

STRUT

by WAC

AVAILABLE FALL 2020



Industrial Chic, Warehouse District, Brooklyn. All very popular current design trends but they aren't conducive to traditional lighting fixture installations.

Imagine a system designed to change with the times. You could use all your familiar light sources in a system that was designed to adapt to the times?

Not everyone's workspace has the same lighting requirements.

Imagine if each person could customize the lighting in their area to maximize efficiency?





High end retail looks more and more like a museum, needing higher quality lighting and various lighting types to fill in a design properly.

Imagine a system with a multitude of lighting types that you can change for your client whenever they move their retail displays.

Open layouts, clean high ceilings and large windows are a great way to bring in natural lighting in your space, until it starts to rain.

Imagine a system that adapts to your lighting needs and to provide comfortable illumination all day and night?





STRUT by WAC

The only lighting, power, and control system complete with lighting elements designed for discriminating performance.

Configure STRUT for your retail, restaurant, commercial office, or residential lighting plan without custom lead times - get exactly what you want, when you want it.

HOT SLIDE

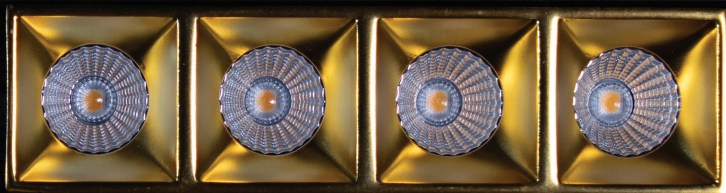
Magnetic infrastructure allows you to slide elements within the STRUT and adjust lighting effects while powered

STEALTH

Design details include precise form and finishes, like black copper busways for power and communications

MODULAR

Configure standard components for a customized solution



THE ONLY CONSTANT IS CHANGE.

– Heraclitus c. 504 BC

CHANGE YOUR MIND

Need to spotlight artwork there?

Or does the furniture plan change late in the game? Avoid construction delays and change orders with a modular power system where lighting elements can be modified on site with ease.



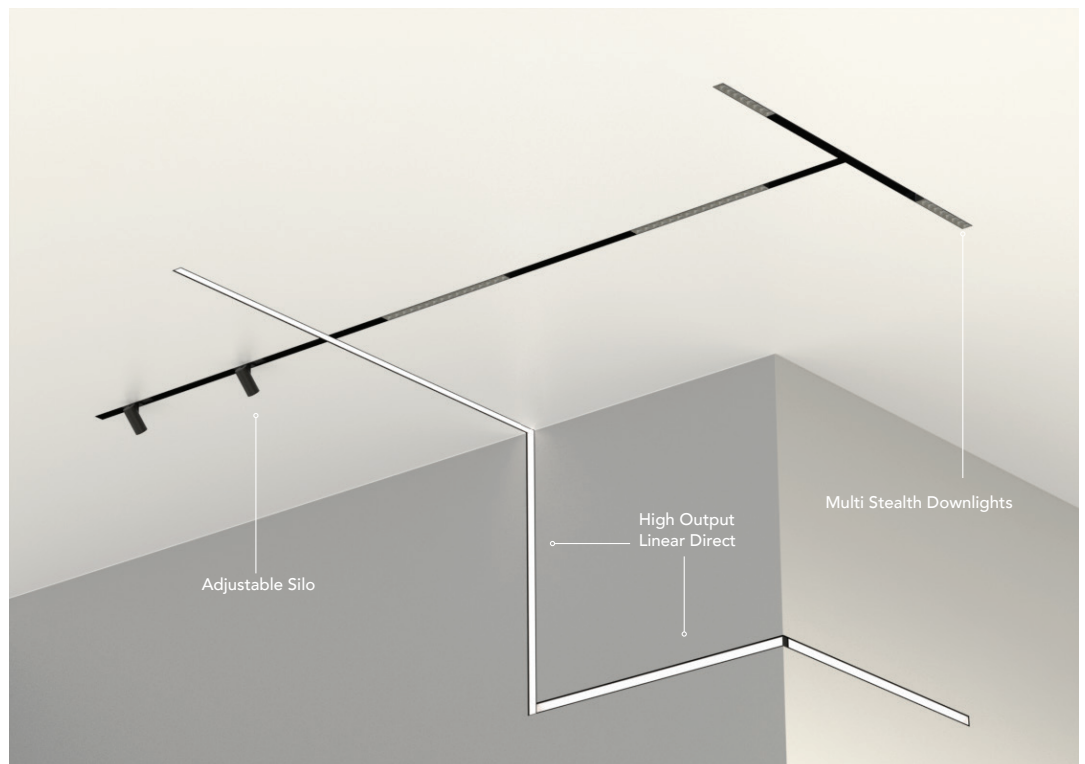
Change your mind after installation?

Group lights any time without having to modify wiring. Lights are all uniquely addressable to be controlled individually or grouped as desired. All communications with the Connected Power Unit are wired for stability and security. Integration to your control system can also be hardwired.

STRUT

CHANGE ON SITE

STRUT is fully customizable.
Easy to specify and order without special knowledge, STRUT can adapt to changing design decisions with ease.
Choose your components
- all ready to ship within a week.



There is a light at the end of the corner.
Use illuminated Inner Corner connectors where ceilings meet walls for a continuous line of light.



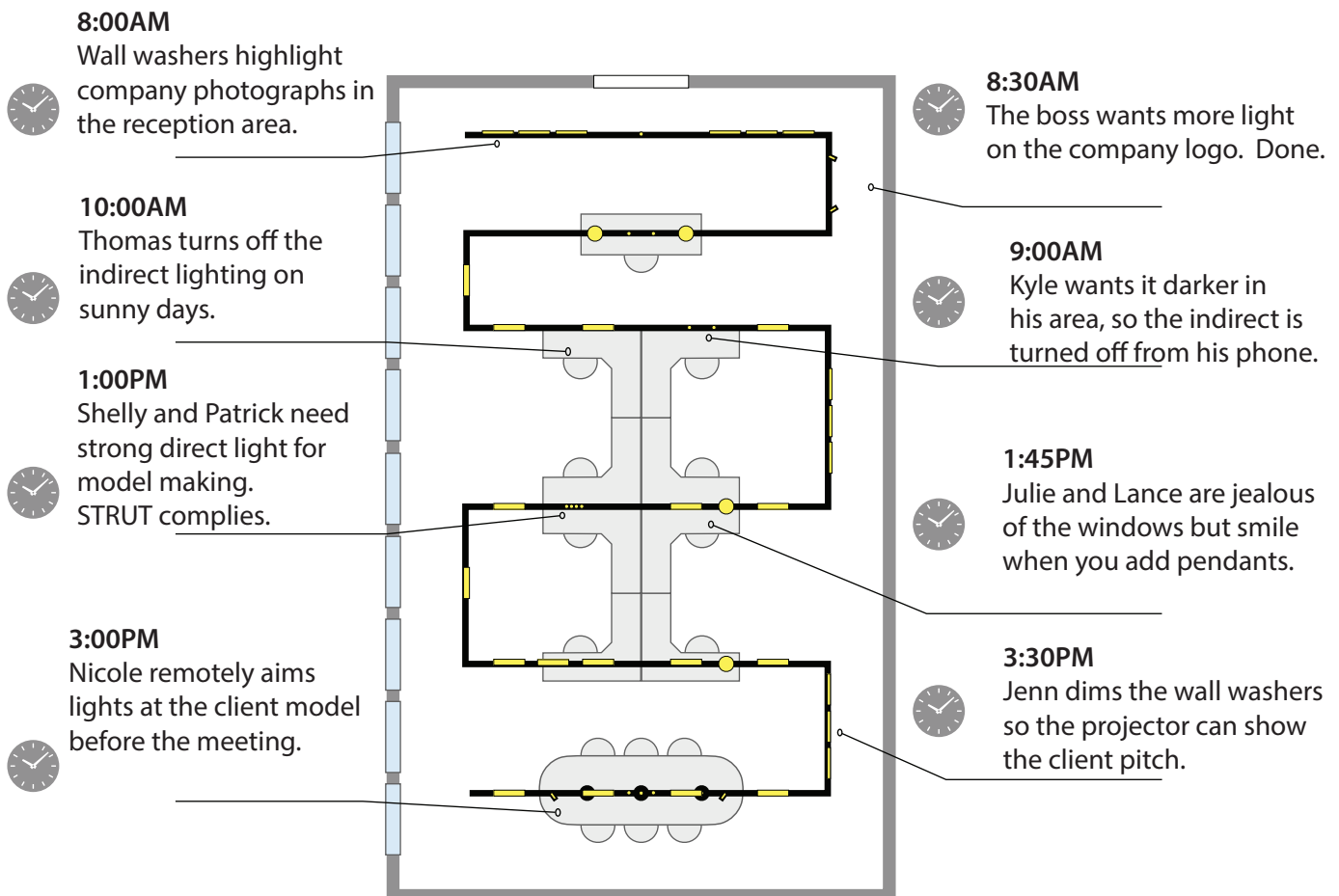
See Page 49

LIGHTING WITHOUT LIMITS

CHANGE AS OFTEN AS YOU WISH

STRUT gives users the experience they've been looking for. Get setup and online, quickly and easily using the WAC app for iOS or Android. Give limited control to users over elements.

Basic functions, like On/Off/Dim, Grouping and Scheduling can be performed by anyone with a simple user interface.



CHANGE OF CONTROL

STRUT is technology agnostic. Interfaces are available with TRIAC, ELV, 0-10V, or DMX protocols. Commission through our wireless app. Then integrate with a variety of control systems. Confidently specify knowing that STRUT is designed for seamless integration with the control systems clients are already using.

Changes to fixture grouping or actions are automatically recognized by control systems that are integrated with the Connected Power Unit.

INDIVIDUAL CONTROL

Operate each fixture independently, or create groups for circuit-simulating control. User presets can allow you to change your entire lighting scheme on the fly.

SCHEDULE

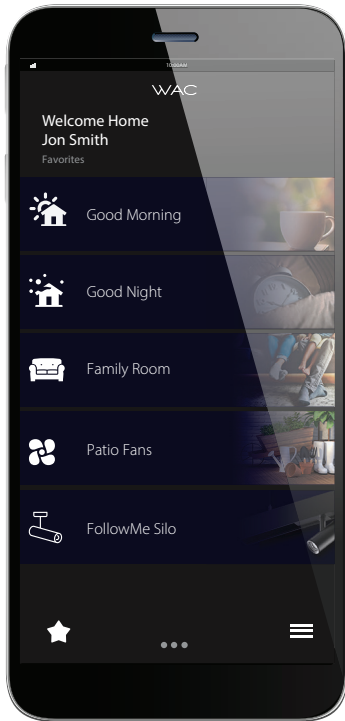
Create schedules – keep it simple with a 7-day weekly calendar, or get as granular as you want with a 365-day calendar that automatically accounts for daylight savings time changes.

COMMISSION

Commission your lighting array with our exclusive, free WAC app. Then control it from anywhere in the world.

INTEGRATION

Integrate with popular control systems through standard hardware for basic On/Off/Dim functions. Higher level integrations will be made available as these systems update. New functions will be made available through future over-the-air updates.



CHANGE ON A MOMENT'S NOTICE

STRUT

Change the brightness, beam angle, and aiming direction remotely.

Our patent-pending smart system takes the concept of a motorized track head and integrates it into everyday activity without requiring more thought from the user.



