# WAC STRUT

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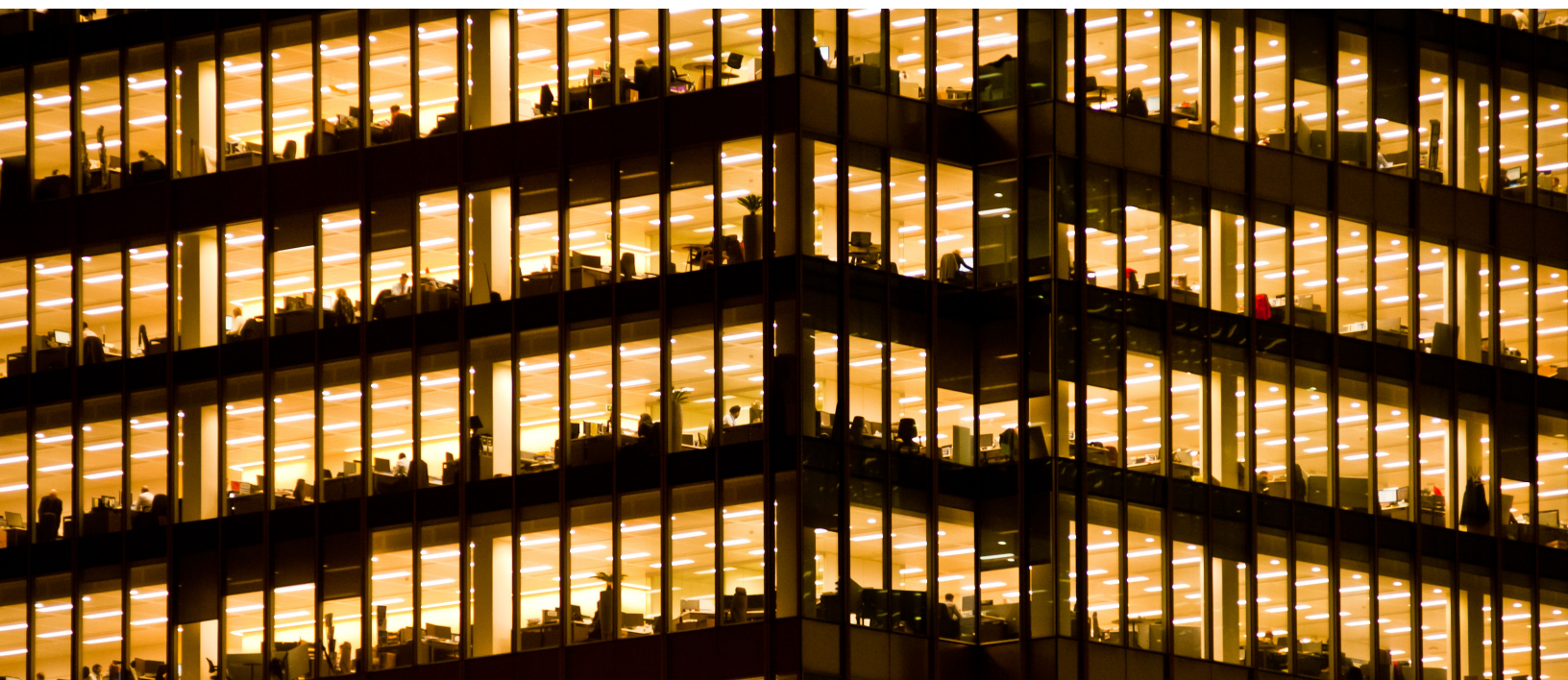
High-end retail looks more and more like a museum, needing higher quality lighting and various lighting types to fill in a design properly.

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.

WAC STRUT

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
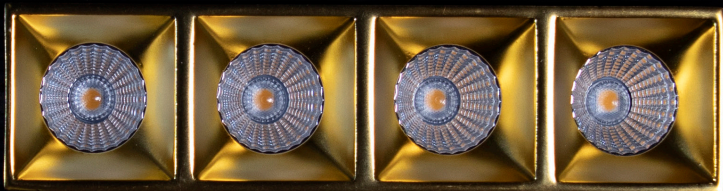what you want, when you want it.

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?
Place your luminaires in groups at 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.

WAC
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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.

