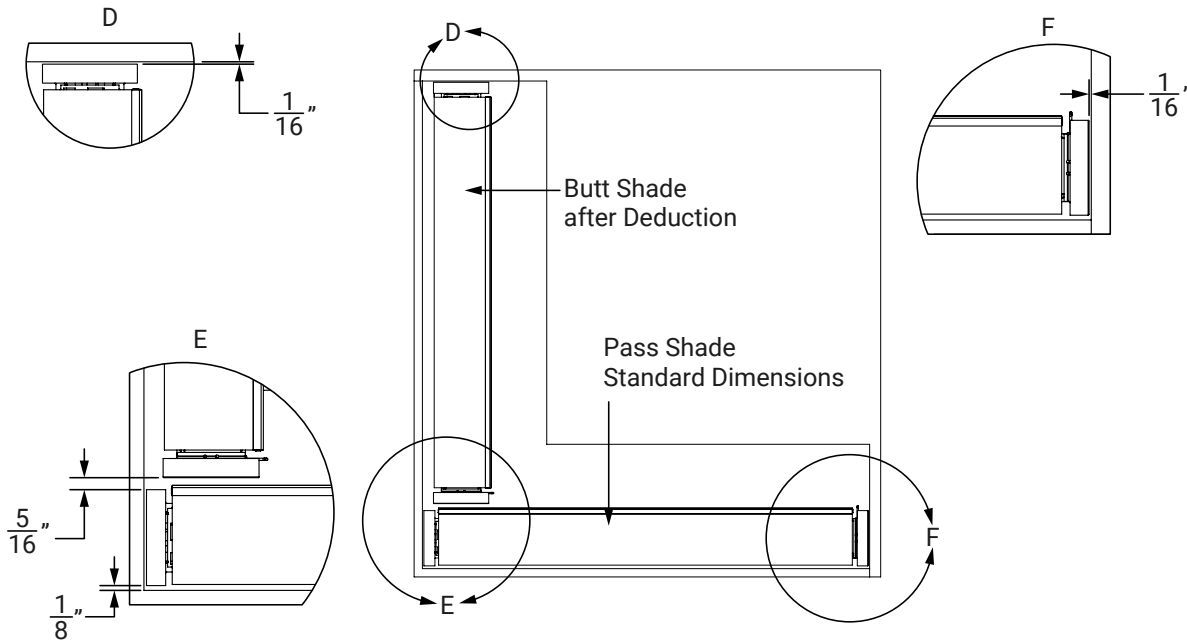
	Standard	Reverse
275	Standard Bracket — 0.25" (7mm) / 0.38" (10mm)	Standard Bracket / 2.81" (71mm)
375	Standard Bracket — 0.31" (8mm) / 0.5" (13mm)	Standard Bracket / 3.38" (86mm)
475	Standard Bracket — 0.25" (7mm) / 0.5" (13mm)	NA
Duo	Nano Duo Bracket — 0.22" (6mm) / 0.42" (11mm)	NA

Nano Box

	Standard	Reverse
275	End Cap / 0.38" (10mm)	2.43" (62mm)
375	End Cap / 0.38" (10mm)	3.38" (86mm)
475	End Cap / 0.38" (10mm)	NA

Nano Roll

Butt and Pass

D

$\frac{1}{16}$"

Butt Shade
after Deduction

Pass Shade
Standard Dimensions

F

$\frac{1}{16}$"

E

$\frac{5}{16}$"

$\frac{1}{8}$"

F

E

Butt and Pass Shade

Butt and Pass is a method of installing two shades, a great solution where two windows come together in a tight corner. The Pass shade is measured and installed to cover all of one window. The Butt shade "butts" into the Pass shade creating the smallest possible light gap in the corner for the window corner condition.

Type	275	375	475
Roll	3"	3 $\frac{7}{8}$"	5 $\frac{3}{8}$"
Box	3 $\frac{7}{8}$"	4 $\frac{5}{8}$"	5 $\frac{3}{4}$"

Butt Shade Deduction

Reverse Roll Considerations

Butt and Pass shades are typically ordered as Reverse Roll, which most often better closes the corner light gap. Many factors may drive the choice between Standard or Reverse Roll in a Butt and Pass installation, such as orientation of other shades in the room, distance of fabric to glass, duo shade installations, etc.
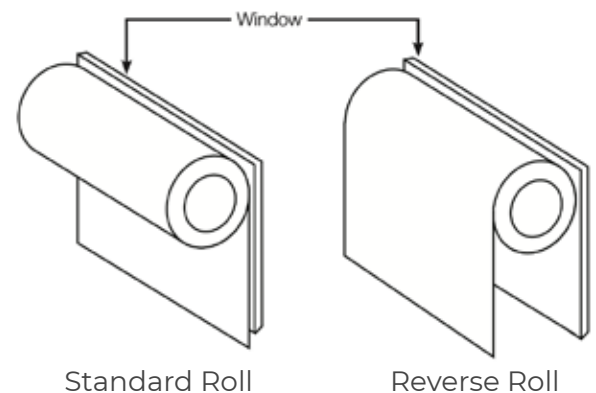
Standard Roll   Reverse Roll