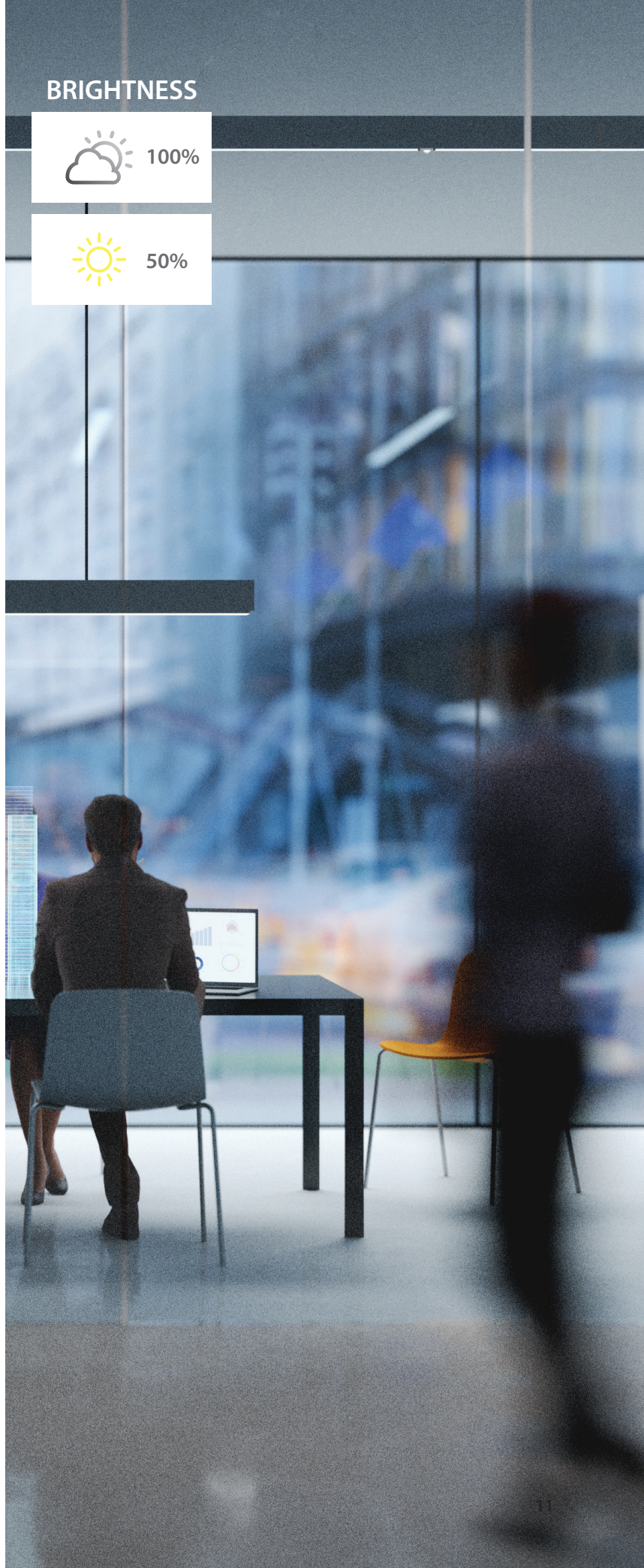
CHANGE WITH SEASONS

Or as often as you'd like. Coordinates with beacons to direct and adjust beam spread to highlight frequently moved objects, like seasonal retail displays and tables in a convention center.

CHANGE AS OFTEN AS THE WEATHER

Install the combination Vacancy/Photo sensor anywhere on the STRUT system to monitor any area you desire. Using our free WAC app, configure STRUT to automatically adjust lighting based on occupancy of a space, or in Daylight Harvesting Mode to adjust STRUT elements to achieve balanced lighting.

BRIGHTNESS



YOUR ARSENAL

Engineered to North American building and electrical standards, STRUT by WAC supports all of the following UL/cUL dry location listed lighting elements you see here. This is a complete program with Direct, Indirect, Wall Wash, Downlights, Spotlights, and Pendants.

Components and Accessories starting at p.42

DIRECT

A line of light with 3 lumen packages, 4 CCTs, and a flush or regressed option for superior glare control.

p.16-17



INDIRECT

A high output or diffused option for indirect reflected illumination.

p.18-19

STEALTH WALL WASH

Discriminating Wall Wash performance from a sleek package that hides within.

p.20-21



MULTI STEALTH DOWNLIGHTS

Micro size. Low glare reflectors in multiple finishes. Available in 4, 8, and 16 light elements.

p.22-23



STEALTH DOWNLIGHT

The cornerstone of your system. A patent-pending low glare reflector design. Choose from multiple finishes.

p.24-25



STEALTH SILO

Adjustable beam accent light or downlight - change your mind on the fly.

p.26-27



SILO

Superior light output and beam adjustability in a small, unobtrusive design.

p.28-29



FOLLOWME SILO

Finally, a motorized accent light that thinks and communicates.

p.30-31



SILO PENDANT

Our Silo pendant with STRUT for ultimate adjustability.

p.32-33



NIVEOUS

Playful glass orbs in 4 CCTs and 3 hardware finishes.

p.34-35



ELEMENTUM

Opal glass cylinders in 4 CCTs and 3 hardware finishes.

p.36-37



FLARE

Durable aluminum housing and acrylic diffuser provide 360° of even illumination.

p.38-39



VOLO

Volo balances form and function, used individually or in groups.

p.40-41



RECESSED CHANNEL

Use recessed channels to flush with your ceilings and walls, and take advantage of the many discreet elements STRUT has to offer. Mounting hardware is also available, including suspensions that support your system from above the ceiling line.

SUSPENDED CHANNEL

For high ceiling applications, we offer suspended channels with low profile aircraft cables or stem supports. All channels may be field cut.





For the utmost architectural fit and finish, choose recessed trimless channels that install cleanly for that perfect, seamless look.

RECESSED TRIMLESS CHANNEL

Surface mount for lower ceilings. A remote or surface mounted CPU is available to run power. Channel covers in black and white may also be cut to fit to hide gaps between elements.

SURFACE MOUNTED CHANNEL



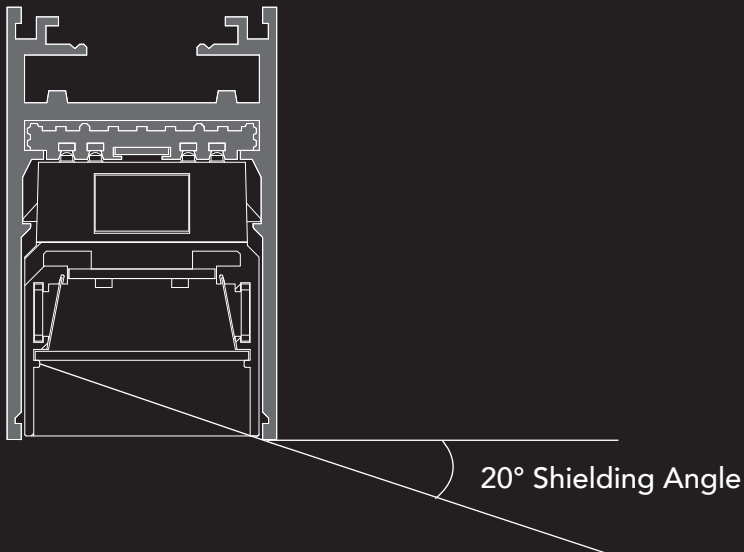
HIGH OUTPUT & REGRESSED DIRECT ELEMENTS

A line of light.

STRUT gives you many options for direct lighting. Flush mount will provide high lumen output and a clean line of light. Regressed elements reduce glare with a deep cutoff. Three power options provide up to 910 lumens per foot.

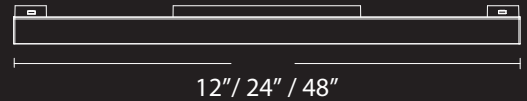
Power:	Up to 53W
Lumens:	Up to 910 lm/ft
Comparable to:	T5HO (using elements at Power Level 3)
Dimming:	100% - 0.1%
Input:	48V DC
Rated Life:	50,000 hours

Direct Regressed Element



DIRECT LINE OF SIGHT

A line of light with a flush to the channel lens or with a 1/2 inch regressed lens for superior glare control.



HIGH OUTPUT DIRECT

System	Model	Length		Power		Max Lumens	Color Temp		CRI	Finish	
S2	DH Direct Flush Lens	12	12"	1	7W	470	F927 2700K F930 3000K F935 3500K F940 4000K	90	BK	Black	
				2	10W	670					
				3	14.5W	910					
		24	24"	1	12.5W	970					
				2	18.5W	1,370					
				3	27W	1,850					
		48	48"	1	24.5W	1,940					
				2	37W	2,740					
				3	53W	3,690					

Example: **S2DH12-1-F930BK**

REGRESSED DIRECT

System	Model	Length		Power		Max Lumens	Color Temp		CRI	Finish	
S2	DR Direct Regressed Lens	12	12"	1	7W	350	F927 2700K F930 3000K F935 3500K F940 4000K	90	BK	Black	
				2	10W	500					
				3	14.5W	690					
		24	24"	1	12.5W	740					
				2	18.5W	1,050					
				3	27W	1,410					
		48	48"	1	24.5W	1,470					
				2	37W	2,090					
				3	53W	2,810					

Example: **S2DR24-1-F930BK**



HIGH OUTPUT & DIFFUSED INDIRECT ELEMENTS

Add another dimension of light.

Indirect lighting can be built into STRUT right in the field. Channels can be field cut and equipped with accessories such as clear and frosted lenses. Three output selections provide up to 840 lumens per foot.

Power:	Up to 48W
Lumens:	Up to 840 lm/ft
Comparable to:	T5HO (using elements at Power Level 3)
Dimming:	100% - 0.1%
Input:	48V DC
Rated Life:	50,000 hours



KEEP IT CLEAN

Optional diffusers minimize glare, widen distribution, and avoid collecting dust on hardware. Perfect for a multistory office or healthcare environment.

THE PERFECT AMBIANCE

Choose indirect lighting for comfortable, reflected illumination. Optional dust cover and lens can be installed where desired.



12" / 24" / 48"


INDIRECT

System	Model	Length		Power		Max Lumens	Color Temp	CRI
S2	ID Indirect	12	12"	1	6W	420	F927 2700K F930 3000K F935 3500K F940 4000K	90
				2	9W	630		
				3	12W	840		
		24	24"	1	12W	850		
				2	18W	1,270		
				3	24W	1,700		
		48	48"	1	24W	1,700		
				2	36W	2,540		
				3	48W	3,390		

Example: **S2ID48-3-F930**

DRIVER (Required per run of Indirect Elements up to 96W max)

Installs in top side of channel to power and provide individual addressability to Indirect Elements.

System	Model	Length		Max Power	Total Length Per Power Supply
 S2	ID Indirect	DR	Driver	96	96W
					16 ft (6W/ft)
					10 ft (9W/ft)
					8 ft (12W/ft)

Example: **S2ID-DR96**

LENS ACCESSORIES

System	Model	Length		Type	
LENS-S2	ID Indirect	96	96"	CL	Clear Lens
				FR	Diffuse Lens

Example: **LENS-S2ID96-CL**

STEALTH WALL WASH

WASH ELEMENTS

Spatial illumination.

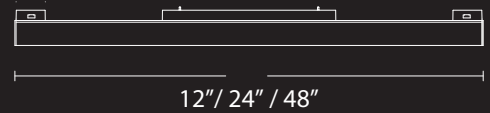
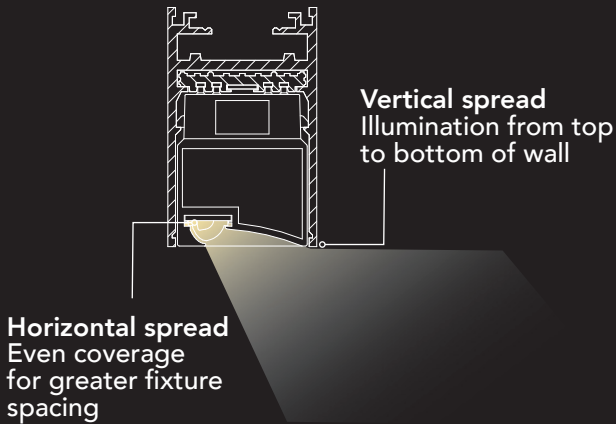
Mounted to a perpendicular surface, our wall wash elements eliminate contrast and provide even illumination on walls or ceilings without glare. Three lumen options provide up to 940 lumens per foot.

Power:	Up to 53W
Lumens:	Up to 940 lm/ft
Comparable to:	T5HO (using elements at Power Level 3)
Dimming:	100% - 0.1%
Input:	48V DC
Rated Life:	50,000 hours



SMOOTH, EVEN DISTRIBUTION

With asymmetrical beam distribution, we've engineered our wall wash fixtures to provide even illumination both horizontally and vertically.



STEALTH WALL WASH

System	Model	Length	Power	Max Lumens	Beam	Color Temp	CRI	Finish					
S2	WW Linear Wall Wash	12	12" 1	7.0W	550	ASY	90	BK Black					
			12" 2	10W	710								
			12" 3	14.5W	940								
		24	24" 1	12.5W	1,020								
			24" 2	18.5W	1,360								
			24" 3	27W	1,900								
		48	48" 1	24.5W	2,000								
			48" 2	37W	2,730								
			48" 3	53W	3,720								
											A927 2700K		
											A930 3000K		
											A935 3500K		
						A940 4000K							

Example: **S2WW12-1-A940BK**

WALL WASH ELEMENT LENGTH / AVERAGE WALL ILLUMINANCE			
8' CEILING		3000K	1', 2', 4'
DISTANCE FROM WALL	3'	Power 1	28 fc
		Power 2	41 fc
		Power 3	55 fc
	4'	Power 1	24 fc
		Power 2	36 fc
		Power 3	48 fc

Data shown represents wall wash fixtures installed end-to-end for most consistent linear performance.