Multi Stealth Downlights

High Output
Linear Direct

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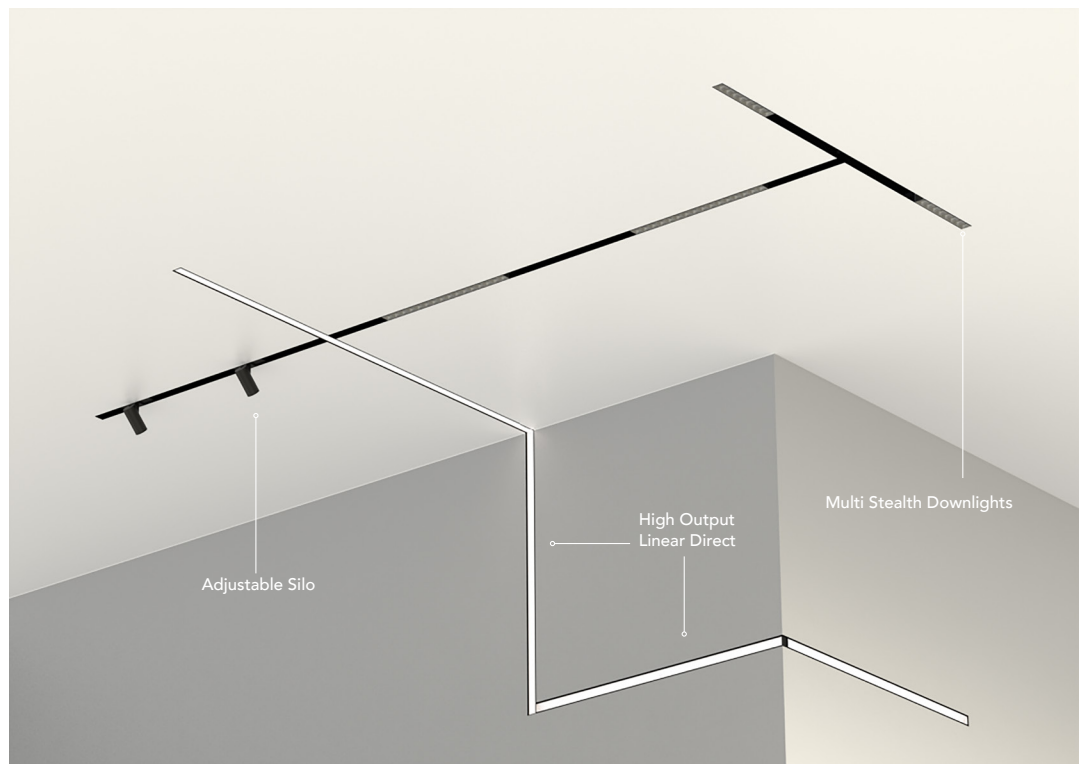
There is a light at the end of the corner.
Use illuminated Inner Corner connectors where
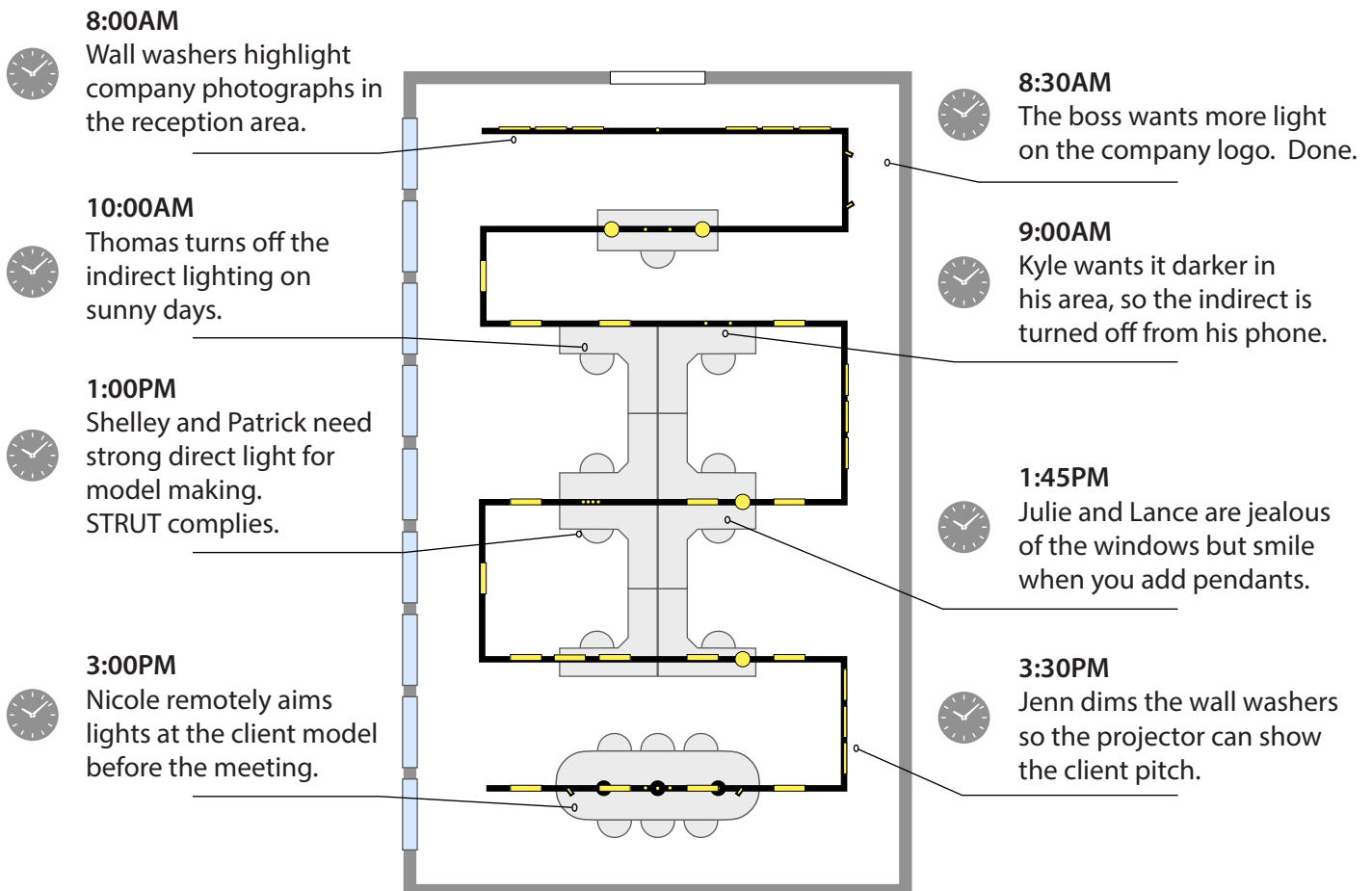ceilings meet walls for a continuous line of light.

See Page 53

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. Gain individual control for luminaire elements.

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

8:00AM
Wall washers highlight company photographs in the reception area.

10:00AM
Thomas turns off the indirect lighting on sunny days.

1:00PM
Shelley and Patrick need strong direct light for model making. STRUT complies.

3:00PM
Nicole remotely aims lights at the client model before the meeting.

8:30AM
The boss wants more light on the company logo. Done.

9:00AM
Kyle wants it darker in his area, so the indirect is turned off from his phone.

1:45PM
Julie and Lance are jealous of the windows but smile when you add pendants.

3:30PM
Jenn dims the wall washers so the projector can show the client pitch.

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.
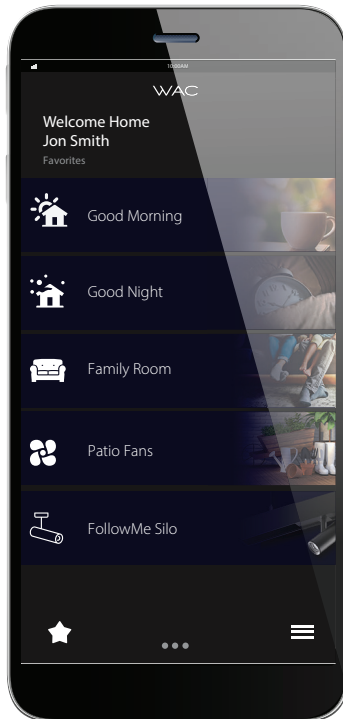
INDIVIDUAL CONTROL

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

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. Direct and adjust beam spread to highlight frequently moved objects, like seasonal retail displays and tables in a convention center.

BRIGHTNESS

☁ 100%

☀ 50%

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 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.
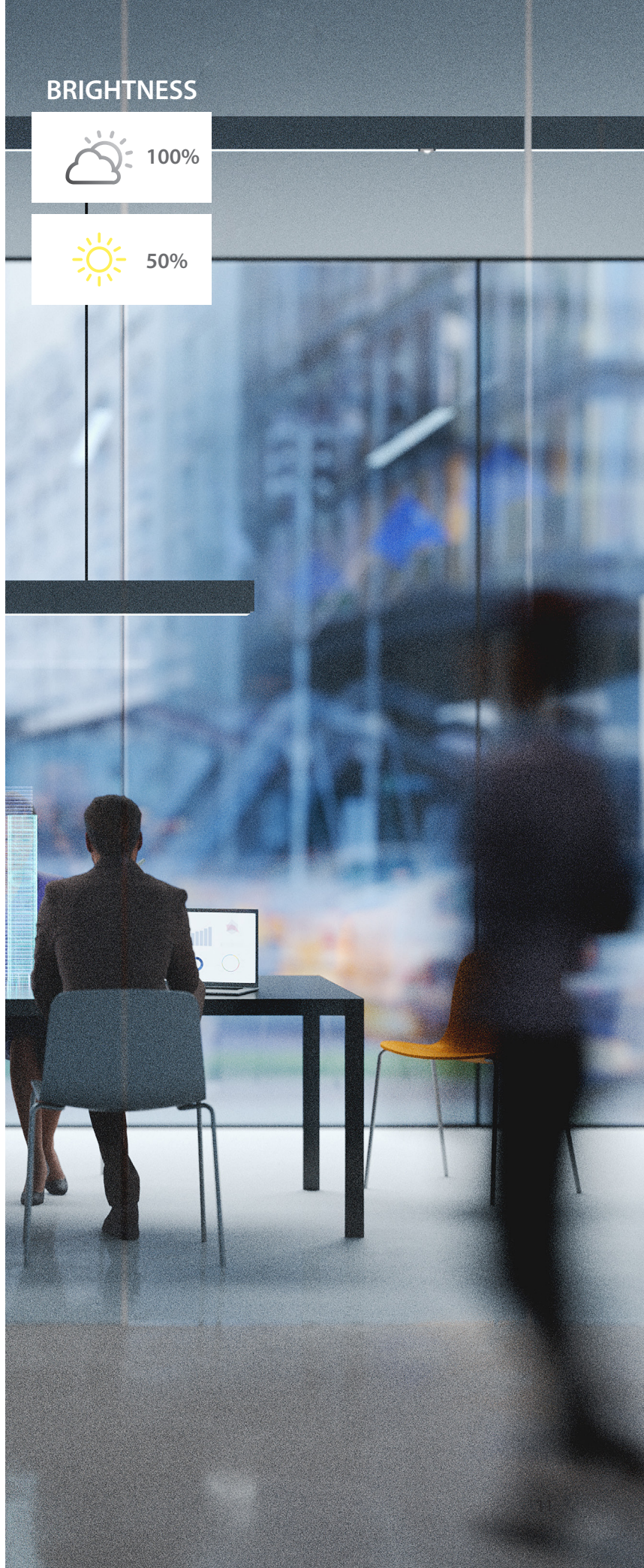
AS A TRUE MANUFACTURER

We're able to take a totally modular system to the next level.