Nano Box – Brackets and its Measurements

Standard

Recommended bracket for installing shades inside the window (most common application)
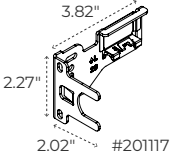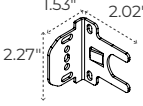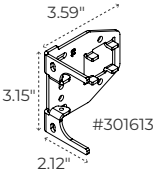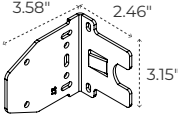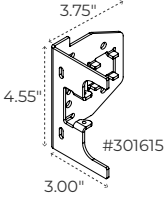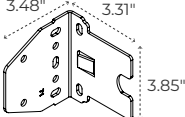

Low Profile – Top and Back

On-wall or On-mullion.

End Mount
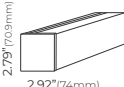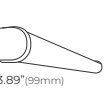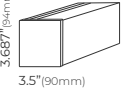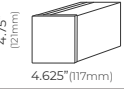
Jamb mount (End Mount)

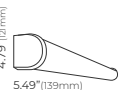|	Standard Brackets	Low Profile (Top & Back) Brackets	End Mount Brackets
275	2.87" (73mm), 1.61" (41mm), 2.74" (69.6mm); .125" Standard orientation; .71"; 3.01" Reverse orientation	2.86" (72.6mm), 0.36" (9.15mm), 2.09" (53.1mm); .04" Standard orientation; .41"; .04" Reverse orientation; 2.71"	4.96" (126.09mm), 1.72" (43.76mm), 2.85" (72.41mm), 3" (76.32mm); .125" Standard orientation; .71"; 3.01" Reverse orientation
375	3.43" (87mm), 2.01" (51mm), 3.78" (96mm); .24" Standard orientation; .72"; 3.67" Reverse orientation	NA	5.57" (141.5mm), 2.12" (53.93mm), 3.85" (97.7mm), 3" (76.20mm); .24" Standard orientation; .845"; 3.8" Reverse orientation
475	3.43" (87mm), 2.02" (51mm), 4.88" (124mm); .24" Standard orientation; .70"	NA	5.57" (141.5mm), 2.12" (53.93mm), 4.88" (123.96mm), 3" (76.32mm); .24" Standard orientation; .70"
Duo	2.71" (69mm), 1.61" (41mm), 5.81" (147mm)	NA	NA

Nano Roll – Bracket Measurements

275	375	475
3.82" 2.27" 2.02" #201117	3.59" 3.15" #301613 2.12"	3.75" 4.55" #301615 3.00"
1.53" 2.02" 2.27" #301560	3.58" 2.46" 3.15" #301527	3.48" 3.31" 3.85" #301571

Nano Box and Roll Measurements

	Motors	Controls	Series	Min. Shade Width		Max. Width		Light Gap		Dimensions	
				Roll	Box	Roll	Box	Roll	Box	Roll	Box
275	Manual	–	–	22	22 ¼	96	96	$^{11}/_{16}$	$^{13}/_{16}$		
	Wirefree (External Battery)	RTS	30	16 ⅜	18 ⅛			¾			
		Zigbee		17 ¾				¾	¾		
	Wirefree (Internal Battery)	RTS	30	28 ½	28 ½			¾			
		Zigbee		28 ½				¾			
	Low Voltage (DC)	RTS	30	20 ½	20 ½			$^{13}/_{16}$			
		Zigbee		21 ¾	21 ¾						
		485		21 ¾	21 ¾						
375	Wirefree (Internal Battery)	RTS / Zigbee	30	31 ¾	31 ¾	120	120	$^{13}/_{16}$	$^{11}/_{16}$		
	Low Voltage(DC) 30 Series	RTS	30	23	23						
		Zigbee		25	25						
		485		25	25						
	Low Voltage (DC) 50 Series	RTS / 485	50	37	37 ⅛				⅞		
	Line Voltage (AC)	RTS / 485	50	39	39 ⅛			$^{15}/_{16}$	1		
475	Low Voltage (DC)	RTS / 485	50	37 ½	37 ½	180	180	$^{15}/_{16}$	1		
	Line Voltage (AC)	RTS / 485	50	39 ½	39 ½			1 $^{1}/_{16}$	1		
275 Duo	Wirefree (Internal Battery)	Zigbee	30	N/A	27 ⅝	N/A	96	N/A	¾	N/A	
	Low Voltage (DC)	485			21 ⅜						
375 Coupled	Low Voltage (DC)	RTS / 485	50	N/A	**Drive side 39	N/A	120 (Band)	N/A	1	N/A	
	Line Voltage (AC)	RTS / 485			**Drive side 41				1		

All the measurements listed above are in inches.   *Max. width & height are fabric/railroad dependent.