MULTI STEALTH DOWNLIGHTS

DEPTH AND DIMENSION

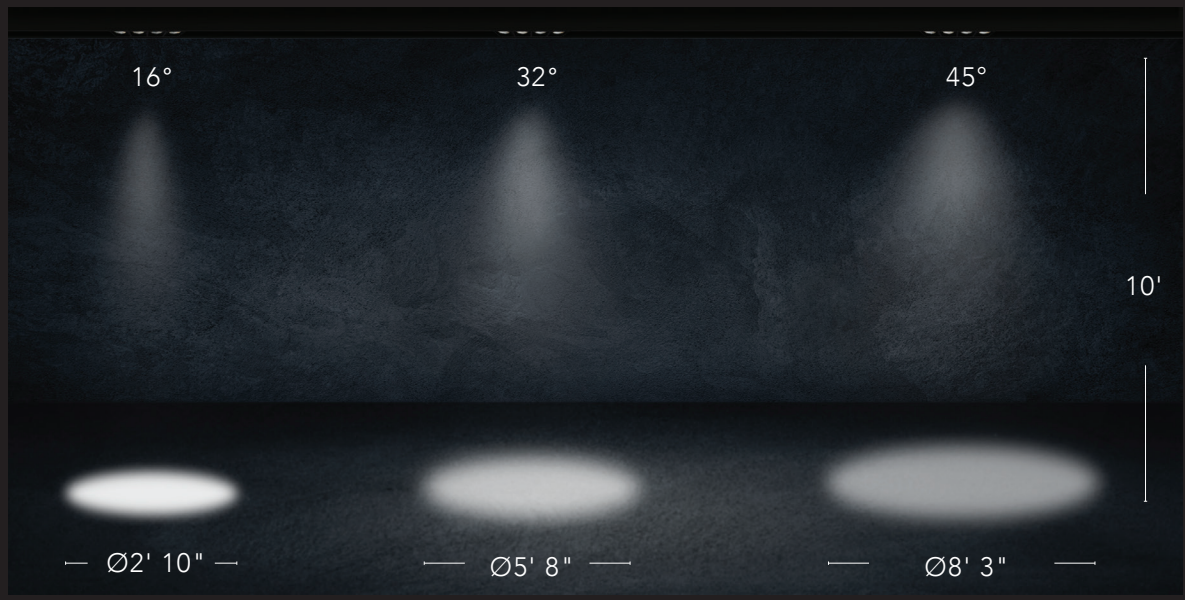
Powerful but discreet contrast illumination.

Our multi stealth downlights feature a quiet aperture for a nearly glare free environment. With multiple lumen packages, beam and finish options, these downlights complement other elements in your STRUT array. Three output selections provide up to 1080 lumens per foot.

Power:	Up to 20.5W
Lumens:	Up to 1,080 lm/ft
Dimming:	100% - 0.1%
Input:	48V DC
Rated Life:	50,000 hours

QUIET CEILING

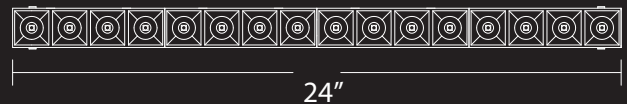
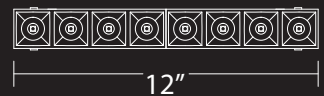
A circular blanket of coverage in a single size downlight, all while keeping the glare so low, you won't even know where the light is coming from. Reference: 6" Stealth Multi Downlight (Power Level 3)





SMALL, BUT MIGHTY

These tiny downlights work together to provide a beautiful, even glow. Try to find any sign of glare, and maybe you'll get close enough to see where the light is coming from.



MULTI STEALTH DOWNLIGHTS

Model	Size	# of Lights	Power	Max Lumens	Max CBCP	Beam	Color Temp	CRI	Finish	
S2 MD06	6"	4	1	3.5W	280	1,370	S 16°	927 2700K	90	BK Black
			2	5.0W	420	2,050	N 32°	930 3000K		CH Chrome
			3	6.0W	510	2,900	F 45°	935 3500K 940 4000K		GL Gold HZ Haze
S2 MD12	12"	8	1	5.5W	550	2,780	S 16°	927 2700K	90	BK Black
			2	8.0W	820	4,260	N 32°	930 3000K		CH Chrome
			3	10.5W	1080	5,490	F 45°	935 3500K 940 4000K		GL Gold HZ Haze
S2 MD24	24"	16	1	10W	1080	5,410	S 16°	927 2700K	90	BK Black
			2	15.5W	1660	7,440	N 32°	930 3000K		CH Chrome
			3	20.5W	2130	10,230	F 45°	935 3500K 940 4000K		GL Gold HZ Haze

Example: **S2MD12-1-F930BK**

REPLACEMENT TRIMS

- Black Trim 6" **REF-S2MD06-BK**
- Chrome Trim 6" **REF-S2MD06-CH**
- Gold Trim 6" **REF-S2MD06-GL**
- Haze Trim 6" **REF-S2MD06-HZ**

BLACK



CHROME



GOLD



HAZE





STEALTH DOWNLIGHT

CONTRAST ELEMENT

Ample comfortable illumination.

Installed anywhere along a channel or side by side in pairs, Stealth Downlights provide clear, task illumination with virtually no glare. Finish options complement other elements in your STRUT array, and field changeable optics and trims add another level of design customization.

Power:	8.5W
Lumens:	Up to 650 lm
Comparable to:	50W MR16
Dimming:	100% - 0.1%
Input:	48V DC
Rated Life:	50,000 hours

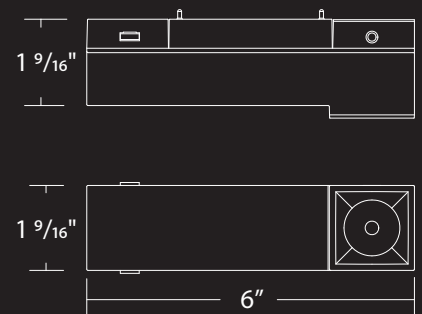
ONE OR TWO OR MORE

Add multiple downlights side by side or anywhere along your STRUT system.



DESIGNER OPTICS

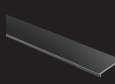
A patent-pending reflector curve for glare control and a variety of luxurious finishes customize to each design.



STEALTH DOWNLIGHT

System	Model	Power	Beam	Color Temp	CRI	Max Lumens	Max CBCP	Finish
S2	SD-1	8.5W	S 19°	927 2700K	90	650	2720	BK Black
			N 32°	930 3000K				CH Chrome
			F 50°	935 3500K				GL Gold
				940 4000K				HZ Haze

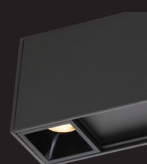
Example: **S2SD-1-S930BK**

	Channel Cover 8ft 8ft length may be field cut, Suitable for top or bottom channel coverage.	S2C-COV08	BK WT	Black White
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REPLACEMENT TRIMS

Black Trim	REF-S2SD02-BK
Chrome Trim	REF-S2SD02-CH
Gold Trim	REF-S2SD02-GL
Haze Trim	REF-S2SD02-HZ

BLACK



CHROME



GOLD



HAZE



STEALTH SILO

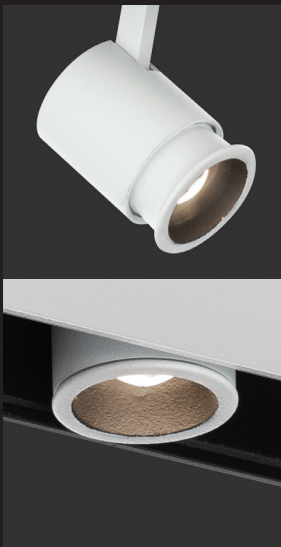
UNMATCHED VERSATILITY

Accent light or downlight - change your mind on the fly.

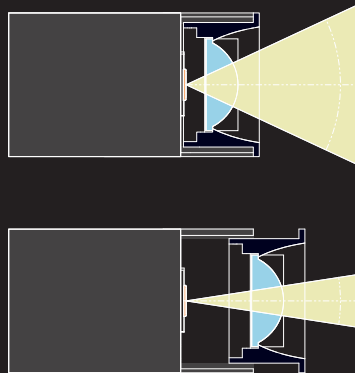
These luminaires can be used as accent lights or downlights. With beam shaping options between 15° and 50°, and a variety of available glare control accessories, these Stealth Silo elements are truly dynamic.

Power:	6.5W
Lumens:	Up to 430 lm
Comparable to:	35W MR11
Dimming:	100% - 0.1%
Input:	48V DC
Rated Life:	50,000 hours

RETRACTABLE

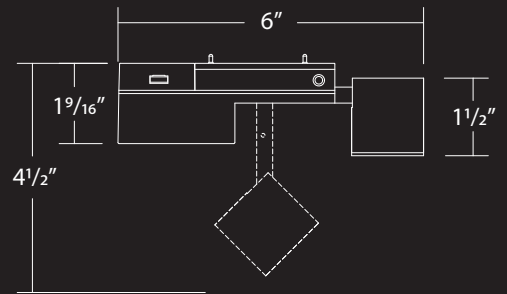


ADJUSTABLE 15°-50°



BOTH.

These accent lights fully retract within STRUT channels for a downlight configuration. 90° vertical and 360° horizontal aiming, with a continuously adjustable beam angle between 15°-50°.



STEALTH SILO

System	Model	Power	Beam	Color Temp	CRI	Max Lumens	Max CBCP	Finish			
S2	SS	1	6.5W	15°-50°	927	2700K	90	430	2,320	BK Black	WT White
					930	3000K					
					935	3500K					
					940	4000K					

Example: **S2SS-1-930BK**

Accessories: Accepts glare control accessory

ACCESSORY HOLDER

sold separately

LENS-S211-HLD-BK
LENS-S211-HLD-WT

Required for use with any accessory

GLARE CONTROL ACCESSORIES

sold separately

Honeycomb Louver

LENS-11-HCM

Cross Louver

LENS-11P-CRL-BK
LENS-11P-CRL-WT

Snoot

LENS-11-SNOOT-BK
LENS-11-SNOOT-WT



SILO

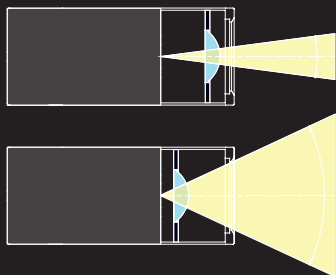
DYNAMIC FOCUS & FIXED BEAM

Superior light output in a small, unobtrusive design.

Adjustable accent elements with your choice of 15°-40° dynamic focus or Fixed Beam high lumen output elements at 15° Spot, 25° Narrow Flood, or 35° Flood with TIR lenses. Glare control and lens accessories give you even greater control.

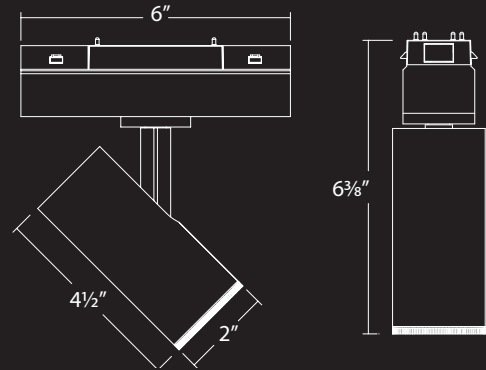
Power:	15W
Lumens:	Up to 1,160 lm
Comparable to:	75W MR16
Dimming:	100% - 0.1%
Input:	48V DC
Rated Life:	50,000 hours

Continuously adjustable beam angles from 15° to 40°



SHAPE YOUR BEAM

With 90° vertical and 360° horizontal aiming, and a continuously adjustable beam angle from 15°-40°, you've got options.



ADJUSTABLE SPOT LIGHT

System	Model	Power	Beam	Color Temp	CRI	Max Lumens	Max CBCP	Finish
S2	SA	1 15W	15° - 40°	927 2700K	90	750	1920	BK Black WT White
				930 3000K				
				935 3500K				
				940 4000K				

Example: **S2SA-1-930BK**

Accessories: Accepts one lens or glare control accessory

FIXED BEAM SPOT LIGHT

System	Model	Power	Beam	Color Temp	CRI	Max Lumens	Max CBCP	Finish
S2	SA	1 15W	S 15°	927 2700K	90	1,160	8,080	BK Black WT White
			N 25°	930 3000K				
			F 35°	935 3500K				
				940 4000K				

Example: **S2SA-1-S930BK**

Accessories: Accepts one lens or glare control accessory

LENS ACCESSORIES

sold separately

Amber	LENS-11-AMB
Blue	LENS-11-BLU
Green	LENS-11-GRN
Red	LENS-11-RED
Frosted	LENS-11-FR
Spread	LENS-11-SPR
Beam Elongating	LENS-11-BEL

GLARE CONTROL ACCESSORIES

sold separately

Honeycomb Louver	LENS-11-HCM
Cross Louver	LENS-11P-CRL-BK LENS-11P-CRL-WT
Snoot	LENS-11-SNOOT-BK LENS-11-SNOOT-WT



FOLLOWME SILO MOTORIZED ELEMENT

A smart responsive moving spotlight.