CONCORP
HERE FOR YOU.

For longer suspension lengths to STRUT or STRUT elements – make it CUSTOM

For a pop of color outside of our standard offering – reach out with a RAL code and make it CUSTOM

For special intermediate lengths that offer electrical and data connectivity, delivered quickly, make it CUSTOM.

Need specialized optics, color rendering, lumen outputs or a whole new element? Send us your dream and let's make it CUSTOM!

If you don't see what you're looking for, ask us about our CUSTOM capabilities!
Contact us at customs@waclighting.com.

SUBMITTALS

The STRUT system balances advanced flexibility with ease of use to make specification and installation a breeze. But a second pair of eyes never hurts!

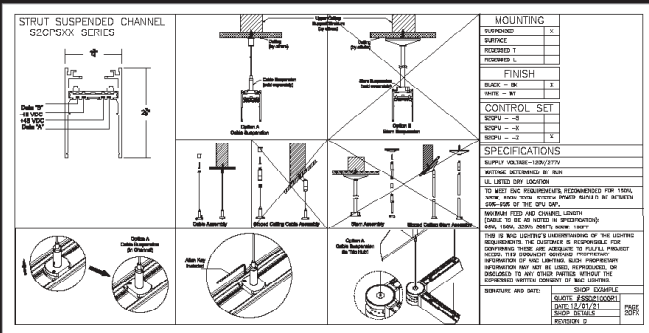Our Submittals team offers world-class service to provide:
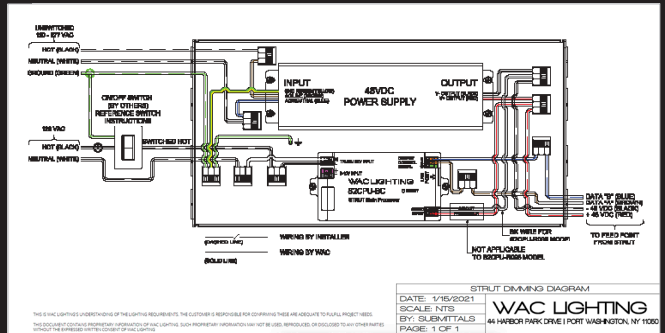
Detailed Bill of Materials
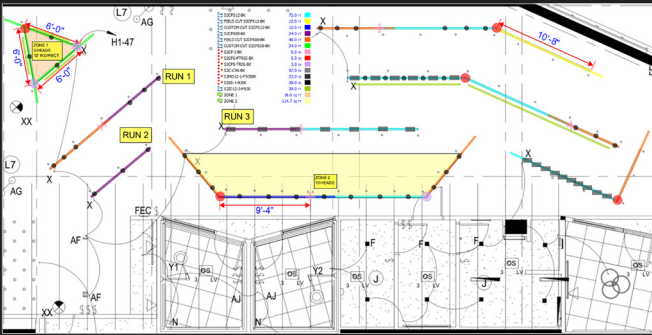
Layouts

Shop Drawings for Installation Detail

Dimming Wiring Diagrams

Contact us at submittals@waclighting.com for product layouts and solutions.

YOUR ARSENAL

WAC
STRUT

Engineered to North American building and electrical
standards, WAC STRUT supports all of the following
UL/cUL dry location listed, and Title 24 compliant 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.46

DIRECT

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

p.18-19

INDIRECT

A high output or diffused option for
indirect reflected illumination.

p.20-21

STEALTH WALL WASH

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

p.22-23

waclighting.com

MULTI STEALTH DOWNLIGHTS

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

p.24-25

STEALTH DOWNLIGHT

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

p.26-27

STEALTH SILO

A patent-pending adjustable beam accent light or downlight - change your mind on the fly.

p.28-29

SILO

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

p.30-31

FOLLOWME SILO

Finally, a patent-pending motorized accent light that thinks and communicates.

p.32-33

SILO PENDANT

Our patent-pending Silo pendant with STRUT for ultimate adjustability.

p.34-35

NIVEOUS

Playful glass orbs in 4 CCTs and 3 hardware finishes.

p.36-37

ELEMENTUM

Opal glass cylinders in 4 CCTs and 3 hardware finishes.

p.38-39

FLARE

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

p.40-41

VOLO

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

p.42-43

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 field cut to hide gaps between elements.

SURFACE MOUNTED
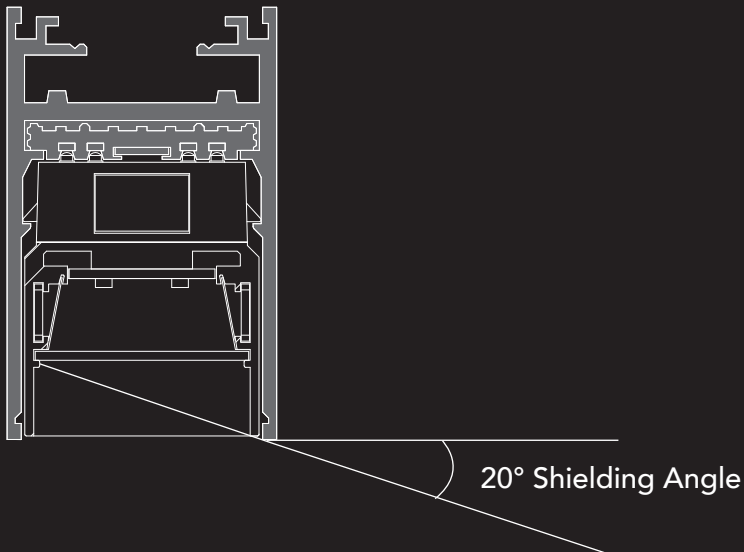### CHANNEL

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 level options available to accommodate power and lighting appropriately to applications.

Power:	Up to 53W
Lumens:	Up to 925 lm/ft
Comparable to:	T5HO (using elements at Power Level 3)
Dimming:	100% - 0.1%
Input:	48V DC
Rated Life:	50,000 hours

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CALIFORNIA

Direct Regressed Element

20° Shielding Angle
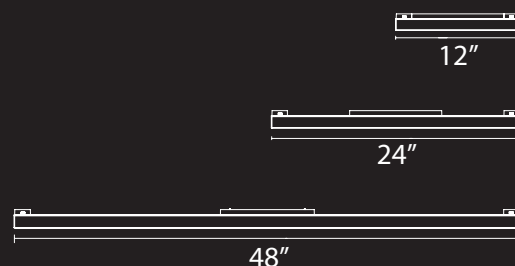
DIRECT LINE OF SIGHT

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

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12"

24"

48"

HIGH OUTPUT DIRECT

System	Model		Length		Power		Max Lumens	Color Temp		CRI	Finish	
			12	12"	1	7W	470					
					2	10W	670					
					3	14.5W	910					
S2	DH	Direct Flush Lens	24	24"	1	12.5W	970	F927	2700K	90	BK	Black
					2	18.5W	1,370	F930	3000K			
					3	27W	1,850	F935	3500K			
								F940	4000K			
			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	
			12	12"	1	7W	350					
					2	10W	500					
					3	14.5W	690					
S2	DR	Direct Regressed Lens	24	24"	1	12.5W	740	F927	2700K	90	BK	Black
					2	18.5W	1,050	F930	3000K			
					3	27W	1,410	F935	3500K			
								F940	4000K			
			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, diffused and batwing lenses. Three power level options available to accommodate power and lighting appropriately to applications.

