Zen® 2 Shades

Industry's first architecturally design-focused outdoor motorized shading system that installs in half the time

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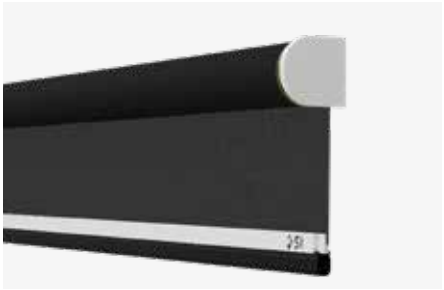
ZEN 2 SHADES

Outdoor shading solutions

ZEN 2 SHADES

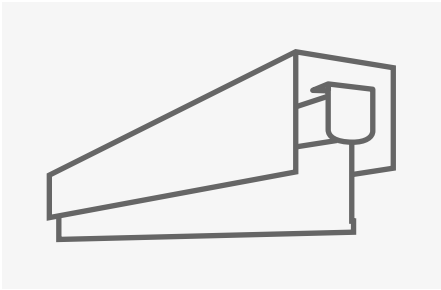
Box

Standard - up to 18’ wide
XL - up to 25’ wide



Roll

Standard - up to 18’ wide
XL - up to 25’ wide



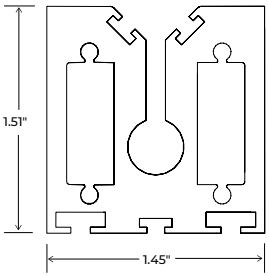
Pocket

Standard - up to 18’ wide
XL - up to 25’ wide

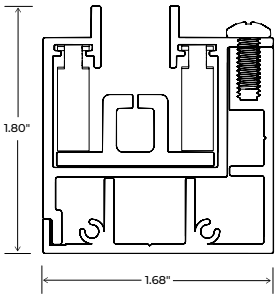
Features and Benefits

- Zen 2 is the industry’s first architecturally design-focused outdoor shading solution, seamlessly blending into today’s home designs. Transform your outdoor area into a comfortable, stylish living space.
- Choose between 9 powder coated colors or a custom paintable primed option for a perfect color blend.
- AC, Low-Voltage, and Solar Rechargeable power options available
- Zipper tracks - when bug and pest control is the primary goal.
- Cable guide system - where sun control and / or privacy are the primary goals.
- Available in the most popular fabric options on the market, including an expansive list of fabric options featuring UV blocking and resistance technologies for long-lasting outdoor use and mesh for bug control.
- With a unique snap-in tube and hidden bracket attachment, Zen 2 installs in half the time of traditional outdoor shading systems.
- Optional pre-construction channels allow contractors to furr in the track for smooth installation.
- Suitable for light wind control. Optional anemometer accessory will automatically raise motorized shades in higher winds.
- Built in obstruction detection stops and reverses your Zen 2 shade preventing damage or injury.
- Quiet, durable operation using outdoor rated motors and components.
- Programmable limits. Fine tunable using a remote, or through your control system.