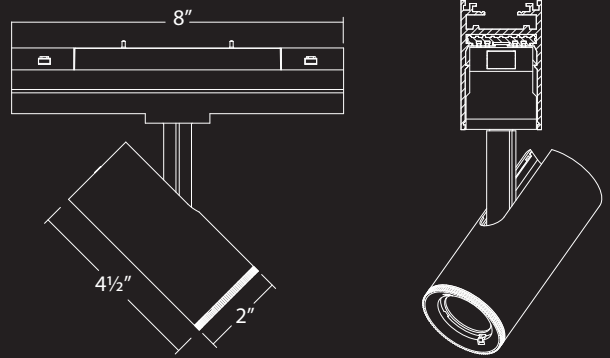
This smart tracking adjustable spotlight is the final touch to getting the most out of your intelligent STRUT system. Wireless 360° panning, 0-90° tilting, and 15-40° beam angle adjustment. Glare control and lens accessories are also available for even more control.

Power:	15W
Lumens:	Up to 710 lm
Comparable to:	65W MR16
Dimming:	100% - 0.1%
Input:	48V DC
Rated Life:	50,000 hours



NO LADDER REQUIRED

FOLLOWME SILO features automated beam adjustment, motorized head adjustment, and a multitude of accessories. It coordinates with a patent-pending beacon to be even more user friendly.



FOLLOWME SILO

System	Model	Power	Beam	Color Temp	CRI	Max Lumens	Max CBCP	Finish
S2	FM	1	15W 15° - 40°	927 2700K	90	710	7,520	BK Black WT White
				930 3000K				
				935 3500K				
				940 4000K				

Example: **S2FM-1-927BK**

Accessories: Accepts one lens or glare control accessory

OPTIONAL BEACON ACCESSORY

sold separately

S2	FM	BEA	BK Black
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Example: **S2FM-BEA-BK**

LENS ACCESSORIES

sold separately

Amber	LENS-11-AMB
Blue	LENS-11-BLU
Green	LENS-11-GRN
Red	LENS-11-RED
Frosted	LENS-11-FR
Spread	LENS-11-SPR
Beam Elongating	LENS-11-BEL

GLARE CONTROL ACCESSORIES

sold separately

Honeycomb Louver	LENS-11-HCM
Cross Louver	LENS-11P-CRL-BK LENS-11P-CRL-WT
Snoot	LENS-11-SNOOT-BK LENS-11-SNOOT-WT

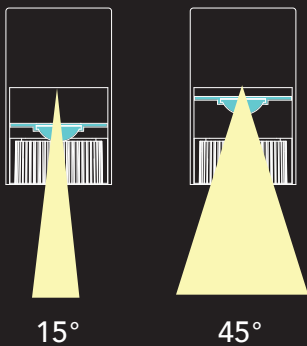
SILO PENDANT

12" & 14" CYLINDERS

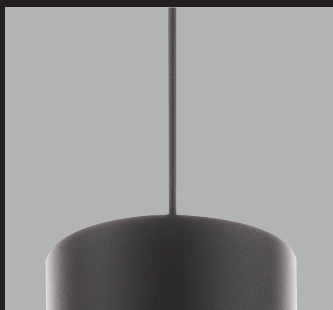
Combining our beloved Silo adjustable beam pendant with STRUT system.

A technical, high-performing pendant that offers dynamic height adjustment and beam shaping from 15° – 45°. Available in Black or White cylinders, choose from 2 sizes and 3 finishes for the retractable accent collar.

Power:	Up to 20W
Lumens:	Up to 1,170lm
Dimming:	100% - 0.1%
Input:	48V DC
Rated Life:	50,000 hours



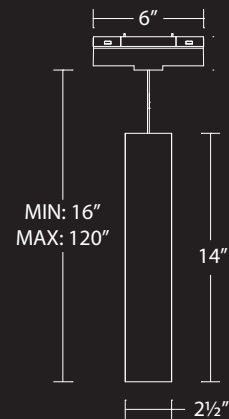
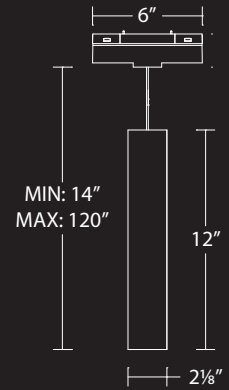
Shape beam from 15° to 45°



Suspension cable retracts inside fixture body for precise height adjustment.

SLEEK, FULLY ADJUSTABLE DESIGN

Available in multiple finishes, Silo features a retracting accenting collar, effortless height adjustment, and continuous 15°-45° beam angle selection.




SILO PENDANTS

System	Model	Power	Size	Beam	Color Temp	CRI	Max Lumens	Max CBCP	Finish	Body/Collar
S2	PD01	15W	1 12"	15° - 45°	927	90	760	3,220	BK BK	Black/Black
					930				BK GL	Black/Gold
					935				BK WT	Black/White
					940				WT BK	White/Black
									WT GL	White/Gold
									WT WT	White/White
S2	PD01	20W	2 14"	15° - 45°	927	90	1,170	6,560	BK BK	Black/Black
					930				BK GL	Black/Gold
					935				BK WT	Black/White
					940				WT BK	White/Black
									WT GL	White/Gold
									WT WT	White/White

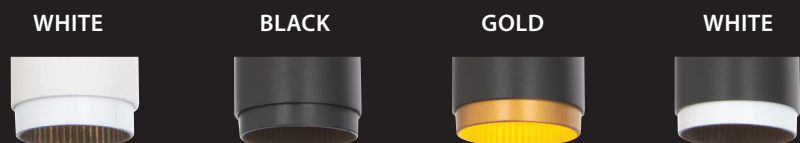
Example: **S2PD01-1-927BK BK**

REPLACEMENT COLLARS

PD01-1 Black Collar	M2015-C-BK
PD01-1 Gold Collar	M2015-C-GL
PD01-1 White Collar	M2015-C-WT
PD01-2 Black Collar	M2020-C-BK
PD01-2 Gold Collar	M2020-C-GL
PD01-2 White Collar	M2020-C-WT

Hook	System	Size	Model	Finish
	S2	1" x 1 1/2"	PD-HOOK	BK WT Black White

Example: **S2PD-HOOK-BK**



NIVEOUS PENDANT

LUMINOUS ORB ELEMENT

Add a playful element to the design with our Niveous pendant. Etched opal glass in a perfect sphere, Niveous provides ample ambient illumination. All STRUT pendant elements are offered in 2700K, 3000K, 3500K, and 4000K for design continuity with other light sources within the system.



Power:	Up to 14W
Lumens:	Up to 1,400 lm
Dimming:	100% - 0.1%
Input:	48V DC
Rated Life:	50,000 hours

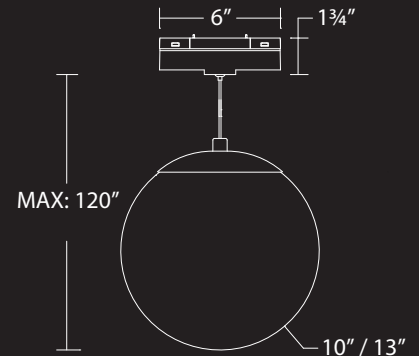
For precise height adjustment, suspension cable retracts 6" inside fixture adapter.





SIMPLE PURITY

With flawless etched triplex opal mouthblown glass, Niveous achieves a perfect sphere of even illumination.




NIVEOUS PENDANTS

System	Model	Size	Power	Color Temp	CRI	Max Lumens	Finish			
S2	PD02	2	10"	11W	927	2700K	90	1,140	BK	Black
					930	3000K				
					935	3500K				
					940	4000K				
S2	PD02	3	13"	11W	927	2700K	90	1,140	BK	Black
					930	3000K				
					935	3500K				
					940	4000K				

Example: **S2PD02-2-927BK**

Optional hook is available to suspend pendants apart from the architectural channels.

Hook	System	Size	Model	Finish
	S2	1"x1 1/2"	PD-HOOK	BK WT Black White

Example: **S2PD-HOOK-BK**

ELEMENTUM PENDANT LUMINOUS LED CYLINDER

Perfect for drawing attention to areas central to interaction, be it a retail cashier counter, a registration desk, or a collaborative workspace. Evenly lit etched opal glass in coordinating color temperatures and 90 CRI. The aluminum hardware is available in either Black, White or Satin Nickel to complement interior finishes.

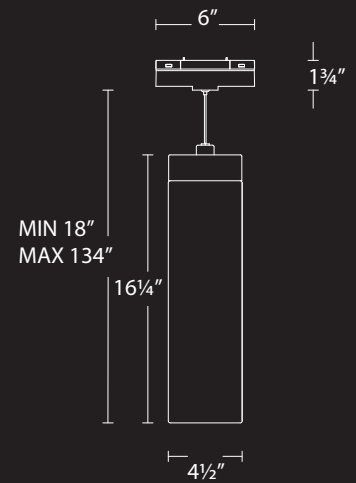
Power:	20W
Lumens:	Up to 1,300lm
Dimming:	100% - 0.1%
Input:	48V DC
Rated Life:	50,000 hours

For precise height adjustment, suspension cable retracts 6" inside fixture adapter.



LIGHT AND STYLE

Elementum features an aluminum construction and an etched opal glass diffuser that provides even illumination.




ELEMENTUM PENDANTS

System	Model	Size	Power	Color Temp	CRI	Max Lumens	Finish			
S2	PD03	2	4 1/2" x 16 1/4"	18W	927	2700K	90	1,780	BK	Black
					930	3000K			SN	Satin Nickel
					935	3500K			WT	White
					940	4000K				

Example: **S2PD03-2-927BK**



Optional hook is available to suspend pendants apart from the architectural channels.

Hook	System	Size	Model	Finish	
	S2	1" x 1 1/2"	PD-HOOK	BK WT	Black White

Example: **S2PD-HOOK-BK**

FLARE PENDANT

PILLARS OF LIGHT

Symmetrical, cylindrical and aerodynamic. A durable aluminum housing and acrylic diffuser provide 360 degrees of even illumination. Flare is right at home in your STRUT array, whether alone or in multiples.

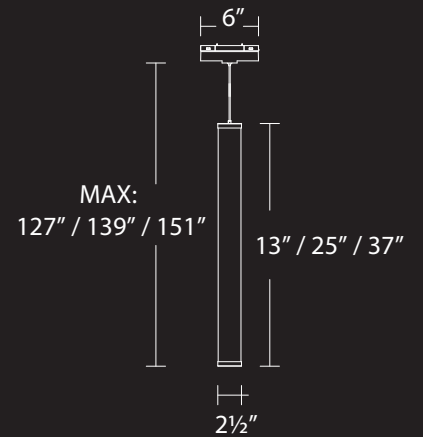
Power:	Up to 37W
Lumens:	Up to 2,640lm
Dimming:	100% - 0.1%
Input:	48V DC
Rated Life:	50,000 hours

For precise height adjustment, suspension cable retracts 6" inside fixture adapter.



LUMINOUS OPTIONS

Symmetrical, cylindrical and aerodynamic.




FLARE PENDANTS

System	Model	Size	Power	Color Temp	CRI	Max Lumens	Finish			
S2	PD04	1 13"	9W	930	3000K	90	590	BK	Black	
		2 25"	23W							1,270
		3 37"	32W							
								BN	Brushed Nickel	

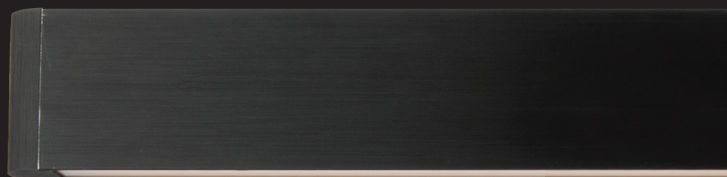
Example: **S2PD04-1-930BK**

Optional hook is available to suspend pendants apart from the architectural channels.