Power:	Up to 48W
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

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

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THE PERFECT AMBIANCE

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

12" 15⁄16"

23 15⁄16" 15⁄16"

47 7⁄8" 15⁄16"
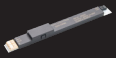
INDIRECT

System	Model		Length		Power		Max Lumens	Color Temp		CRI
			12	12"	**1**	6W	460			
					2	9W	680			
					3	12W	910			
			24	24"	**1**	12W	910	**F927**	2700K	
S2	**ID**	Indirect			**2**	18W	1,360	**F930**	3000K	90
					3	24W	1,820	**F935**	3500K	
			48	48"	**1**	24W	1,820	**F940**	4000K	
					2	36W	2,730			
					3	48W	3,650			

Example: **S2ID48-3-F930**

DRIVER (Required per run of Indirect Elements up to 96W max)
Installs in top side of channel to power and provides 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	
					CL	Clear Lens
LENS-S2	**ID**	Indirect	**96**	96"	**FR**	Diffuse Lens
					BW	Batwing 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 power level options available to accommodate power and lighting appropriately to applications.

Power:	Up to 53W
Lumens:	Up to 930 lm/ft
Comparable to:	T5HO (using elements at Power Level 3)
Dimming:	100% - 0.1%
Input:	48V DC
Rated Life:	50,000 hours

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SMOOTH, EVEN DISTRIBUTION

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

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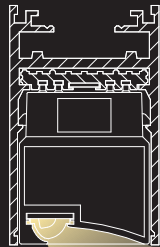
Horizontal spread
Even coverage
for greater fixture
spacing

Vertical spread
Illumination from top
to bottom of wall

12"

24"

48"
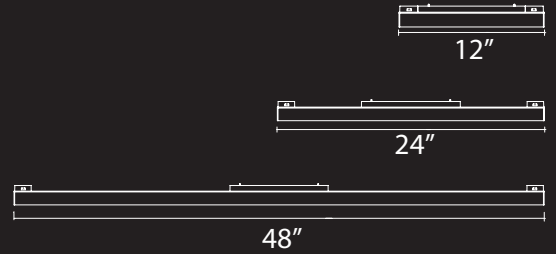
STEALTH WALL WASH

System	Model		Length		Power		Max Lumens	Beam	Color Temp		CRI	Finish	
			12	12"	**1**	7.0W	500						
					2	10.5W	690						
					3	14.5W	930						
S2	**WW**	Linear Wall Wash	**24**	24"	**1**	12.0W	910	ASY	**A927**	2700K	90	**BK**	Black
					2	19.5W	1,350		**A930**	3000K			
					3	27.5W	1,810		**A935**	3500K			
			48	48"	**1**	24.0W	1,820		**A940**	4000K			
					2	35.0W	2,700						
					3	53.0W	3,630						

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 power level options available to accommodate power and lighting appropriately to applications.

Power:	Up to 21.5W
Lumens:	Up to 1,120 lm/ft
Dimming:	100% - 0.1%
Input:	48V DC
Rated Life:	50,000 hours

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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)

16°   32°   45°

10'

Ø2' 10"   Ø5' 8"   Ø8' 3"

WAC STRUT

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.

6"

12"

24"
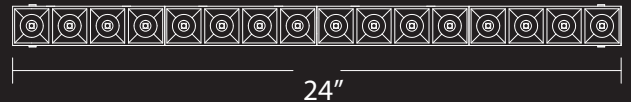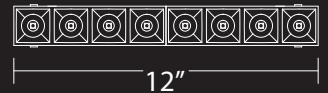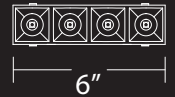
MULTI STEALTH DOWNLIGHTS

	Model	Size	# of Lights	Power		Max Lumens	Max CBCP	Beam		Color Temp		CRI	Finish	
S2	MD06	6"	4	1	3.5W	380	1,820	S	16°	927	2700K	90	BK	Black
				2	5.0W	450	2,570	N	32°	930	3000K		CH	Chrome
				3	6.0W	560	2,900	F	45°	935	3500K		GL	Gold
										940	4000K		HZ	Haze
S2	MD12	12"	8	1	5.5W	730	3,970	S	16°	927	2700K	90	BK	Black
				2	8.0W	960	4,870	N	32°	930	3000K		CH	Chrome
				3	10.5W	1080	5,490	F	45°	935	3500K		GL	Gold
										940	4000K		HZ	Haze
S2	MD24	24"	16	1	10W	1470	6,600	S	16°	927	2700K	90	BK	Black
				2	15.5W	1840	8,830	N	32°	930	3000K		CH	Chrome
				3	21.5W	2190	9,940	F	45°	935	3500K		GL	Gold
										940	4000K		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
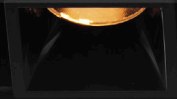
STEALTH DOWNLIGHT
CONTRAST ELEMENT

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

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ONE OR TWO OR MORE
Add multiple downlights side by side or anywhere along your STRUT system.

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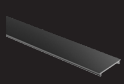
A patent-pending reflector curve for glare control and a variety of luxurious finishes customizes to each design.

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1 9/16"

1 9/16"

6"
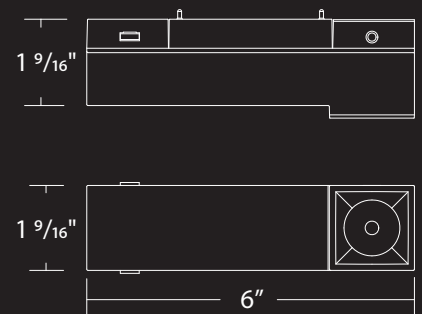
STEALTH DOWNLIGHT

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

REPLACEMENT TRIMS

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

BLACK
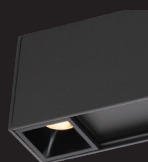
CHROME

GOLD

HAZE
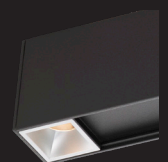
STEALTH SILO
UNMATCHED VERSATILITY

A patent-pending 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

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BOTH.