**Coupled-Additional segments can be as narrow as 15 1/2" wide

RTS - 1-Way RF Control | Zigbee - 2-Way Wireless Control | 485 - 2-Way Hardwired Control

Nano Box 275 – Narrow (External Battery)

Created for small windows, Nano Box 275 provides the narrowest rechargeable motorized enclosed cassette in the industry. To accommodate window widths between 18–25", the cassette has an external battery (see drawing for appearance and dimensions). Of course, magnetic induction battery charging is included.

Please note that the external battery on 275 Box requires an additional ¼" of window depth compared to shades wider than 25." To provide additional clearance for the battery housing, a ¼" spacer block (provided) is attached to the 275 Box bracket. You should take this additional projection into account when measuring the windows.

3.51"(89 mm)

1.07"
(27 mm)

0.65"
(16.5 mm)

18" - 23"
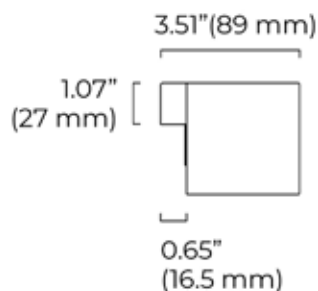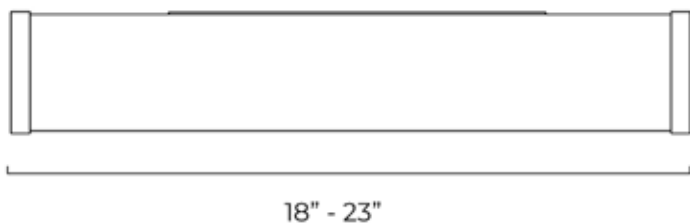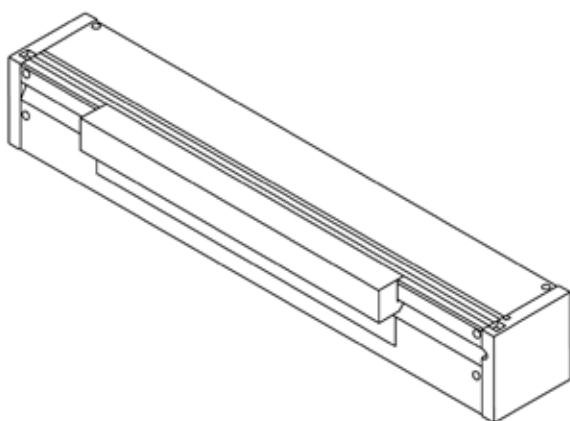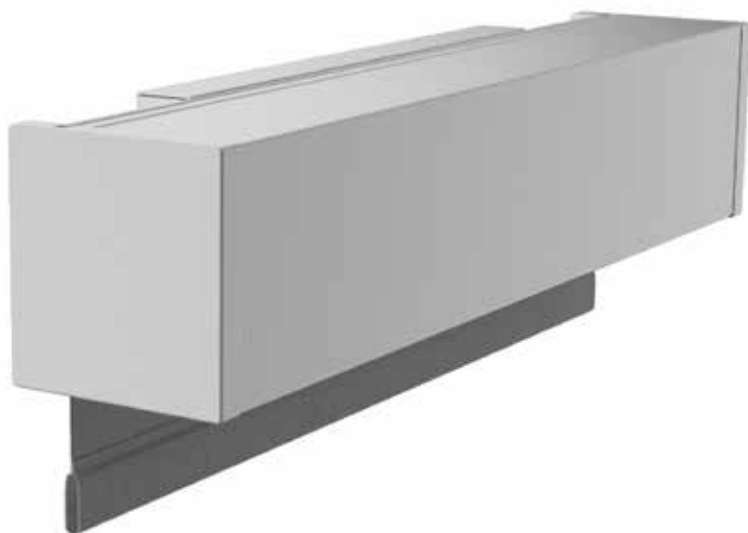
Nano Roll 275 – Narrow (External Battery)

Created for small windows, Nano Roll 275 provides a narrow shade solution by employing an external rechargeable battery pack (see drawing for appearance and dimensions). All 275 Roll shades between 14 3/8" and 25" wide will be made with an external battery pack. Charging the battery employs the same magnetic induction as all Nano 275 Roll.

Please note that the external battery on 275 Roll requires 1" of additional window depth compared to Roll shades wider than 25." You should take this additional projection into account when measuring the windows. When mounting to the wall (in order to provide the additional clearance needed for the battery housing), (4) ¼" spacer blocks (provided) need to be attached to the 275 Roll bracket. If mounting to the ceiling, the blocks are unnecessary.