Hook	System	Size	Model	Finish
	S2	1"x1 1/2"	PD-HOOK	BK WT Black White

Example: **S2PD-HOOK-BK**

VOLO PENDANT

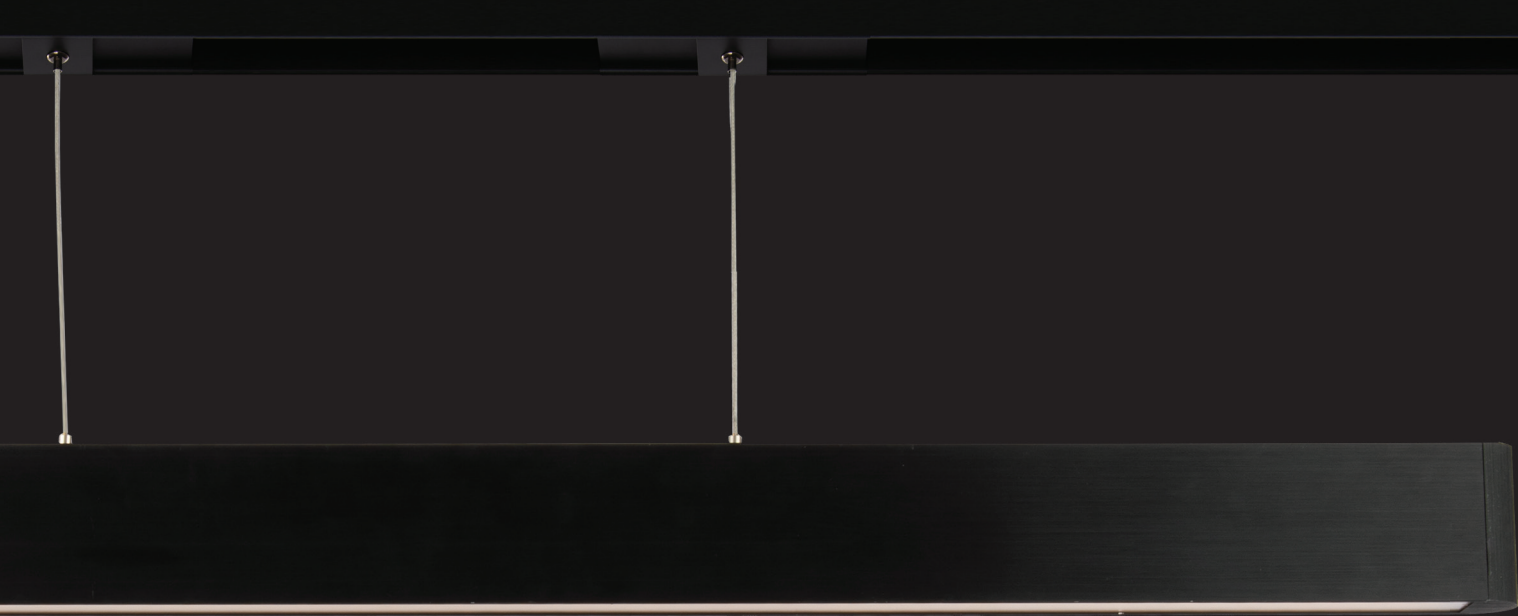


Sleek, linear and minimalist. An extruded aluminum body enables superior light output from evenly diffused LEDs for generous task illumination. Volo balances form and function, used individually or in groups. Field adjustable suspension cables. Dims beautifully.

Power:	Up to 30W
Lumens:	Up to 1,740lm
Dimming:	100% - 0.1%
Input:	48V DC
Rated Life:	50,000 hours

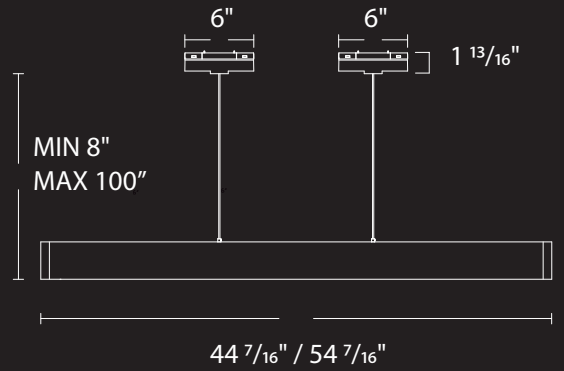
For precise height adjustment, suspension cable retracts 6" inside fixture adapter.





WISHFUL LIGHTING

Ultra thin pendant for the discerning minimalist




VOLO PENDANTS

System	Model	Size	Power	Color Temp	CRI	Max Lumens	Finish		
S2	PD05	1 44"	18W	927	2700K	90	1,590	AL	Brushed Aluminum Black
				930	3000K			BK	
				935	3500K				
				940	4000K				
S2	PD05	2 54"	25W	927	2700K	90	2,070	AL	Brushed Aluminum Black
				930	3000K			BK	
				935	3500K				
				940	4000K				

Example: **S2PD05-1-927BK**

Optional hook is available to suspend pendants apart from the architectural channels.

Hook	System	Size	Model	Finish
	S2	1"x1 1/2"	PD-HOOK	BK WT Black White

Example: **S2PD-HOOK-BK**

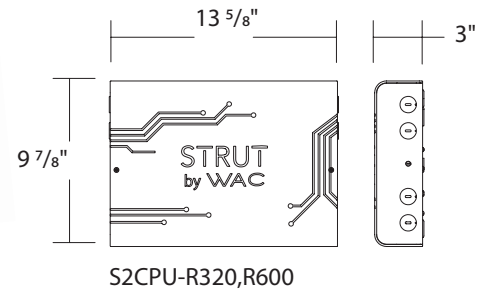
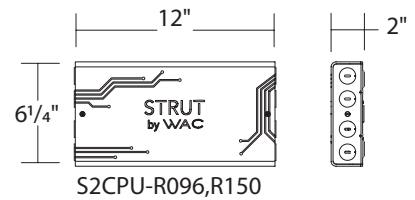
CPU CONNECTED POWER UNIT

ENERGIZE

Accepts input ranges of 120-277V AC, and converts to a stable 48V DC output. Available in various wattages up to 600W to best accommodate system sizes and run lengths. Fixture drivers intelligently correct for minimum load or voltage drop concerns.

THE BRAINS AND THE BRAWN

The Connected Power Unit (CPU) is the powerhouse of your STRUT system. It manages every aspect of STRUT and seamlessly integrates with smart systems you already own. A simple set up using our app for IOS or Android gets you online quickly and easily.



REMOTE CPU	System	Model	Power	Control Protocol		Finish
Suspended Channels Surface Channels Recessed Channels	S2CPU	R	096 96W Hardwired	S X	0-10V, ELV, and TRIAC DMX, 0-10V, ELV and TRIAC	BK Black
			096P 96W Portable (6' Cord & Plug included)			
			150 150W Hardwired			
			150P 150W Portable (6' Cord & Plug included)			
			320 320W Hardwired			
			320P 320W Portable (6' Cord & Plug included)			
			600 600W Hardwired			
			600P 600W Portable (6' Cord & Plug included)			

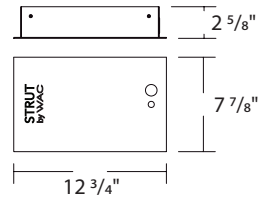
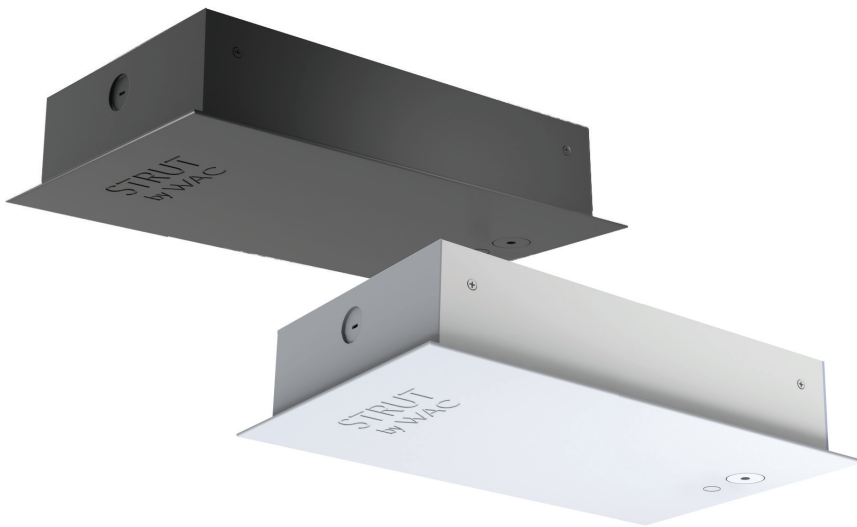
Example: **S2CPU-R150-X-BK**

INTELLIGENCE

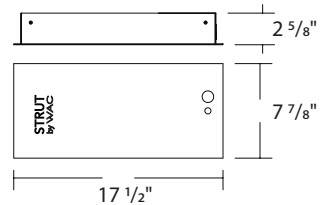
STRUT CPU enables 0-10V, ELV, TRIAC, and DMX dimming support for interfacing with control systems. Wireless communication to our app also allows users to control and group individual lighting and sensor elements in the STRUT system.

INSTALLATION

Install remotely or locally to either surface mounted or suspended STRUT system. Designed to seamlessly coordinate with system aesthetics.



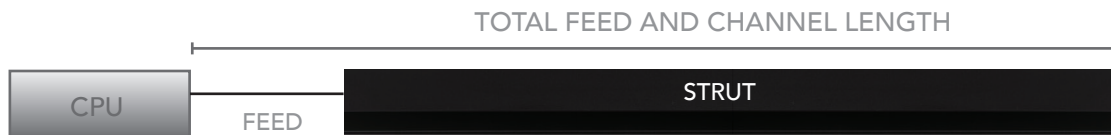
S2CPU-S096, S150, S320



S2CPU-S600

SURFACE MOUNT CPU	System	Model	Power	Control Protocol	Finish
Suspended Channels Surface Channels	S2CPU	S	096 96W	S X	0-10V, ELV, and TRIAC DMX, 0-10V, ELV and TRIAC
			150 150W		
			320 320W		
			600 600W		
					BK Black WT White

Example: **S2CPU-S320-S-WT**



CONNECTED POWER UNIT RANGE				
POWER SUPPLY	96W	150W	320W	600W
TOTAL FEED AND CHANNEL LENGTH	200 ft	200 ft	200 ft	100 ft

Note: To meet EMC requirements, recommended for 150W, 320W, 600W total system power should be between 50%-95% of the CPU's capacity. Above calculations based on 12 AWG power wires and 16 AWG data wires.

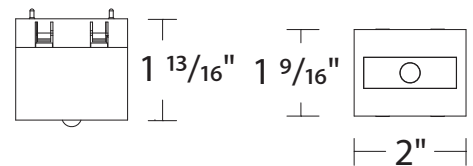


VACANCY/PHOTO SENSOR

Two devices in one. A vacancy sensor tuned for human detection in a space and a state-of-the-art ambient light sensor combined in one discreet package that uses the STRUT wired communications to relay information back to the CPU. Installs anywhere within the system irrespective of the elements it will be controlling. Pair after installation. 360° coverage and range up to 23 feet with a 95° detection pattern. Sensitivity can be adjusted in the WAC app.



S2SN-1-BK



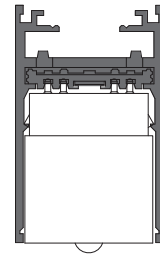
DAY AND NIGHT

Perfect for open office designs and other community spaces, STRUT incorporates combination vacancy/photo sensors to maximize daylight harvesting and reduce energy consumption.

Working late? STRUT can also give each occupant control over their own task lighting with SILO Adjustable pendants while integrating illumination of pathways and common areas with layered lighting.