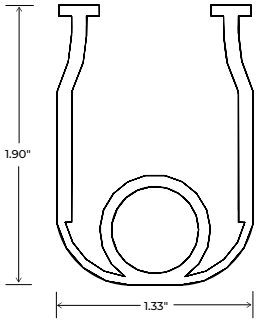
Zipper Tracks



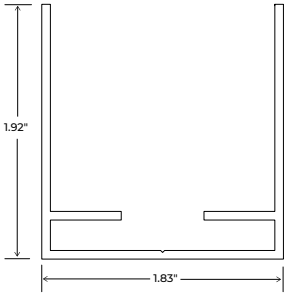
Weight Bar



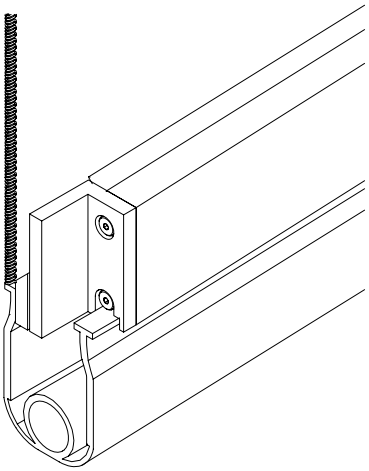
Zipper Track



Gasket



Pre-Construction Channel



Hem bar Side track

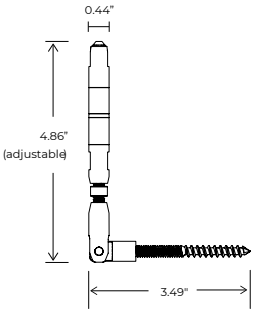
Some additional features

Temperature control

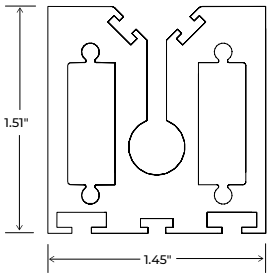
Obstruction detection

Prevents insects

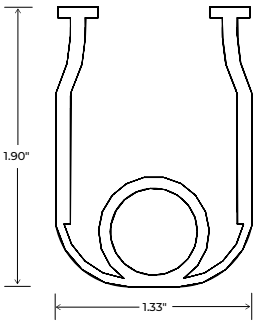
Cable Guides



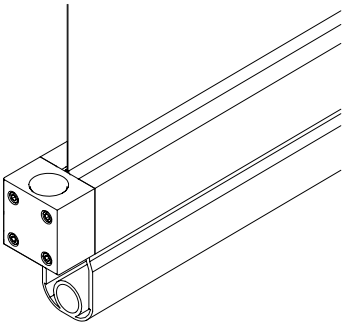
Cable



Weight Bar



Gasket

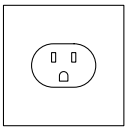


Hem Bar

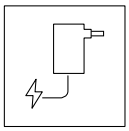
Stainless steel cable guide
system keeps the shade in place

Power and Control

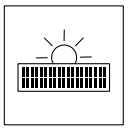
AC, LV and Solar Rechargeable Power options



110v AC
RTS | 485*
Rated Current: 2.1A



12v DC
RTS
Rated Current: 2.2A

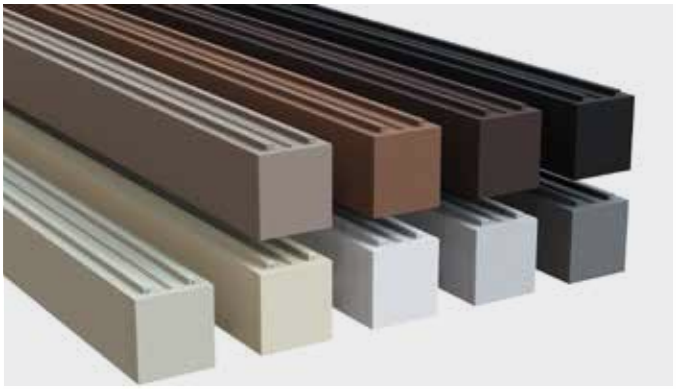


Solar Rechargeable
RTS
Rated Current: 2.2A

*Contact Design Services

Color Options

We offer 9 hand-picked, designer standard color options.



Zen 2 Box

Zen 2 Roll

Operation Types - Motorized

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

Compatible with most 3rd party controls, flexible control and communication options for low-voltage and line voltage motors from simple 1-way local control via RTS, to whole home automation system via wired 485 or IP gateway options.

Wall mounted keypads

Voice control (RTS)

Phone apps

Remotes

Whatever your control needs, we have you connected!

Wired - 485 control via TRO.Y

TRO.Y - IP Control Gateway

- IP Control with built in 4 port data hub
- 3rd party integration with 485 motors via PoE and RS232
- 16 Bus power units per port (x4)
- Advanced control options for all motor types, RTS and Zigbee via its TLS encrypted link

- Can use wired 485 or wireless RTS keypads to control shades
- Built-in web browser based commissioning, multi-platform compatible (PC/MAC/Mobile)
- Single interface for 485 motor, keypad and RTS Receiver programming
- 3rd party keypad integration
- 4 times the processing and bus architecture compared to other 485 gateways
- Innovative SI proprietary site files and templates to store and accelerate commisioning
- Exclusive assignable node ids for 485 motors saving time and money on 3rd party controls