1.0"(25.4 mm)

1.5"(38.1 mm)

3.9"(99 mm)

18" - 23"
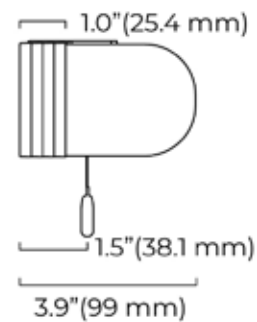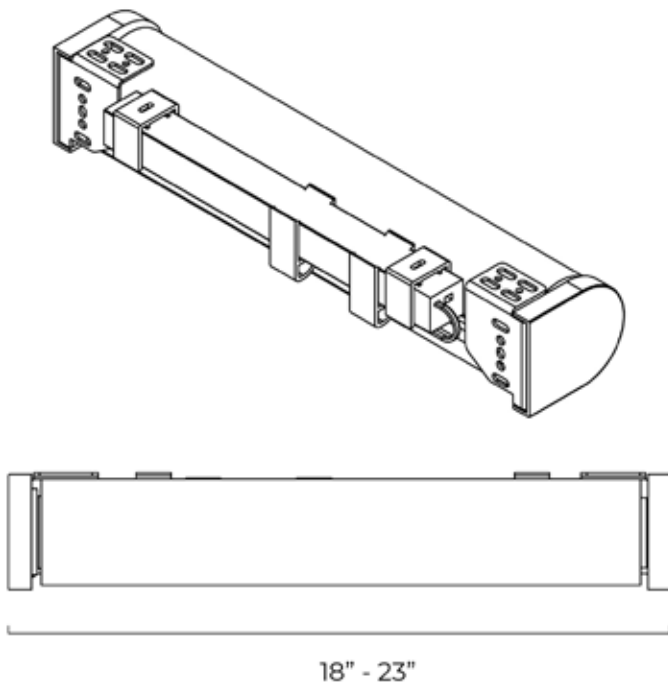
NANO BOX DUO

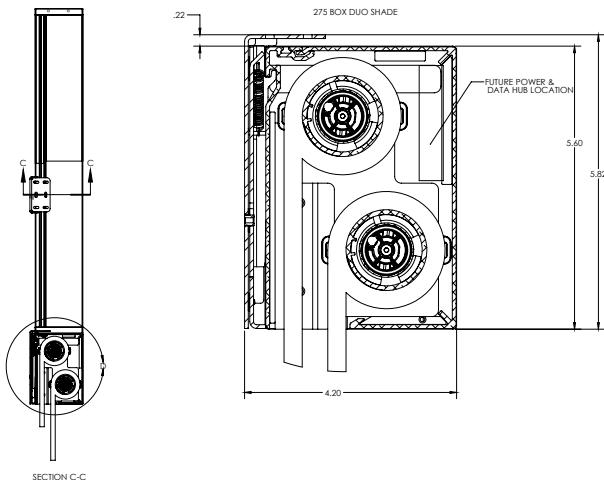The best of both worlds with the smallest form factor in the industry

NANO BOX DUO

275 Box only, up to 4 units on a single motor
Max Fabric per Unit (typical) 375 – 120" x 168"

Features and Benefits

Note: Fabric selection may limit the maximum drop of the shade due to fabric thickness and cassette size limitations; use Flow software to determine shade size and fabric selection compatibility.

· 12 Designer Standard Housing Colors – Custom RAL also offered with up 200 color choices

· Ultra-quiet operation featuring SI noise dampening components with soft starts and stops

· Provides maximum coverage in the window with some of the smallest light gaps in the industry; light gaps vary by model chosen; light gaps are symmetrical on both sides of the shade.

· Wide range of bracket options to meet every type of installation criterion.

· Extensive textile/fabric options with UV blocking Sunscreen, Light Filtering, Privacy and Black-out available. Most commercial grade fabrics carry NFPA 701-10 California Title 19, ASTM E2180, ASTM G21 Bacterial & Fungal Resistance and some carry various Acoustical Ratings for sound absorption. Custom fabric options available.

Nano Duo Box Shades contain two Nano 275 shades in one cassette. The Width and Height maximums that apply to Nano 275 Box also apply to Nano Duo Box Shades.

As is the case with Nano 275 Box, the cassette is very compact as shown in the dimensioned diagram. The brackets are simple to install, and contain the cam lock and light stop features found in all Nano Box Shades.

Either wirefree rechargeable or low voltage motors are available, and there are magnetic charging ports on each end, should you choose wirefree rechargeable.

NANO BOX COUPLED

One motor, multiple shades

NANO BOX COUPLED

375 Box only, up to 4 units on a single motor

Overall fabric, up to 300" for 24v DC shades and 480" for 110v AC shades - (4 shades max.) based of fabric selection and height

Features and Benefits

Note: Fabric selection may limit the maximum drop of the shade due to fabric thickness and cassette size limitations; use Flow software to determine shade size and fabric selection compatibility.