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

RETRACTABLE

ADJUSTABLE 15°-50°

WAC
STRUT
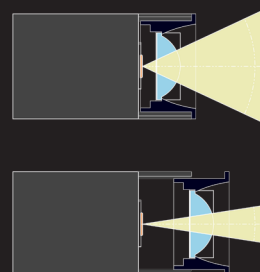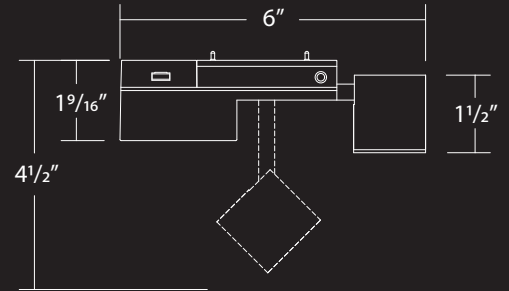
STEALTH SILO

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

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

Accessories: Accepts one 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 OR 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 1,230 lm
Comparable to:	75W MR16
Dimming:	100% - 0.1%
Input:	48V DC
Rated Life:	50,000 hours

c (UL) us LISTED   TITLE 24 CALIFORNIA

Continuously adjustable beam angles from 15° to 40°
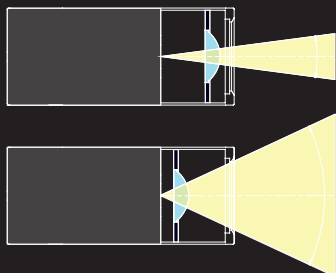
SHAPE YOUR BEAM

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

WAC
STRUT
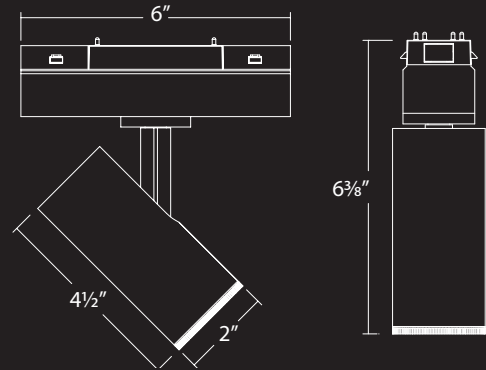
ADJUSTABLE SPOT LIGHT

System	Model	Power		Beam	Color Temp		CRI	Max Lumens	Max CBCP	Finish	
S2	SA	1	15W	15° - 40°	**927** **930** **935** **940**	2700K 3000K 3500K 4000K	90	810	2,870	**BK** **WT**	Black White

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** **N** **F**	15° 25° 35°	**927** **930** **935** **940**	2700K 3000K 3500K 4000K	90	1,230	9,400	**BK** **WT**	Black White

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 patent-pending 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 1,000 lm
Comparable to:	75W MR16
Dimming:	100% - 0.1%
Input:	48V DC
Rated Life:	50,000 hours

360°   **90°**

NO LADDER REQUIRED

FOLLOWME SILO features automated beam adjustment, motorized head adjustment, and a multitude of accessories.

WAC
STRUT
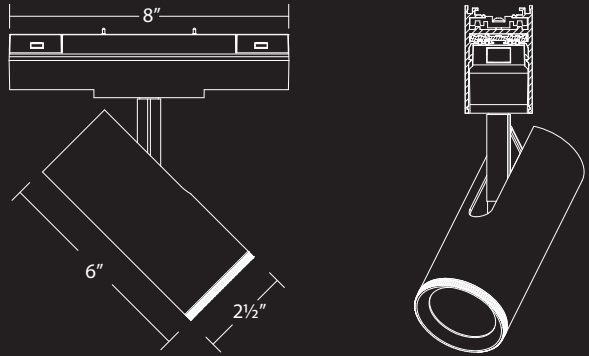
FOLLOWME SILO

System	Model	Power		Beam	Color Temp		CRI	Max Lumens	Max CBCP	Finish	
S2	**FM**	**1**	15W	15 ° - 40 °	**927**	2700K	90	1,000	16,000	**BK**	Black
					930	3000K				**WT**	White
					935	3500K					
					940	4000K					

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

LENS ACCESSORIES
sold separately

Amber	**LENS-16-AMB**
Blue	**LENS-16-BLU**
Green	**LENS-16-GRN**
Red	**LENS-16-RED**
Frosted	**LENS-16-FR**
Spread	**LENS-16-SPR**
Beam Elongating	**LENS-16-BEL**

GLARE CONTROL ACCESSORIES
sold separately

Honeycomb Louver	**LENS-16-HCM**
Cross Louver	**LENS-16P-CRL-BK**
	LENS-16P-CRL-WT
Snoot	**LENS-16-SNOOT-BK**
	LENS-16-SNOOT-WT

SILO PENDANT
12" & 14" CYLINDERS

Combining our beloved Silo adjustable beam pendant with STRUT system.

A patent-pending 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

c(UL)us LISTED   **TITLE 24**
CALIFORNIA
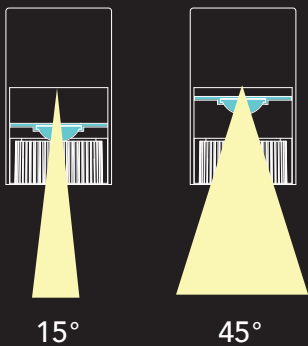
Shape beam from 15° to 45°

15°   45°

SLEEK, FULLY ADJUSTABLE DESIGN

Available in multiple finishes, Silo features a retracting accenting collar, effortless height adjustment, and continuous 15°-45° beam angle selection.
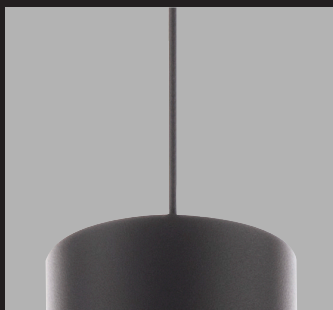
Suspension cable retracts inside fixture body for precise height adjustment.

WAC
STRUT

AVAILABLE COLLAR FINISHES

WHITE **BLACK** **GOLD**

6"
MIN: 14"
MAX: 120"
12"
2⅛"
S2PD01-1
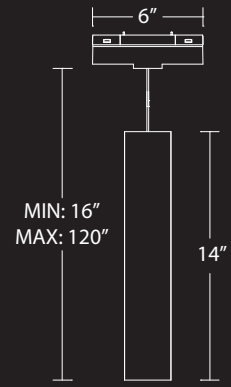
6"
MIN: 16"
MAX: 120"
14"
2½"
S2PD01-2

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 2700K 930 3000K 935 3500K 940 4000K	90	760	3,220	**BKBK** **BKGL** **BKWT** **WTBK** **WTGL** **WTWT**	Black/Black Black/Gold Black/White White/Black White/Gold White/White
S2	PD01	20W	2	14"	15° - 45°	927 2700K 930 3000K 935 3500K 940 4000K	90	1,170	6,560	**BKBK** **BKGL** **BKWT** **WTBK** **WTGL** **WTWT**	Black/Black Black/Gold Black/White White/Black White/Gold White/White

Example: **S2PD01-1-927BKBK**

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**

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

Hook	System	Size	Model	Finish	
	S2	1"x1½"	**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. Offered in 2700K, 3000K, 3500K, and 4000K for design continuity with other light sources within the system.

Power: Up to 11W
Lumens: Up to 1,140 lm
Dimming: 100% - 0.1%
Input: 48V DC
Rated Life: 50,000 hours

C UL US LISTED   TITLE 24 CALIFORNIA

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

WAC STRUT

SIMPLE PURITY

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

6"

MIN: 13"
MAX: 120"

10"

S2PD02-2

6"

MIN: 16"
MAX: 120"

13¾"
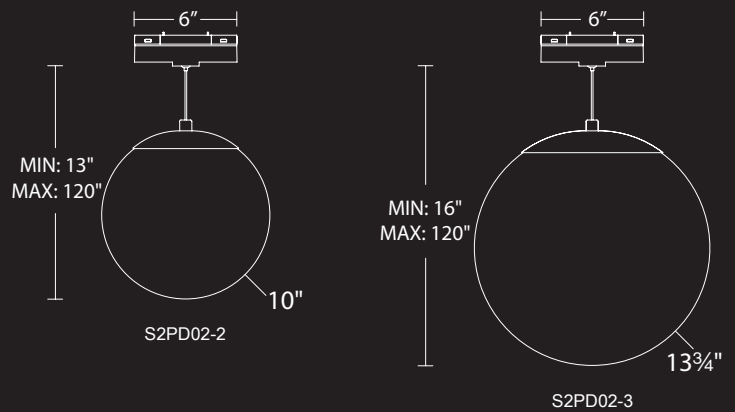
S2PD02-3

NIVEOUS PENDANTS

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

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

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

Hook	System	Size	Model	Finish	
	S2	1"x1½"	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:	18W
Lumens:	Up to 1,780lm
Dimming:	100% - 0.1%
Input:	48V DC
Rated Life:	50,000 hours

c(UL)us LISTED   TITLE 24 CALIFORNIA

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.