LUTRON CRESTRON ELAN Control4 SAVANT

Wireless - RTS

RTS & Zigbee gateway

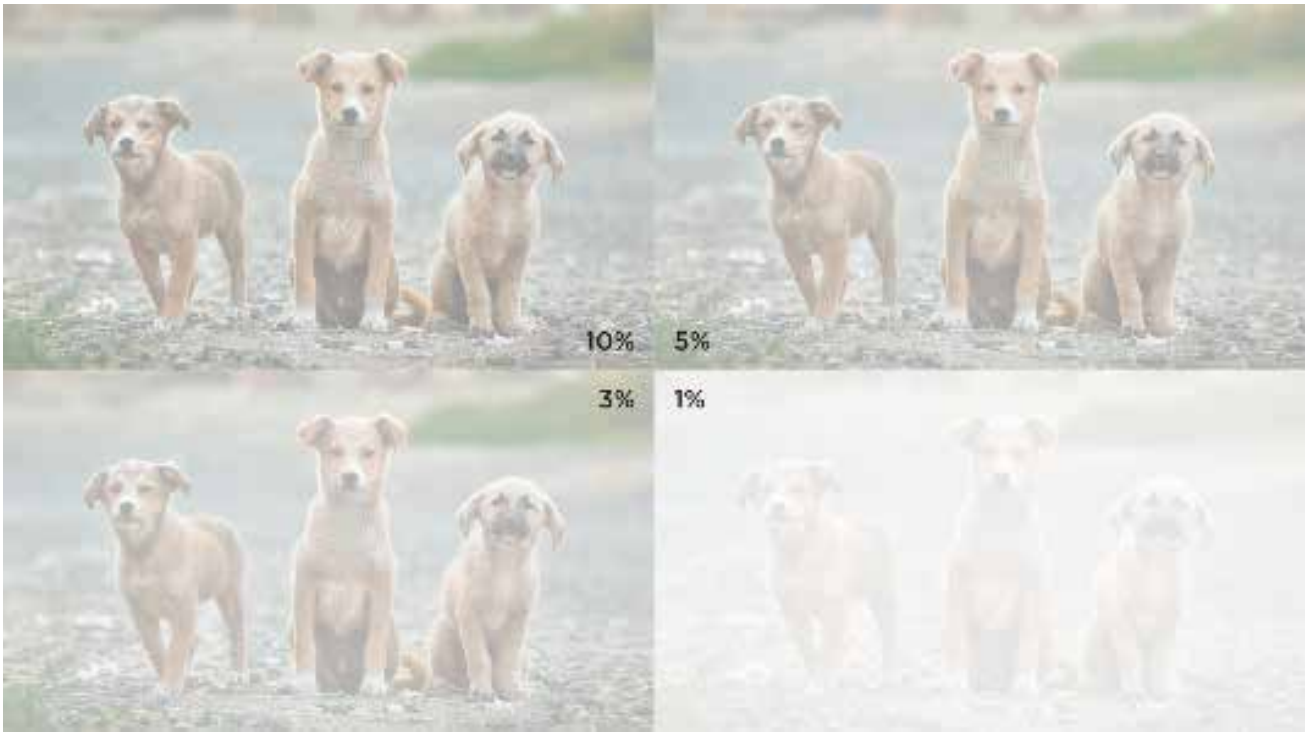
RTS Repeater

- RTS is a reliable wireless one-way communication protocol which can communicate with Zen 2 shades
- RTS offers many control options, such as handheld remotes, wall-mounted keypads, and smart phone apps such as TaHoma
- SI RTS gateways also include Zigbee 3.0 compatibility

CRESTRON SAVANT ELAN
URC RTI LUTRON Control4
amazon alexa Google

* Requires TRO.Y

Shade Fabrics



Zen 2 is available in the most popular fabric options on the market, including an expansive list of textile & fabric options featuring UV blocking and resistance technologies for durable, long-lasting outdoor use

Note: Fabric selection may limit the size of the shade, or force cassette size to the next size up; use the SI Flow Tool and SI Design Services with help determining shade size and fabric selection compatibility.

Fabric Certification & Testing

Fire Retardant

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.

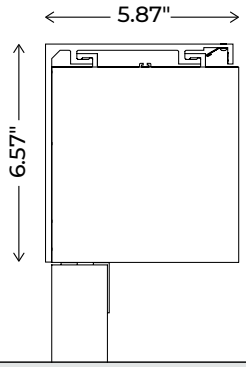
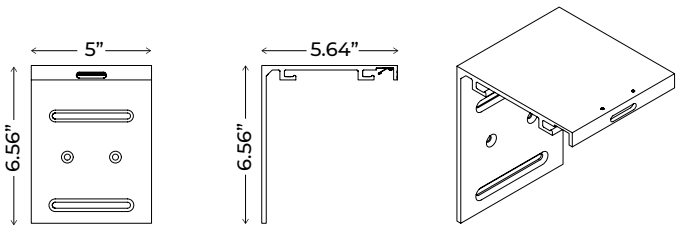
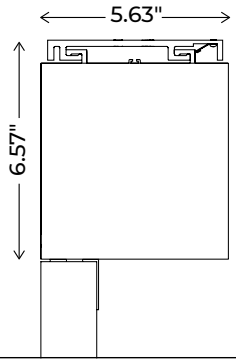
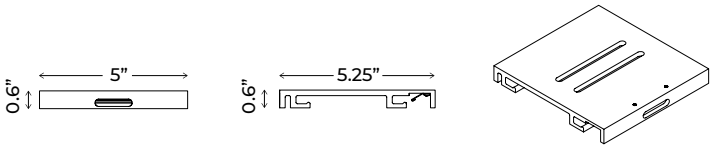
Air Quality