- 12 Designer Standard Housing Colors – Custom RAL also offered with up 200 color choices

- Ultra-quiet operation featuring SI noise dampening components with soft starts and stops

- Provides maximum coverage in the window with some of the smallest light gaps in the industry; light gaps vary by model chosen; light gaps are symmetrical on both sides of the shade.

- Wide range of bracket options to meet every type of installation criterion.

- Extensive textile/fabric options with UV blocking Sunscreen, Light Filtering, Privacy and Black-out available. Most commercial grade fabrics carry NFPA 701-10 California Title 19, ASTM E2180, ASTM G21 Bacterial & Fungal Resistance and some carry various Acoustical Ratings for sound absorption. Custom fabric options available.

Power and Control

- 24v low voltage motors available in either 485 control for wired integration into building control systems, or wireless RTS control via many wireless control accessory options.

- 110v line voltage motors in either 485 control for wired integration into building control systems, or wireless RTS control via many wireless control accessory options.

3.68"

3.5"

375
Max width 40'

(overall - up to 4 units)
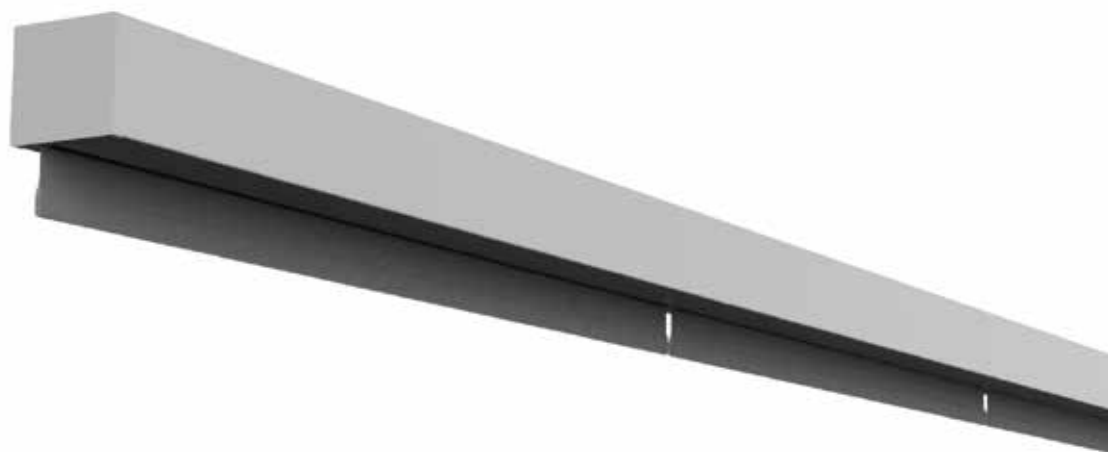
POCKET SHADES

Take Control of your Pockets

POCKET SHADES (SINGLE/DUO)

Types

· Pocket SIngle 275, 375, 475

· Pocket Duo 275, 375, 475

· Pocket Coupled SIngle 375, 475

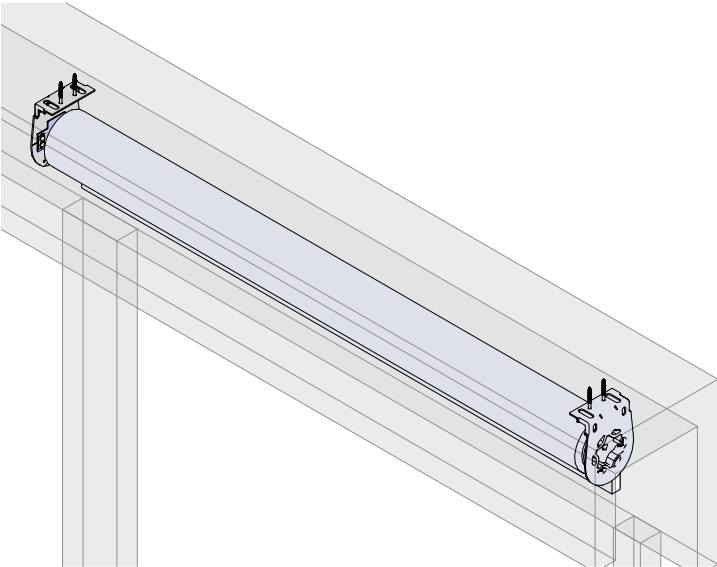· Pocket Coupled Duo 375, 475

Features and Benefits

Note: Fabric selection may limit the maximum drop of the shade due to fabric thickness and cassette size limitations; use Flow software to determine shade size and fabric selection compatibility.