6″

MIN 18″
MAX 134″

16¼″

4½″
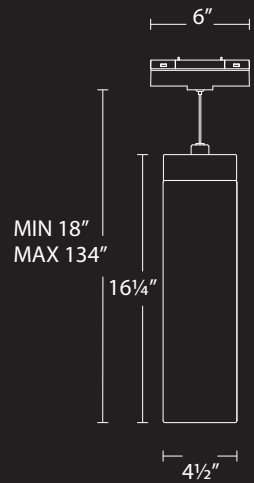
ELEMENTUM PENDANTS

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

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

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

Hook	System	Size	Model	Finish	
	S2	1″x1½″	**PD-HOOK**	**BK** **WT**	Black White

Example: **S2PD-HOOK-BK**

FLARE PENDANT
PILLARS OF LIGHT

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

Power:	Up to 32W
Lumens:	Up to 1,870lm
Dimming:	100% - 0.1%
Input:	48V DC
Rated Life:	50,000 hours

c(UL)us LISTED   TITLE 24 CALIFORNIA

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

WAC STRUT

LUMINOUS OPTIONS

Symmetrical, cylindrical and aerodynamic.

6"

MIN: 26½"
MAX: 127"

13"

2½"

S2PD04-1

6" 6"

MIN: 38½"
MAX: 139"

25¼"

2½"

S2PD04-2

6" 6"

MIN: 50½"
MAX: 151"

37"

2½"
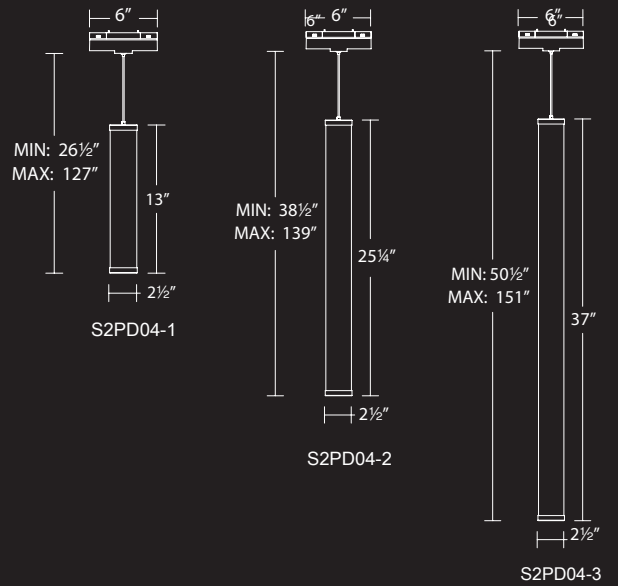
S2PD04-3

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	BN	Brushed Nickel
		3	37"	32W				1,870		

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

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

Hook	System	Size	Model	Finish	
	S2	1"x1½"	PD-HOOK	BK	Black
				WT	White

Example: **S2PD-HOOK-BK**
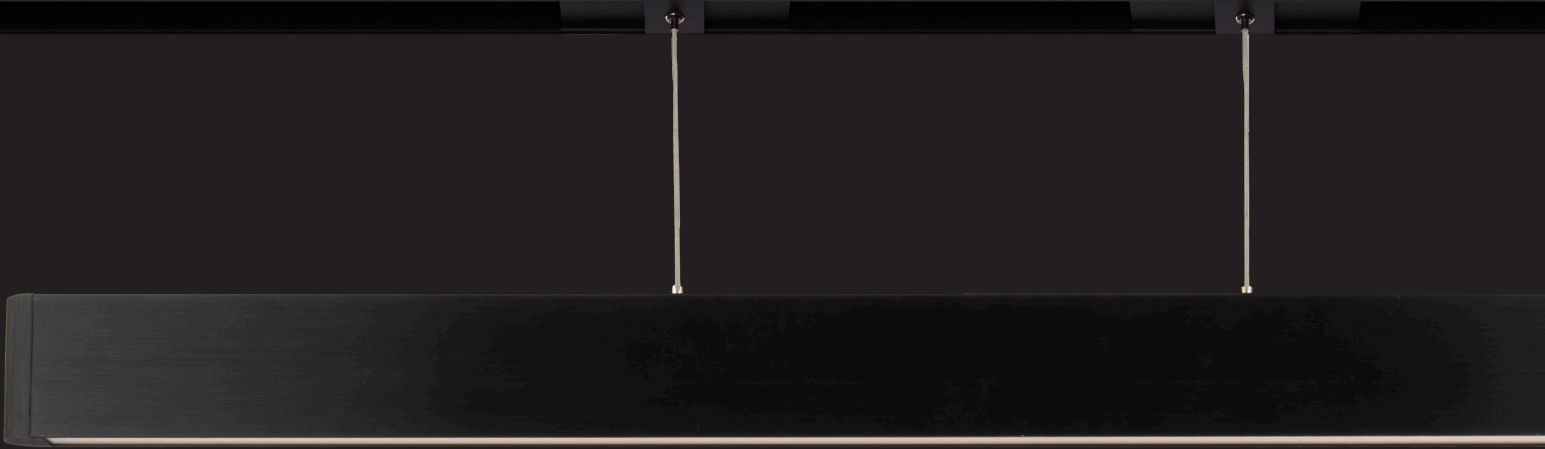
VOLO PENDANT

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 25W
Lumens: Up to 2,070lm
Dimming: 100% - 0.1%
Input: 48V DC
Rated Life: 50,000 hours

TITLE 24

CALIFORNIA

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

WAC
STRUT

WISHFUL LIGHTING

Ultra thin pendant for the
discerning minimalist

6" 6"

MIN 8"
MAX 100"

44 $^{7}/_{16}$" / 54"
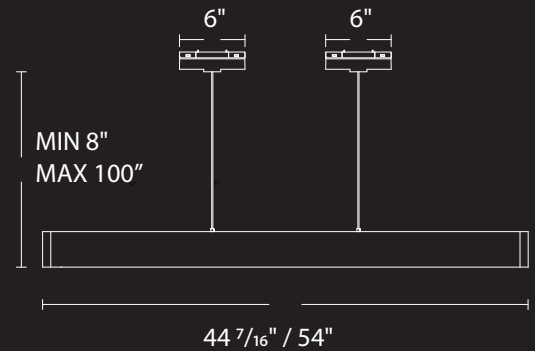
VOLO PENDANTS

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

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

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

Hook	System	Size	Model	Finish	
	S2	1"x1½"	**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 patent-pending 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 setup using our app for iOS or Android gets you online quickly and easily.