Understanding, and eliminating or controlling common pollutants will help mitigate the risk to occupants from 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.

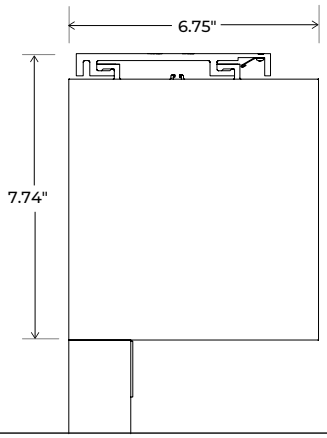
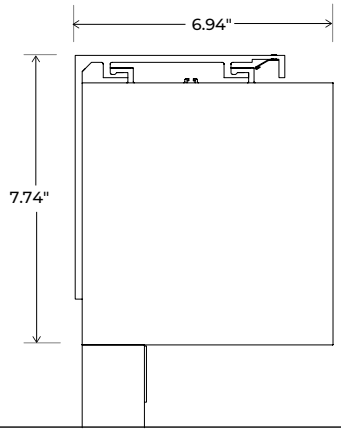
Environmentally Responsible

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.

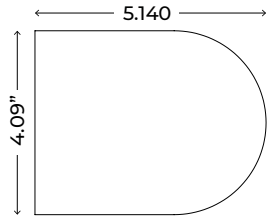
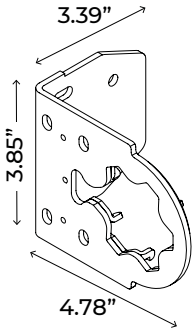
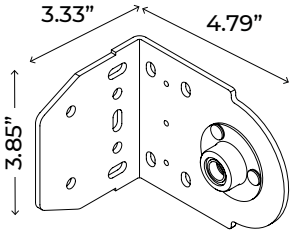
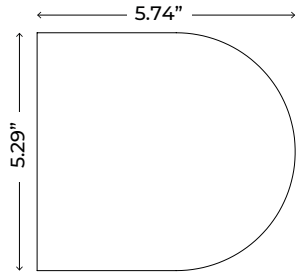
Zen 2 Box - Mounts & Bracket Measurements

Wall Mounting	Wall Brackets
	
Ceiling Mounting	**Ceiling Brackets**
	

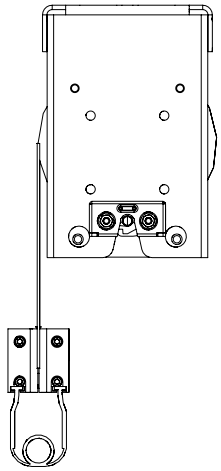
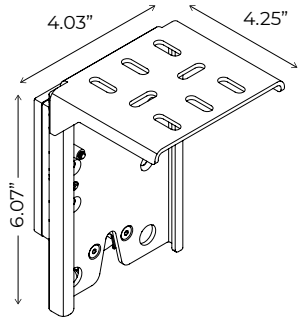
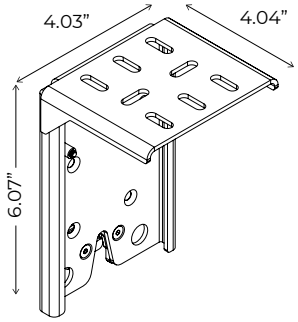
Zen 2 Box - XL - Mounts & Measurements