· Modular design which can be easily transported and installed

· Overall up to 200" for 24v DC shades and 280" for 110v AC shades – (4 shades max.) – For Pocket Coupled Single and Pocket Coupled Duo shades.

· Ultra-quiet operation, including soft start/stop technology with the low voltage motor option

· Programmable limits; fine tunable using the remote, or on the app, depending on configuration

· Smallest lightgaps in the industy, only 1" between each shade — For Pocket Coupled Single and Pocket Coupled Duo shades.

· Perfect hembar alignment through coupler micro-adjustments so shades move in perfect unison. Hembar speeds programmable on LV motor options

· Optional Side and Sill Channels eliminate light gaps for a blackout experience

· Expansive textile/fabric options with UV blocking Sunscreen, Light Filtering, Privacy, and Black-out available, with manydesigner color and texture options to choose from. A large selection of commercial grade fabric options from industry leading suppliers carrying a range of testing certifications and compliance ratings, including fire ratings under NFPA 701-10 California Title 19, Bacterial & Fungal Resistance under ASTM E2180, ASTM G21, RoHS compliance fabrics, many with GREENGUARD certification, and various Acoustical Ratings for sound absorption, depending on fabric. Several fabric manufacturers and custom fabric options available

· Available in Wired control using Janus, SIFI, and Fontus, or Wireless using RTS technology

· Low voltage power and communication over Category cable, or over existing 2-wire install

Pocket Single Shades – 275, 375, and 475

Pocket Shade installation options are for recessing your shade system into a pre-constructed pocket or suspended ceiling to perfectly conceal the shades when retracted. The pocket design allows for concealment using materials consistent with other finishes in the room. Ceiling mounted option available. Add the optional Flap and Hanger enclosure accessory for additional concealment.
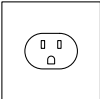

Power

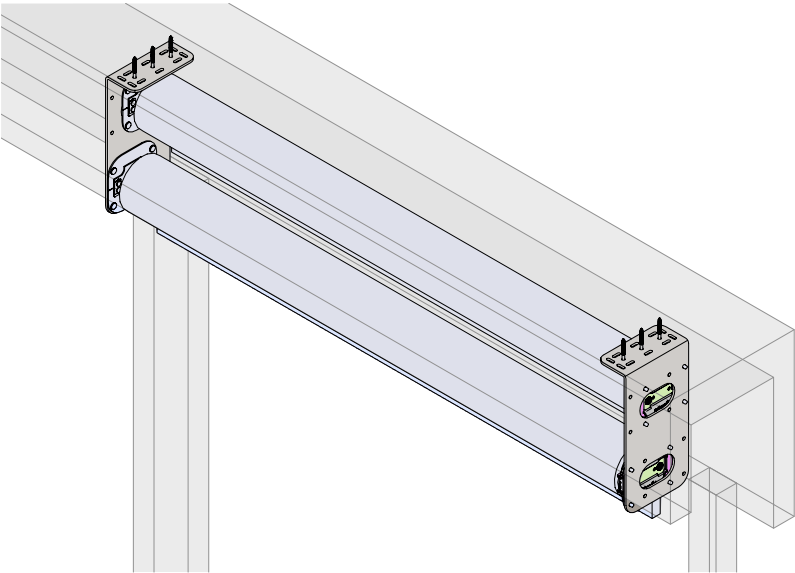| 24v DC	110v AC
RTS | 485	RTS | 485
275 | 375 | 475	**375 | 475**

Max overall width of 200" on the DC motor and 280" on the AC motor

Bracket Measurements

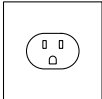|	Motor Side Brackets		Idler Side Brackets
275	2.9" (73.7mm) · 0.76" (19.2mm) · 2.6" (67.6mm)		2.9" (73.7mm) · 0.76" (19.2mm) · 2.6" (67.6mm)
375 or 475	3.5" (89mm) · 1.38" (35mm) · 4.5" (114.33mm) — DC - Low Voltage	3.5" (89mm) · 1.38" (35mm) · 4.5" (114.33mm) — AC - Line Voltage	3.5" (89mm) · 1.38" (35mm) · 4.5" (114.33mm)

Pocket Duo Shades – 275, 375, and 475

The Pocket Duo Coupled Shade option incorporates the flexibility of our Duo Shade fabric options, with the Value Engineering of our Coupled Shades. The pocket design allows for concealment using materials consistent with other finishes in the room. Ceiling mounted option available. Add the optional Flap and Hanger enclosure accessory for additional concealment.