S2CPU-R096,R150

S2CPU-R320,R600
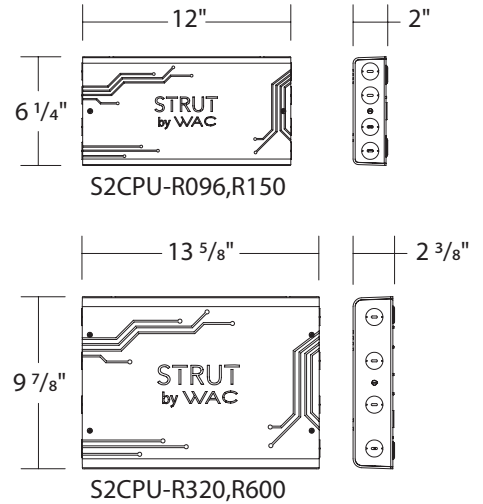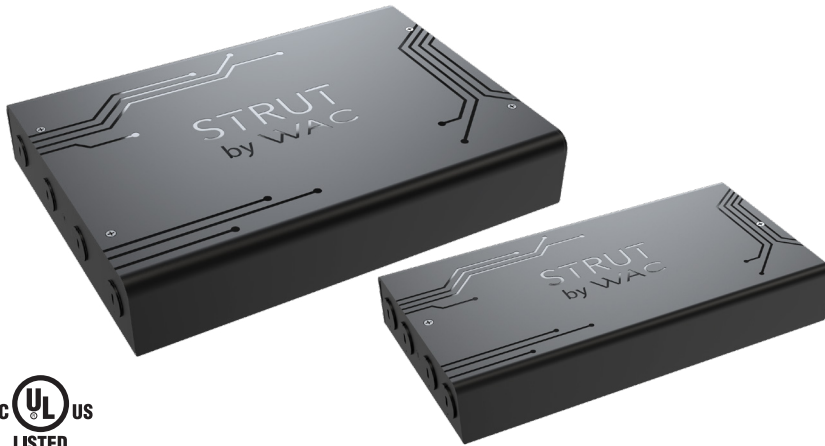
REMOTE CPU	System	Model	Power		Control Protocol		Finish	
			096	*96W Hardwired*				
Suspended Channels Surface Channels Recessed Channels	**S2CPU**	**R**	**150**	*150W Hardwired*	**S**	*0-10V, ELV, and TRIAC*		
					X	*DMX, 0-10V, ELV and TRIAC*	**BK**	*Black*
			320	*320W Hardwired*	**Z**	*0-10V x4, ELV, and TRIAC*		
			600	*600W Hardwired*				

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.

2 7/8"

7 1/2"

12 7/8"

S2CPU-S096, S150

2 7/8"

8 7/16"

18 3/16"
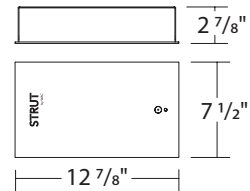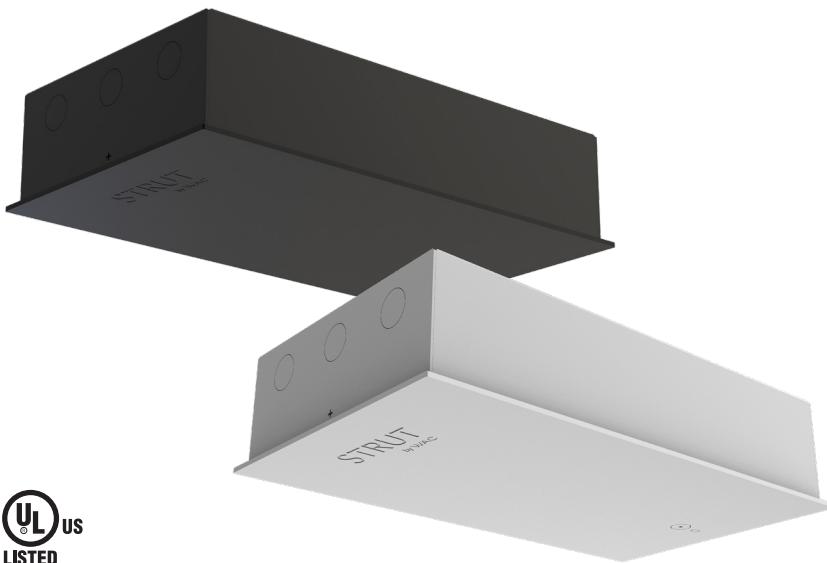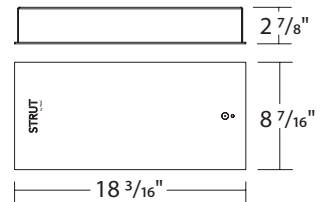
S2CPU-S320, S600

SURFACE MOUNT CPU	System	Model	Power		Control Protocol		Finish	
Suspended Channels *Surface Channels*	**S2CPU**	**S**	**096**	*96W*	**S**	*0-10V, ELV, and TRIAC*	**BK**	*Black*
			150	*150W*	**X**	*DMX, 0-10V, ELV and TRIAC*	**WT**	*White*
			320	*320W*				
			600	*600W*	**Z**	*0-10V x4, ELV, and TRIAC*		

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

TOTAL FEED AND CHANNEL LENGTH

CPU	FEED	STRUT

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 (electromagnetic compatibility) 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. Sensitivity can be adjusted in the WAC app.

S2SN-1-BK

1 13/16"   1 9/16"

2"
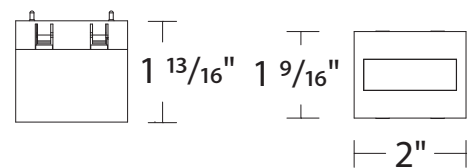
STRUT

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

Vacancy and Photo sensor	**S2SN-1**	**BK**	*Black*
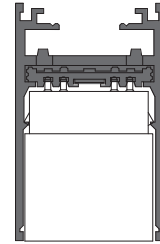
TRIG

MAKE PATTERNS AS UNIQUE AS YOU

There's no need to order complicated connectors. Our patent-pending 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.
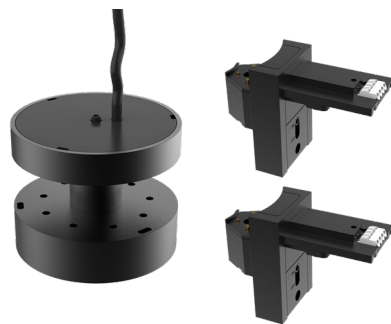
PATENT-PENDING I-CONNECTOR

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

WAC
STRUT
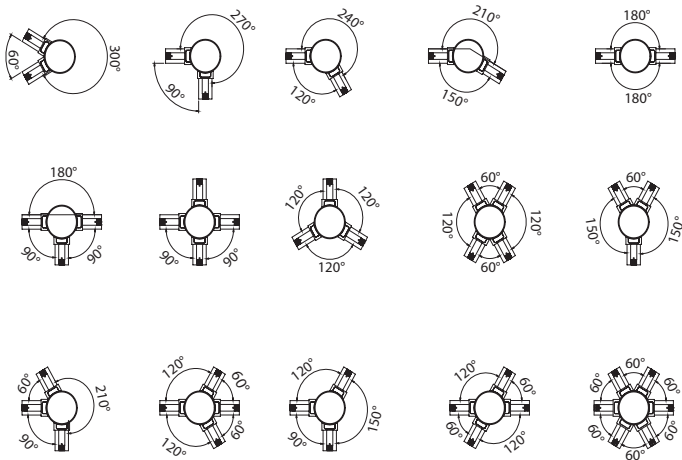
Add up to 6 connectors to fully customize your pattern.