SENSOR

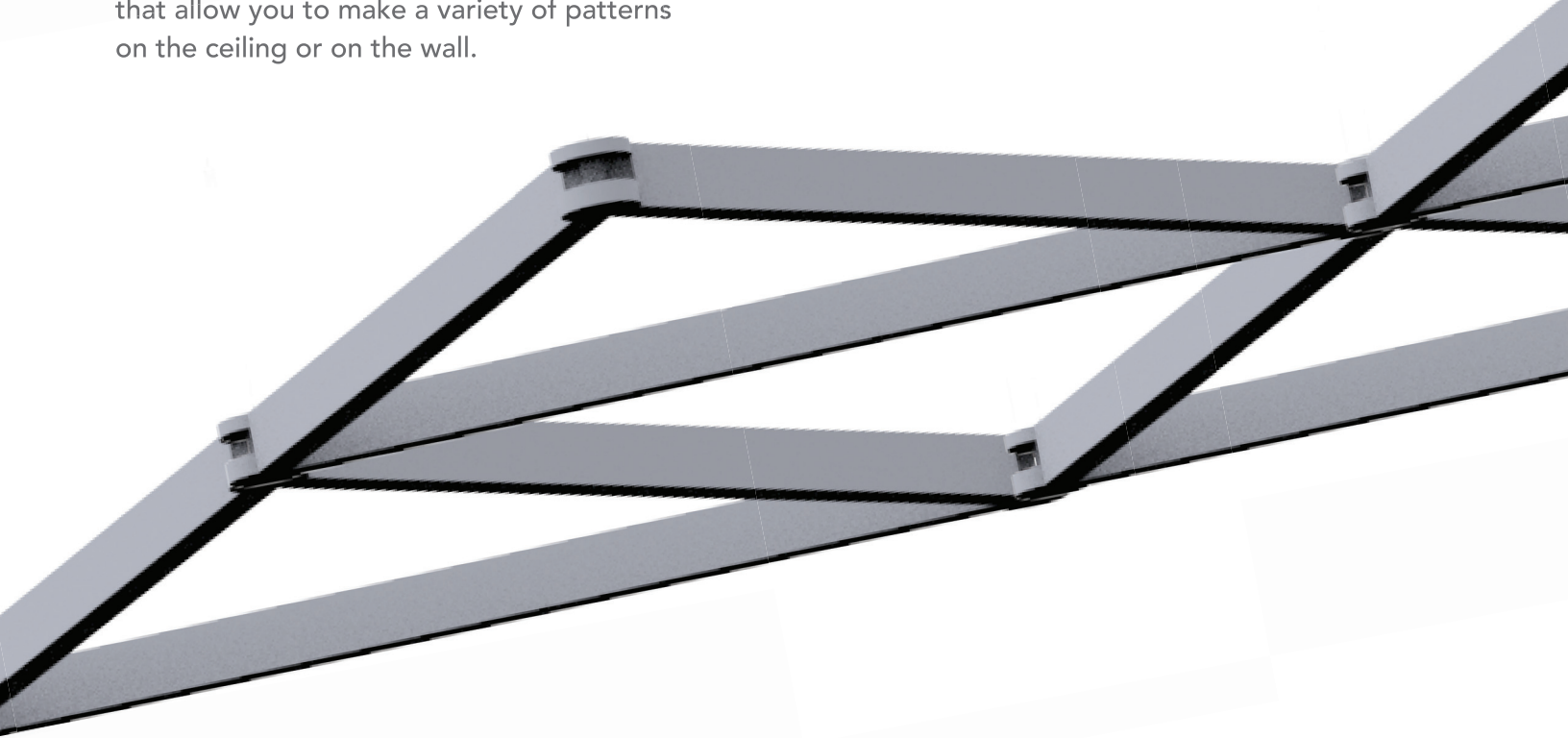
<i>Vacancy and Photo sensor</i>	S2SN-1	BK <i>Black</i>
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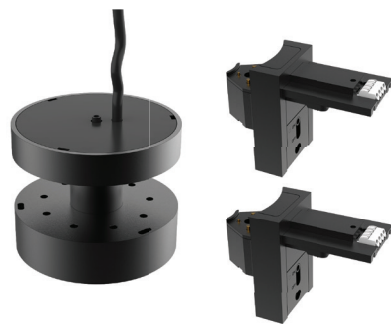
TRIG

MAKE PATTERNS AS UNIQUE AS YOU

There's no need to order complicated connectors. Our TRIG hub system features six connection points that allow you to make a variety of patterns on the ceiling or on the wall.



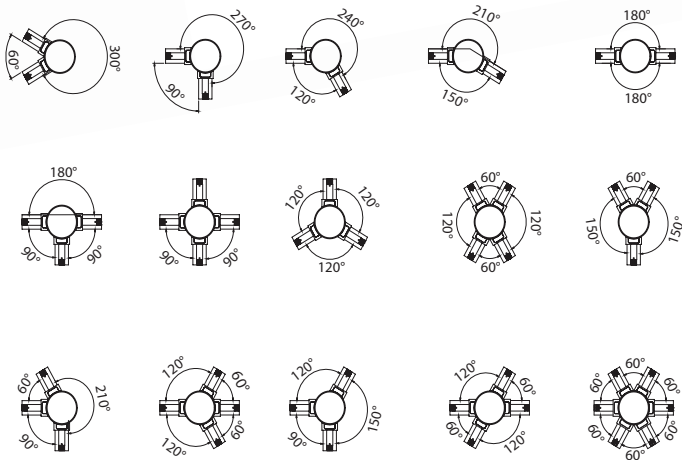
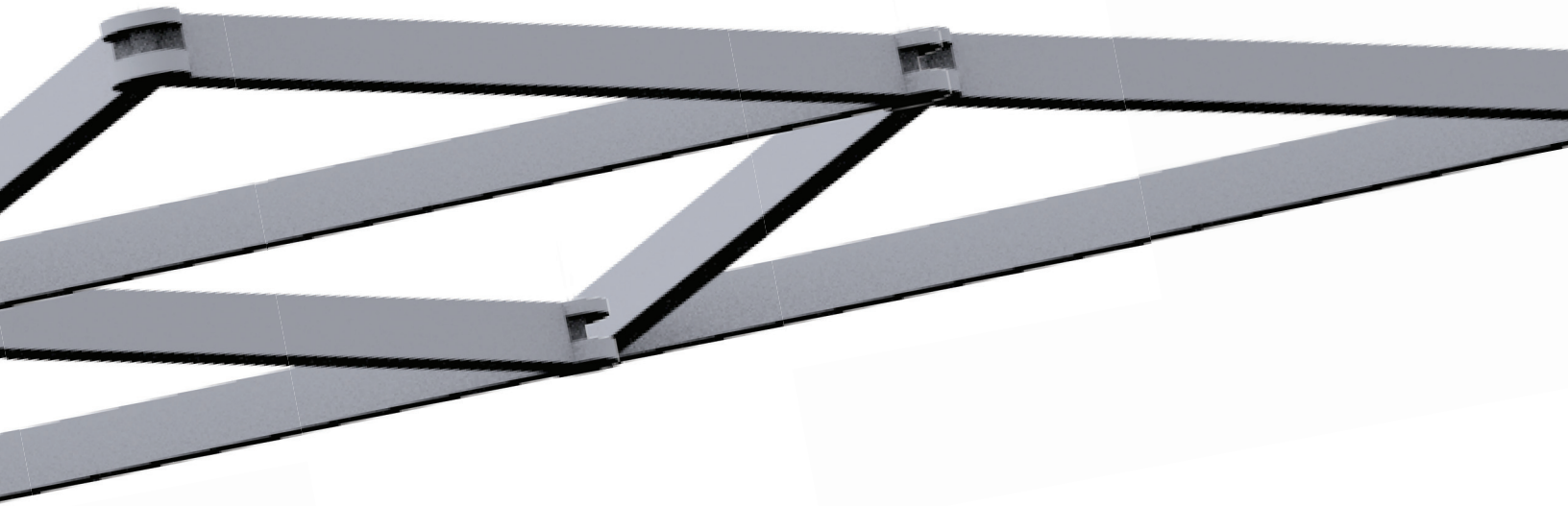
Create your own unique patterns in a space without having to worry about dissonance. TRIG connectors have a switch to maintain pattern polarity. All of our components are engineered to work in perfect harmony with one another.



I-CONNECTOR






Power Feeds connect on top of the channel for uninterrupted runs.





Add up to 6 connectors to fully customize your pattern.

CONNECTORS

	<p>Trig with Feed Includes 96in feed wire, and 2 channel connectors. Suspension Hardware sold separately. Aircraft cable only.</p>	<p>S2CPS-FTRIG</p>	<p>BK Black WT White</p>
	<p>Trig Includes 2 channel connectors. Suspension Hardware sold separately. Stem and Aircraft cable compatible.</p>	<p>S2CPS-TRIG</p>	<p>BK Black WT White</p>
	<p>Adapter Additional Trig connectors</p>	<p>S2CPS-NADP</p>	<p>BK Black WT White</p>
	<p>I Connector Joins two sections of channel with electrical continuity</p>	<p>S2CP-I</p>	<p>BK Black WT White</p>
	<p>Dead I Connector Joins two sections of channel without electrical continuity</p>	<p>S2C-ID</p>	<p>BK Black WT White</p>

Dead I Connector available for separating power and data lines while keeping mechanical connection.

STRUT

RECESSED TRIM CHANNEL

BUILD IT

CHOOSE YOUR CHANNELS AND CONNECTORS

- Power feed from feed end channel to energize your run.
- Support Strut with screws into rear blocking, 1/4"-20 tie rod (by others), or stem or aircraft cables to plenum ceiling. Minimum two supports per 4ft section. Minimum three supports per 8ft and 12ft section.
- For patterns, choose L, T, X, or corners.

Note: STRUT is field cut at end of run. For patterns and custom length channels, consult factory.

CHOOSE YOUR ELEMENTS

- Refer to element specifications to appropriately select elements.
- Total the wattage of the system.

CHOOSE YOUR CONNECTED POWER UNIT (CPU)

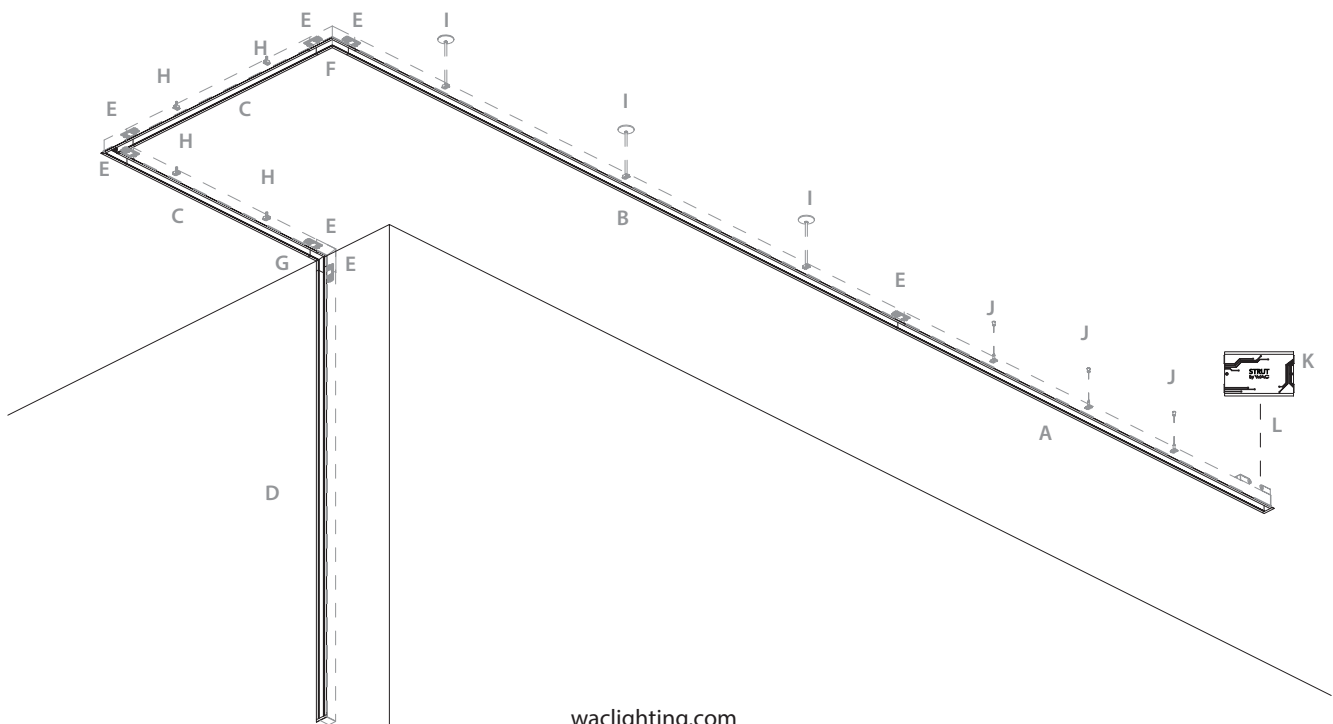
- Select remote mount CPU.
- Select appropriate wattage based on total system wattage.

Note: recommended sizing up as feasible for increased system capability.

ACCESSORIZE

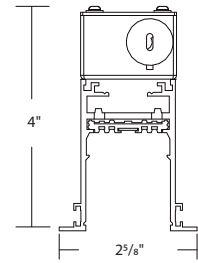
- Add channel covers, lenses, or glare control accessories as desired.