Power

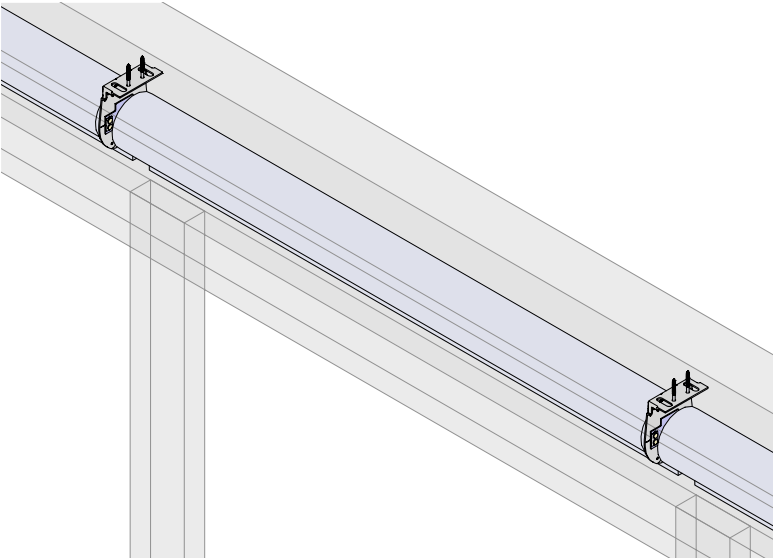| 24v	outlet
24v DC	110v AC
RTS | 485	RTS | 485
275 | 375 | 475	**375 | 475**

Max overall width of 200" on the DC motor and 280" on the AC motor

Bracket Measurements

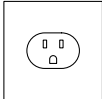|	Motor Side Brackets	Idler Side Brackets
275	4.63" (117.7mm), 3.92" (99.5mm), 5.97" (151.6mm)	4.63" (117.7mm), 3.92" (99.5mm), 5.97" (151.6mm)
375 or 475	4.55" (115.6mm), 2.14" (54.27mm), 8.9" (226mm) — DC - Low Voltage / AC - Line Voltage	4.55" (115.6mm), 2.14" (54.27mm), 8.9" (226mm)

Pocket Coupled Single Shades – 375 and 475

Coupled Shades are a perfect solution for a bank of windows such as in a storefront, where up to four shades may be operated by a single motor. The pocket design allows for concealment using materials consistent with other finishes in the room. This type of value engineered approach reduces work and cost, saving your client money without sacrificing the design intent. Ceiling mounted option available. Add the optional Flap & Hanger enclosure accessory for additional concealment.

Power

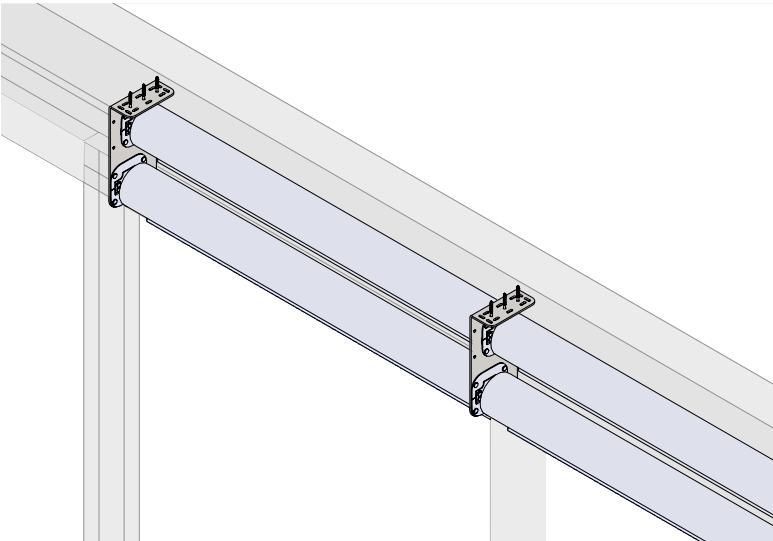| 24v DC	110v AC
RTS | 485	RTS | 485
375 | 475	**375 | 475**

Max overall width of 300" on the DC motor and 480" on the AC motor based of fabric selection and height

Bracket Measurements

	Motor Side Brackets		Coupler and Idler Side Brackets
375 or 475	3.5" (89mm) · 1.38" (35mm) · 4.5" (114.33mm) — DC - Low Voltage	3.5" (89mm) · 1.38" (35mm) · 4.5" (114.33mm) — AC - Line Voltage	3.5" (89mm) · 1.38" (35mm) · 4.5" (114.33mm)

Pocket Coupled Duo Shades – 375 and 475

The Pocket Duo Coupled Shade option incorporates the flexibility of our Duo Shade fabric options, with the Value Engineering of our Coupled Shades (overall, up to four units). The pocket design allows for concealment using materials consistent with other finishes in the room. Ceiling mounted option available. Add the optional Flap and Hanger enclosure accessory for additional concealment.
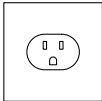

Power

24v DC
RTS | 485

375 | 475

110v AC
RTS | 485

375 | 475

Max overall width of 300" on the DC motor and 480" on the AC motor based of fabric selection and height