Ceiling Mount	Wall Mount
	

Zen 2 Roll - Mounts & Bracket Measurements

End caps	Brackets
	 
XL	
	

Zen 2 Pocket - Mounts & Bracket Measurements

	Wall Mount	Jamb Mount
		

Zen Fabric Capacity Chart

STYLE	BRAND	NAME	% OPEN	PRICE LEVEL	EXTERIOR WARRANTY	FABRIC THICKNESS (IN)	FABRIC WIDTH	MAX HEIGHT	
								STANDARD (T5)	XL (T6)
Sunscreen	Mermet	Natté	3%	E	10 Year	0.023	122	186	192
Sunscreen	Mermet	Natté	5%	D	10 Year	0.022	122	186	192
Sunscreen	Mermet	Natté	10%	D	10 Year	0.021	122	186	192
Sunscreen	Phifer	Sheerweave 2000	5%	C	5 Year	0.021	126	186	192
Sunscreen	Phifer	Sheerweave 2100	10%	C	5 Year	0.021	126	186	192
Sunscreen	Phifer	Basketweave	10%	C	5 Year	0.019	122	186	192
Sunscreen	Phifer	Basketweave	5%	C	5 Year	0.017	122	186	192
Sunscreen	Phifer	Basketweave	3%	D	5 Year	0.020	122	186	192
Sunscreen	Phifer	Basketweave	1%	D	5 Year	0.024	122	186	192
Sunscreen	Phifer	Sheerweave 2360	10%	C	5 Year	0.019	126	186	192
Sunscreen	Phifer	Sheerweave 2390	5%	C	5 Year	0.017	126	186	192
Sunscreen	Phifer	Sheerweave 2410	3%	D	5 Year	0.020	126	186	192
Sunscreen	Phifer	Sheerweave 2500	1%	D	5 Year	0.024	126	186	192
Sunscreen	Phifer	Suntex 80	25%	A	10 Year	0.032	120 *	160	192
Sunscreen	Phifer	Suntex 90	10%	B	10 Year	0.035	120 *	150	192
Sunscreen	Phifer	Suntex 95	5%	B	10 Year	0.029	126	175	192
Sunscreen	Phifer	Veozip	5%	F	5 Year	0.035	126	150	192
Bug Screen	Phifer	Tuffscreen	17x13 mesh	A	10 Year	N/A	132	150	192
Bug Screen	Phifer	Tuffscreen No-See-Ums	18x22 mesh	A	10 Year	N/A	132	186	192

* - Not all colors available at max fabric width

SI Design Services

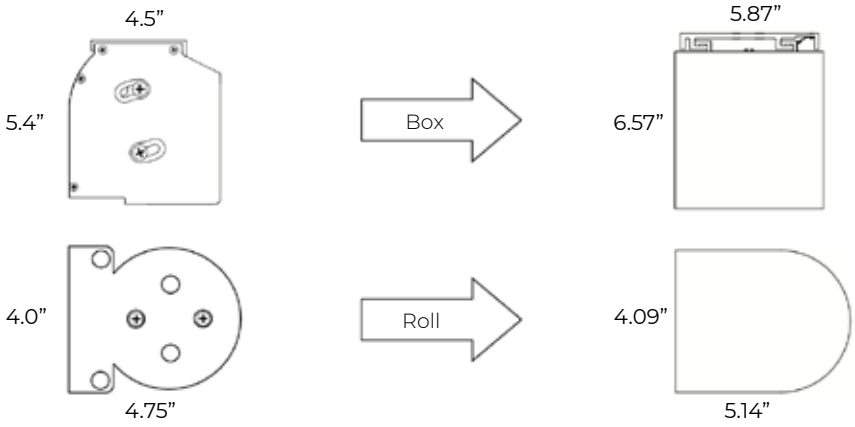
Design Services is a free service providing pre-sale support and continued education for our shade dealers. We are your one-stop shop for all things shade, from hardware to software and even communication.

Whether your new to SI or new to the shading industry, Design Services is your one-stop shop for all things shade.

Email us at sidesignservices@screeninnovations.com or scan the QR code to schedule an appointment.

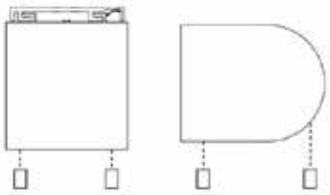
Zen vs. Zen 2 Features

Zen 2 is architecturally designed with a modern look that coincides with our indoor Nano line.



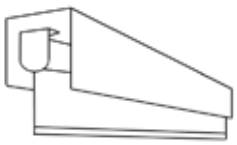
New Features

Now available in standard or reverse roll option.

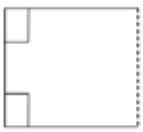


Increased max. width of 25’ wide, previously 23’.

Pocket option



Pre-construction channels maintain a track profile to easily recess Zipper tracks.



Dealer inspired hardware cuts installation time in half.

Industry standard gasket different sizes and colors available at your local hardware store.

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