A	S2CT08-FE	8FT FEED END RECESSED CHANNEL	G	S2CT-IC	RECESSED INSIDE CORNER
B	S2CT12	12FT RECESSED CHANNEL	H	S2CR-CLIP	1/4"-20 TIE ROD MOUNTING CLIP
C	S2CT04	4FT RECESSED CHANNEL	I	S2C-S96	STEM SUSPENSION
D	S2CT08	8FT RECESSED CHANNEL	J	S2C-C96	CABLE SUSPENSION
E	S2CSR-I	I CONNECTOR	K	S2CPU-R320-S-BK	REMOTE CPU
F	S2CT-L	RECESSED L CONNECTOR	L	BY OTHERS	FIELD WIRING TO CPU



POWER FEED END RECESSED CHANNELS WITH TRIM

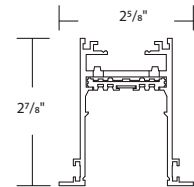
System	Model	Description	Finish
S2	CT04-FE	4 ft Trim Recessed Feed End	BK Black WT White
	CT08-FE	8 ft Trim Recessed Feed End	
	CT12-FE	12 ft Trim Recessed Feed End	
		Required Power Feed Run Connected Power Unit Required See page 41 (sold separately)	



Example: **S2CT04-FE-BK** Each section comes with two matching end caps and may be cut at end run.


RECESSED CHANNELS WITH TRIM

System	Model	Description	Finish
S2	CT04	4 ft Trim Recessed Channel	BK Black WT White
	CT08	8 ft Trim Recessed Channel	
	CT12	12 ft Trim Recessed Channel	
		To extend channel runs after feed end	











Example: **S2CT08-BK** Each section comes with two matching end caps and may be cut at end run.

CHANNEL COVER

	Channel Cover 8ft 8ft length may be field cut, Suitable for top or bottom channel coverage.	S2C-COV08	BK Black WT White
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CONNECTORS

Accessories	System	Finish
 I Connector Joins two sections of channel with electrical continuity	S2CSR-I	BK Black
 Dead I Connector Joins two sections of channel without electrical continuity	S2C-ID	BK Black
 End Cap Additional end cap	S2CT-EC	BK Black WT White
 L Connector Use to join two sections 90°.	S2CT-L	BK Black WT White
 T Connector Use to join three sections.	S2CT-T	BK Black WT White
 X Connector Use to join four track sections	S2CT-X	BK Black WT White
 Inside Corner Joins ceiling to wall sections	S2CT-IC	BK Black WT White
 Outside Corner Joins wall to wall sections	S2CT-OC	BK Black WT White

SUSPENSION HARDWARE

Accessories	System	Finish
 Mount Clip Support recessed channel with 1/4 - 20 threaded rod (rod by others)	S2CR-CLIP	BK Black
 Cable Suspension Support Recessed Channel from plenum ceiling Includes 96in aircraft cable; may be field cut	S2C-C96	BK Black
 Stem Suspension Support Recessed Channel from plenum ceiling Includes two 48in stem; may be field cut	S2C-S96	BK Black
 Suspension Loop Mechanical loop Supports up to 15 lb	S2C-LOOP	BK Black

STRUT

RECESSED TRIMLESS CHANNEL

BUILD IT

CHOOSE YOUR CHANNELS AND CONNECTORS

- Power feed from feed end channel to energize your run.
- Support Strut with screws into rear blocking, 1/4"-20 tie rod (by others), or stem or aircraft cables to plenum ceiling. Minimum two supports per 4ft section. Minimum three supports per 8ft and 12ft section.
- For patterns, choose L, T, X, or corners.

Note: STRUT is field cut at end of run. For patterns and custom length channels, consult factory.

CHOOSE YOUR ELEMENTS

- Refer to element specifications to appropriately select elements.
- Total the wattage of the system.

CHOOSE YOUR CONNECTED POWER UNIT (CPU)

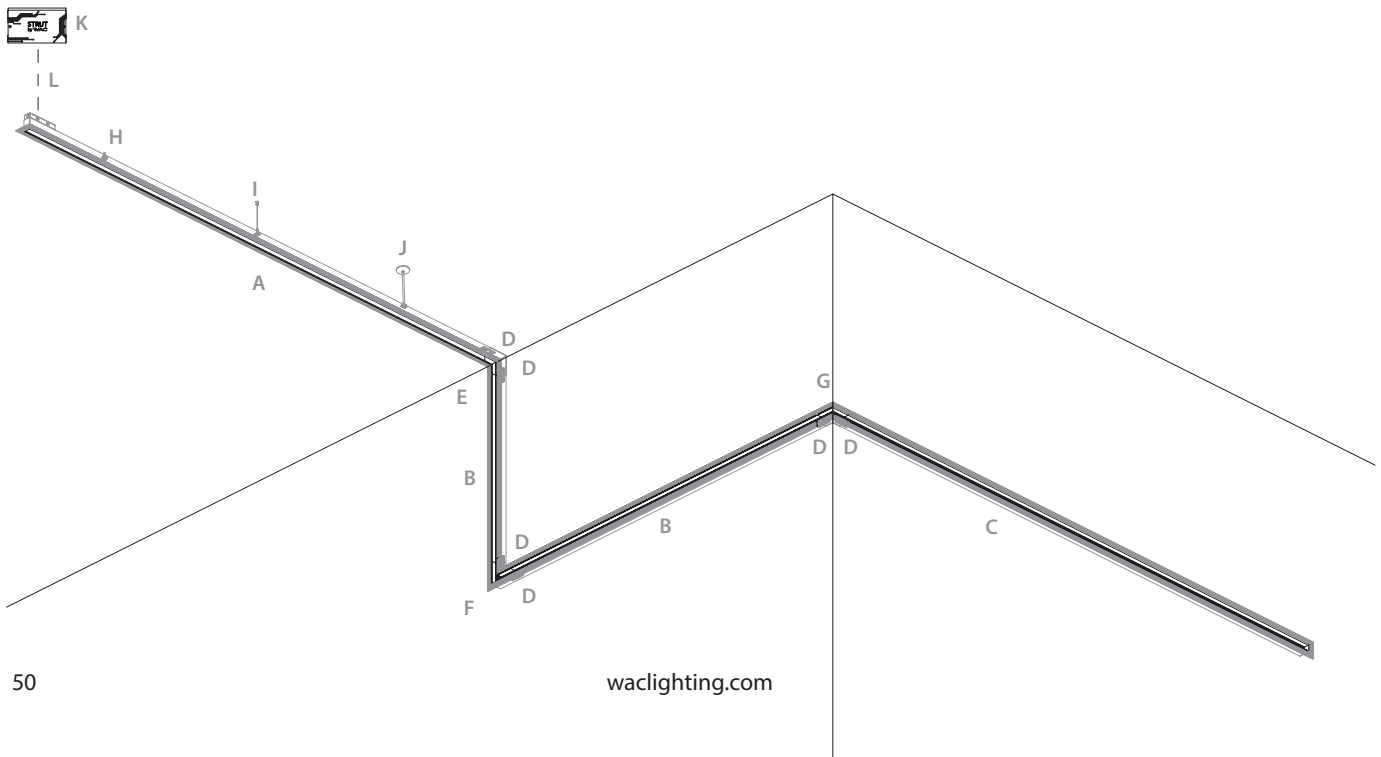
- Select remote mount CPU.
- Select appropriate wattage based on total system wattage.

Note: recommended sizing up as feasible for increased system capability.

ACCESSORIZE

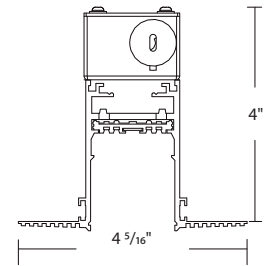
- Add channel covers, lenses, or glare control accessories as desired.

A	S2CL08-FE	8FT FEED END RECESSED TRIMLESS CHANNEL	G	S2CL-OC	RECESSED TRIMLESS OUTSIDE CORNER
B	S2CL04	4FT RECESSED TRIMLESS CHANNEL	H	S2CR-CLIP	1/4"-20 TIE ROD MOUNTING CLIP
C	S2CL08	8FT RECESSED TRIMLESS CHANNEL	I	S2C-C96	CABLE SUSPENSION
D	S2CSR-I	I CONNECTOR	J	S2C-S96	STEM SUSPENSION
E	S2CL-IC	RECESSED TRIMLESS INSIDE CORNER	K	S2CPU-R600-S-BK	REMOTE CPU
F	S2CL-L	RECESSED TRIMLESS L CONNECTOR	L	BY OTHERS	FIELD WIRING TO CPU



POWER FEED END RECESSED TRIMLESS CHANNELS

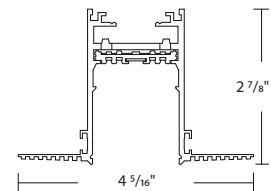
System	Model	Description	Finish
S2	CL04-FE	4 ft Trimless Recessed Feed End	BK Black
	CL08-FE	8 ft Trimless Recessed Feed End	
	CL12-FE	12 ft Trimless Recessed Feed End	
Required Power Feed Run Connected Power Unit Required See page 41 (sold separately)			



Example: **S2CL04-FE-BK** Each section comes with two matching end caps and may be cut at end run.

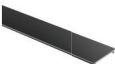
RECESSED TRIMLESS CHANNELS

System	Model	Description	Finish
S2	CL04	4 ft Trimless Recessed Channel	BK Black
	CL08	8 ft Trimless Recessed Channel	
	CL12	12 ft Trimless Recessed Channel	
To extend channel runs after feed end			



Example: **S2CL12-BK** Each section comes with two matching end caps and may be cut at end run.





CHANNEL COVER

	Channel Cover 8ft 8ft length may be field cut, Suitable for top or bottom channel coverage.	S2C-COV08	BK Black
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CONNECTORS

Accessories	System	Finish
 I Connector Joins two sections of channel with electrical continuity	S2CSR-I	BK Black
 Dead I Connector Joins two sections of channel without electrical continuity	S2C-ID	BK Black
 End Cap Additional end cap	S2CL-EC	BK Black
 L Connector Use to join two sections 90°.	S2CL-L	BK Black
 T Connector Use to join three sections.	S2CL-T	BK Black
 X Connector Use to join four track sections	S2CL-X	BK Black
 Inside Corner Joins ceiling to wall sections	S2CL-IC	BK Black
 Outside Corner Joins wall to wall sections	S2CL-OC	BK Black

SUSPENSION HARDWARE

Accessories	System	Finish
 Mount Clip Support recessed channel with 1/4 - 20 threaded rod (rod by others)	S2CR-CLIP	BK Black
 Cable Suspension Support Recessed Channel from plenum ceiling Includes 96in aircraft cable; may be field cut	S2C-C96	BK Black
 Stem Suspension Support Recessed Channel from plenum ceiling Includes two 48in stem; may be field cut	S2C-S96	BK Black
 Suspension Loop Mechanical loop Supports up to 15 lb	S2C-LOOP	BK Black

STRUT

SUSPENDED CHANNEL

BUILD IT

CHOOSE YOUR CHANNELS AND CONNECTORS

- Power feed from end with S2CP-FE, the middle with S2CP-FI, or from the TRIG with S2CPS-FTRIG to energize your run.
- Support Strut with cable or stem suspensions. Minimum two supports per 4ft and 8ft sections. Minimum three supports per 12ft section.
- For patterns, use the TRIG connector. TRIG connector can accept as few as two and as many as six connections. Order additional TRIG connectors as needed. TRIG connectors have a switch to maintain pattern polarity.

Note: STRUT is field cut at end of run. For patterns and custom length channels, consult factory.

CHOOSE YOUR ELEMENTS AND/OR INDIRECT LIGHTING ELEMENTS

Note: Suspended strut is compatible with indirect lighting by default.