Bracket Measurements

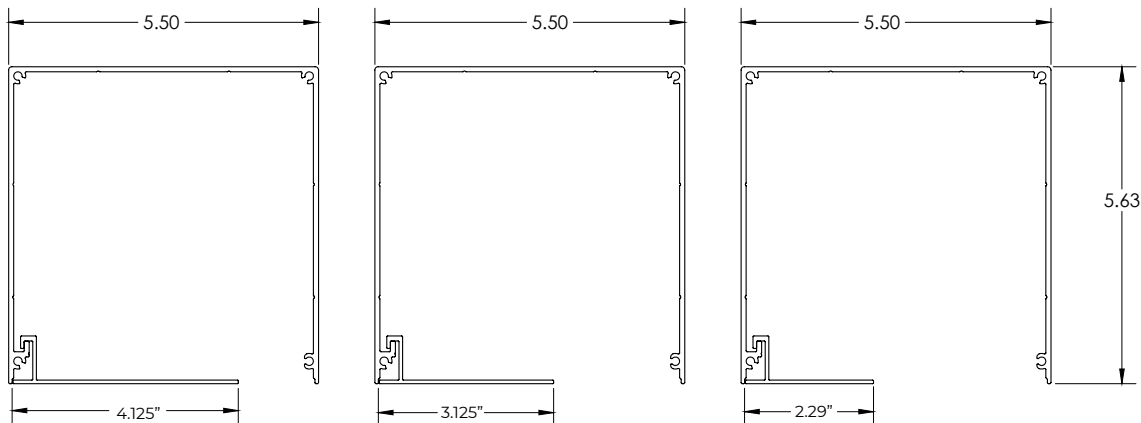|	Motor Side Brackets		Coupler and Idler Side Brackets
375 or 475	4.55" (115.6mm) · 2.14" (54.27mm) · 8.9" (226mm) · DC - Low Voltage	4.55" (115.6mm) · 2.14" (54.27mm) · 8.9" (226mm) · AC - Line Voltage	4.55" (115.6mm) · 2.14" (54.27mm) · 8.9" (226mm)

Optional Pocket Hanger and Flap Closure

Hanger and Closure is an accessory to our full line of Pocket Shades, which allows for better concealment of the shade rolls within the pocket. Available in lengths of 8' and 16'.

2.30 Hanger

2.29" Flap

3.125" Flap

4.125" Flap
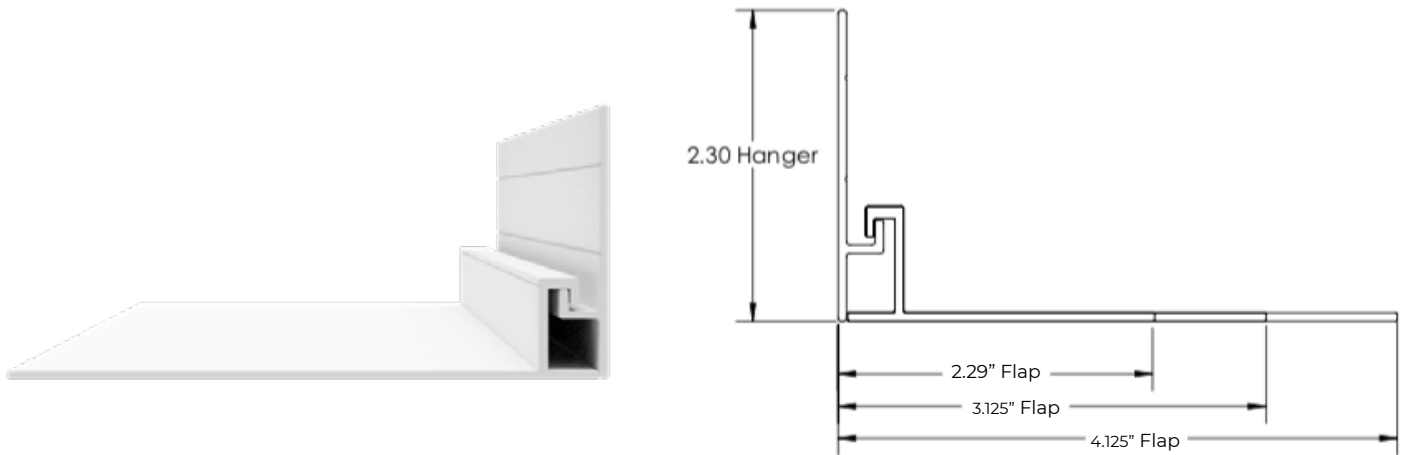
Pocket Enclosure

Pocket Enclosure is an accessory to our Pocket single, Pocket Coupled, and Pocket Duo 275 shades. This enclosure provides a near 360 degree enclosure option.

5.50

5.50

5.50

5.63

4.125"

3.125"

2.29"

◆SI