- Refer to element specifications to appropriately select elements
- Total the wattage of the system

CHOOSE YOUR CONNECTED POWER UNIT (CPU)

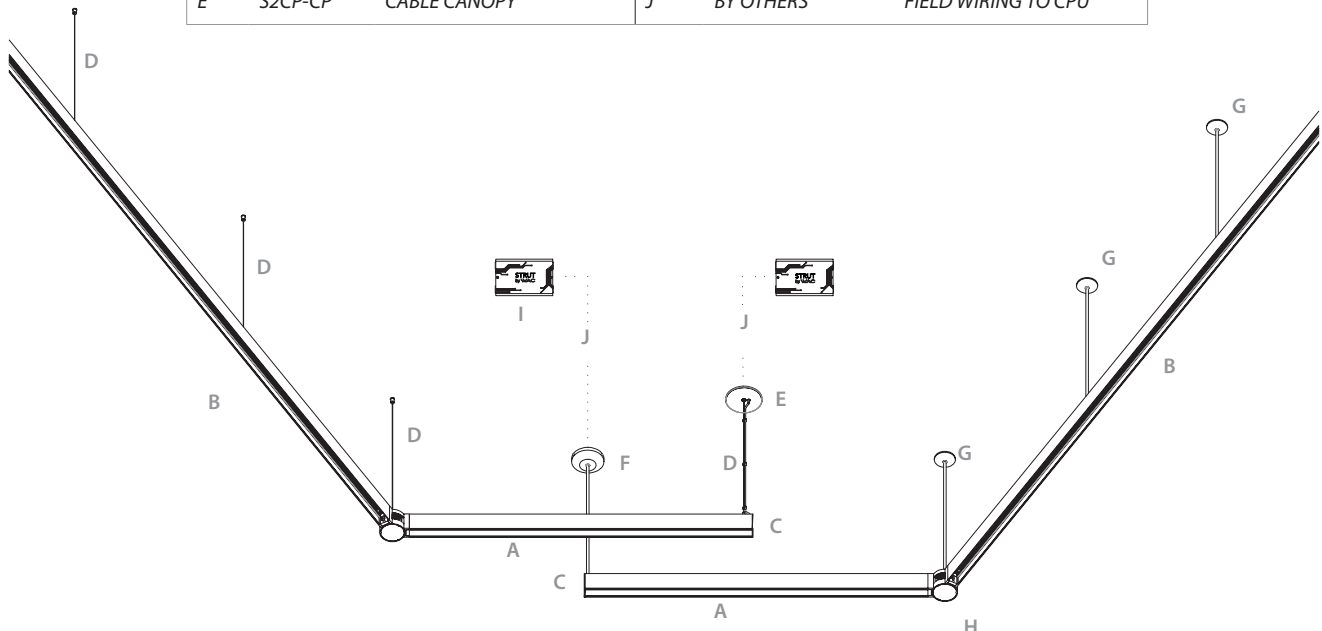
- Select remote mount or surface CPU
- Select appropriate wattage based on total system wattage.

Note: recommended sizing up as feasible for increased system capability.

ACCESSORIZE

- Add channel covers, lenses, or glare control accessories as desired.

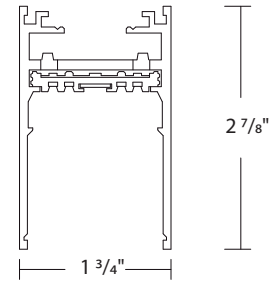
A	S2CPS04	4FT SUSPENDED CHANNEL	F	S2C-FS96	STEM FEED SUSPENSION
B	S2CPS12	12FT SUSPENDED CHANNEL	G	S2C-S96	STEM SUSPENSION
C	S2CP-FE	FEED END	H	S2CPS-TRIG	TRIG
D	S2C-C96	CABLE SUSPENSION	I	S2CPU-R320-S-BK	REMOTE CPU
E	S2CP-CP	CABLE CANOPY	J	BY OTHERS	FIELD WIRING TO CPU




SUSPENDED CHANNELS

System	Model	Length		Finish
S2	CPS04	4 ft Suspended Channel	Direct and/or Indirect Compatible Connected Power Unit Required See page 41 (sold separately)	BK Black
	CPS08	8 ft Suspended Channel		WT White
	CPS12	12 ft Suspended Channel		




Example: **S2CPS08-BK** Each section comes with two matching end caps and may be cut at end run.



CHANNEL COVER






	Channel Cover 8ft 8ft length may be field cut, Suitable for top or bottom channel coverage.	S2C-COV08	BK Black WT White
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TRIG








	Accessories	System	Finish
	Trig with Feed Includes 96in feed wire, and 2 channel connectors. Suspension Hardware sold separately. Aircraft cable only.	S2CPS-FTRIG	BK Black WT White
	Trig Includes 2 channel connectors. Suspension Hardware sold separately. Stem and Aircraft cable compatible.	S2CPS-TRIG	BK Black WT White
	Adapter Additional Trig connectors	S2CPS-NADP	BK Black WT White

See page 46 for more information about the TRIG hub connector system

CONNECTORS

	Accessories	System	Finish
	Feed End Includes 96in feed wire and 10 wire guides	S2CP-FE	BK Black WT White
	I Connector with Feed Includes 96in of feed wire and 10 wire guides	S2CP-FI	BK Black WT White
	I Connector Joins two sections of channel with electrical continuity	S2CP-I	BK Black WT White
	Dead I Connector Joins two sections of channel without electrical continuity	S2C-ID	BK Black WT White
	End Cap Additional end cap	S2CPS-EC	BK Black WT White

SUSPENSION HARDWARE

	Accessories	System	Finish
	Cable Canopy Covers a standard 4in junction box. Use with cable feed connectors	S2CP-CP	BK Black WT White
	Cable Suspension Suspend channel from ceiling. Includes 96in aircraft cable; may be field cut	S2C-C96	BK Black NI Nickel
	Sloped Ceiling Cable Suspension Suspend channel from a sloped ceiling. Includes 96in aircraft cable; may be field cut	S2C-SC96	BK Black NI Nickel
	Stem Feed Suspension Suspend channel from ceiling with feed. Includes two 48in stem; may be field cut	S2C-FS96	BK Black WT White
	Stem Suspension Suspend channel from ceiling. Includes two 48in stem; may be field cut	S2C-S96	BK Black WT White
	Sloped Ceiling Stem Suspension Suspend channel from a sloped ceiling. Includes two 48in stem; may be field cut	S2C-SS96	BK Black WT White
	Suspension Loop Mechanical loop Supports up to 15 lb	S2C-LOOP	BK Black

STRUT

SURFACE MOUNTED CHANNEL

BUILD IT

CHOOSE YOUR CHANNELS AND CONNECTORS

- Power feed from end with S2CS-FE or S2CS-FEB, or feed from the TRIG WITH S2CP-FTRIG to energize your run.
- Support with screws into support or joist. Minimum two supports per 4ft section. Minimum three supports per 8ft and 12ft section.
- For patterns, use the TRIG connector. The TRIG connector can accept as few as two and as many as six connectors. Order additional TRIG connectors as needed. TRIG connectors have a switch to maintain pattern polarity.

Note: STRUT is field cut at end of run. For patterns and custom length channels, consult factory.

CHOOSE YOUR ELEMENTS

- Refer to element specifications to appropriately select elements.
- Total the wattage of the system.

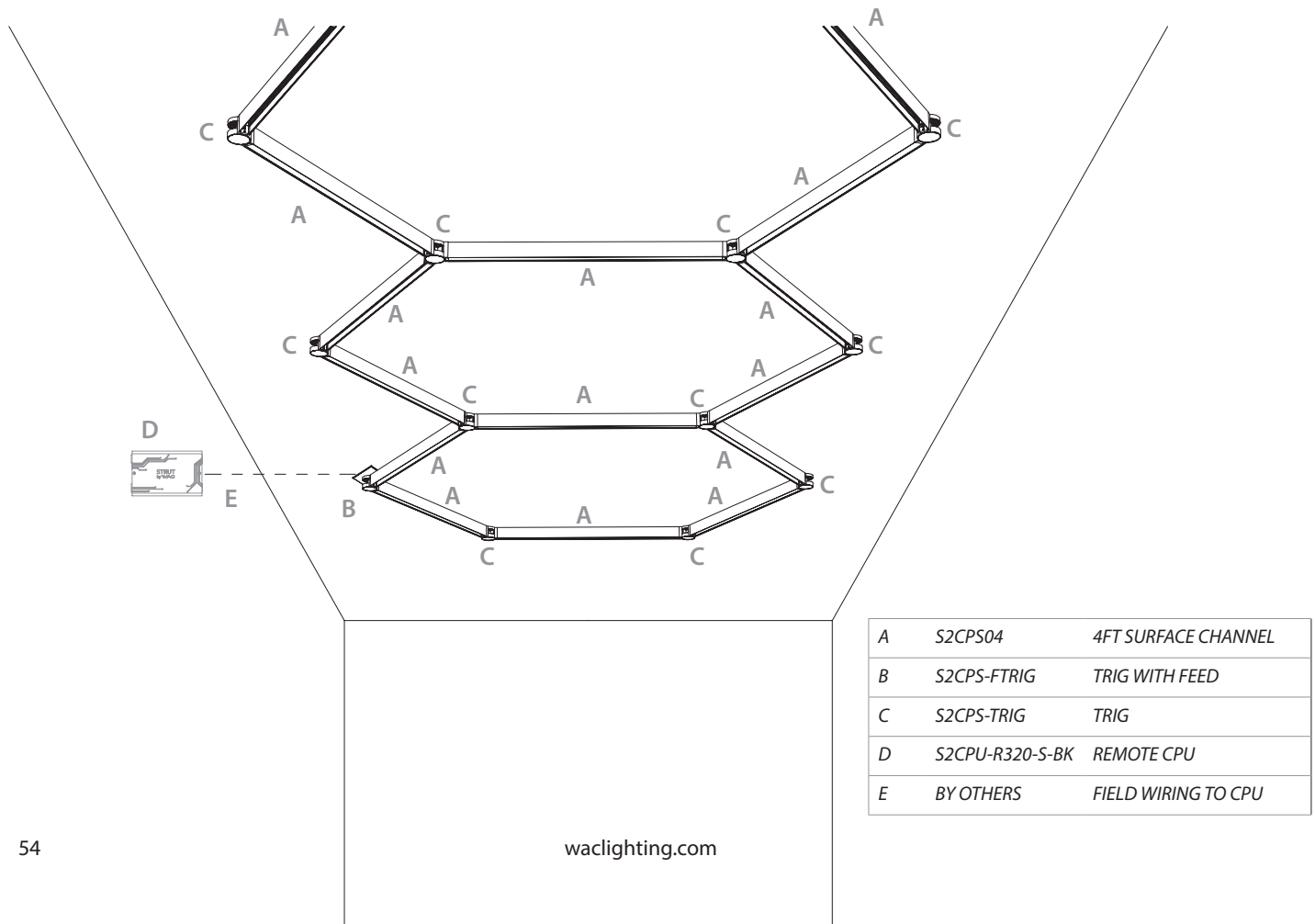
CHOOSE YOUR CONNECTED POWER UNIT (CPU)

- Select remote mount or surface mount (using side knock out provisions) CPU.
- Select appropriate wattage based on total system wattage.

Note: recommended sizing up as feasible for increased system capability.

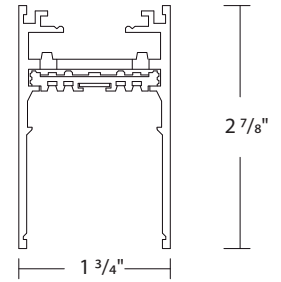
ACCESSORIZE

- Add channel covers, lenses, or glare control accessories as desired.




SURFACE CHANNELS

System	Model	Length	Finish
S2	CPS04	4 ft Surface Channel	Connected Power Unit Required See page 41 (sold separately)
	CPS08	8 ft Surface Channel	
	CPS12	12 ft Surface Channel	
			BK Black WT White






Example: **S2CPS04-BK** Each section comes with two matching end caps and may be cut at end run.

CHANNEL COVER

	Channel Cover 8ft 8ft length may be field cut, Suitable for top or bottom channel coverage.	S2C-COV08	BK Black WT White
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TRIG

Accessories	System	Finish
 Trig with Feed Includes 96in feed wire, and 2 channel connectors.	S2CPS-FTRIG	BK Black WT White
 Trig Includes 2 channel connectors.	S2CPS-TRIG	BK Black WT White
 Adapter Additional Trig connectors	S2CPS-NADP	BK Black WT White

See page 46 for more information about the TRIG hub connector system

CONNECTORS

Accessories	System	Finish
 Feed End Includes 24in feed wire	S2CS-FE	BK Black WT White
 Junction Box 3in junction box with side knock outs	S2CS-FEB	BK Black WT White
 I Connector Joins two sections of channel with electrical continuity	S2CSR-I	BK Black WT White
 Dead I Connector Joins two sections of channel without electrical continuity	S2C-ID	BK Black WT White
 End Cap Additional end cap	S2CPS-EC	BK Black WT White
 Inside Corner Joins ceiling to wall sections	S2CS-IC	BK Black WT White
 Outside Corner Joins wall to wall sections	S2CS-OC	BK Black WT White
 Suspension Loop Mechanical loop Supports up to 15 lb	S2C-LOOP	BK Black



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