CONNECTORS

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

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

WAC
STRUT

BUILD IT

CHOOSE YOUR CHANNELS AND CONNECTORS

- Power feed from feed end channel or feed end junction box 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	
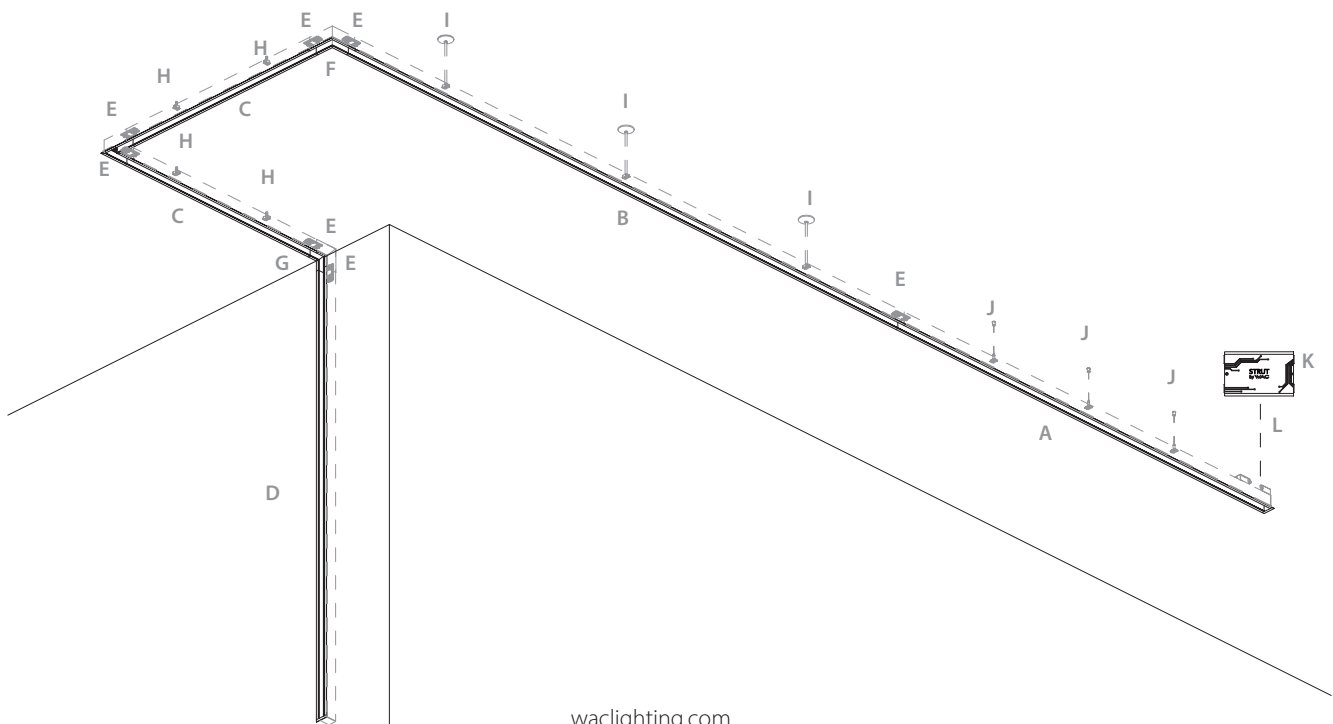
POWER FEED END RECESSED CHANNELS WITH TRIM

System	Model	Description		Finish	
S2	CT04-FE CT08-FE CT12-FE	4 ft Trim Recessed Feed End 8 ft Trim Recessed Feed End 12 ft Trim Recessed Feed End	Required Power Feed Run Connected Power Unit Required See page 44 (sold separately)	BK WT	Black White

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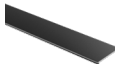
RECESSED CHANNELS WITH TRIM

System	Model	Description		Finish	
S2	CT01 CT01.5 CT04 CT08 CT12	1 ft Trim Recessed Channel 1.5 ft Trim Recessed Channel 4 ft Trim Recessed Channel 8 ft Trim Recessed Channel 12 ft Trim Recessed Channel	To extend channel runs after feed end	BK WT	Black White

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

CHANNEL COVER

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

CONNECTORS

		Model	Finish	
	Feed End Junction Box *5in junction box with side knockouts*	S2CT-FEB	BK WT	Black White
	I Connector *Joins two channel sections with electrical continuity*	S2CSR-I	BK	Black
	Dead I Connector *Joins two channel sections without electrical continuity*	S2C-ID	BK	Black
	L Connector *Joins two channel sections 90°*	S2CT-L	BK WT	Black White
	T Connector *Joins three channel sections*	S2CT-T	BK WT	Black White
	X Connector *Joins four channel sections*	S2CT-X	BK WT	Black White
	Inside Corner *Joins ceiling to wall channel sections*	S2CT-IC	BK WT	Black White
	Outside Corner *Joins wall to wall channel sections*	S2CT-OC	BK WT	Black White

CONNECTORS

		Model	Finish	
	Surface/Suspended to Recessed Corner *Joins suspended or surface mounted channel to recessed channel*	S2CPST-IC	BKBK BKWT WTWT WTBK	Black/Black Black/White White/White White/Black
	End Cap *Additional end cap*	S2CT-EC	BK WT	Black White

SUSPENSION HARDWARE

		Model	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

WAC
STRUT

BUILD IT

CHOOSE YOUR CHANNELS AND CONNECTORS

• Power feed from feed end channel or feed end junction box 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** **CL08-FE** **CL12-FE**	4 ft Trimless Recessed Feed End 8 ft Trimless Recessed Feed End 12 ft Trimless Recessed Feed End	Required Power Feed Run Connected Power Unit Required See page 44 (sold separately)	**BK**	*Black*

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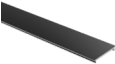
RECESSED TRIMLESS CHANNELS

System	Model	Description		Finish	
S2	**CL01** **CL01.5** **CL04** **CL08** **CL12**	1 ft Trimless Recessed Channel 1.5 ft Trimless Recessed Channel 4 ft Trimless Recessed Channel 8 ft Trimless Recessed Channel 12 ft Trimless Recessed Channel	To extend channel runs after feed end	**BK**	*Black*

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*

CONNECTORS

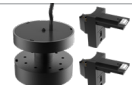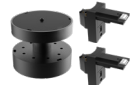|		Model	Finish	
	Feed End Junction Box *5in junction box with side knockouts. Includes BK and WT covers*	**S2CL-FEB**		
	I Connector *Joins two channel sections with electrical continuity*	**S2CSR-I**	**BK**	*Black*
	Dead I Connector *Joins two channel sections without electrical continuity*	**S2C-ID**	**BK**	*Black*
	L Connector *Joins two channel sections 90°*	**S2CL-L**	**BK**	*Black*
	T Connector *Joins three channel sections*	**S2CL-T**	**BK**	*Black*
	X Connector *Joins four channel sections*	**S2CL-X**	**BK**	*Black*
	Inside Corner *Joins ceiling to wall channel sections*	**S2CL-IC**	**BK**	*Black*
	Outside Corner *Joins wall to wall channel sections*	**S2CL-OC**	**BK**	*Black*

CONNECTORS

		Model	Finish	
	Surface/Suspended to Recessed Corner *Joins suspended or surface mounted channel to recessed trimless channel*	**S2CPSL-IC**	**BKBK** **WTBK**	*Black/Black* *White/Black*
	End Cap *Additional end cap*	**S2CL-EC**	**BK**	*Black*

SUSPENSION HARDWARE

		Model	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*

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 or L, T, X connectors. TRIG connector can accept as few as two and as many as six connections. Order additional TRIG or L, T 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
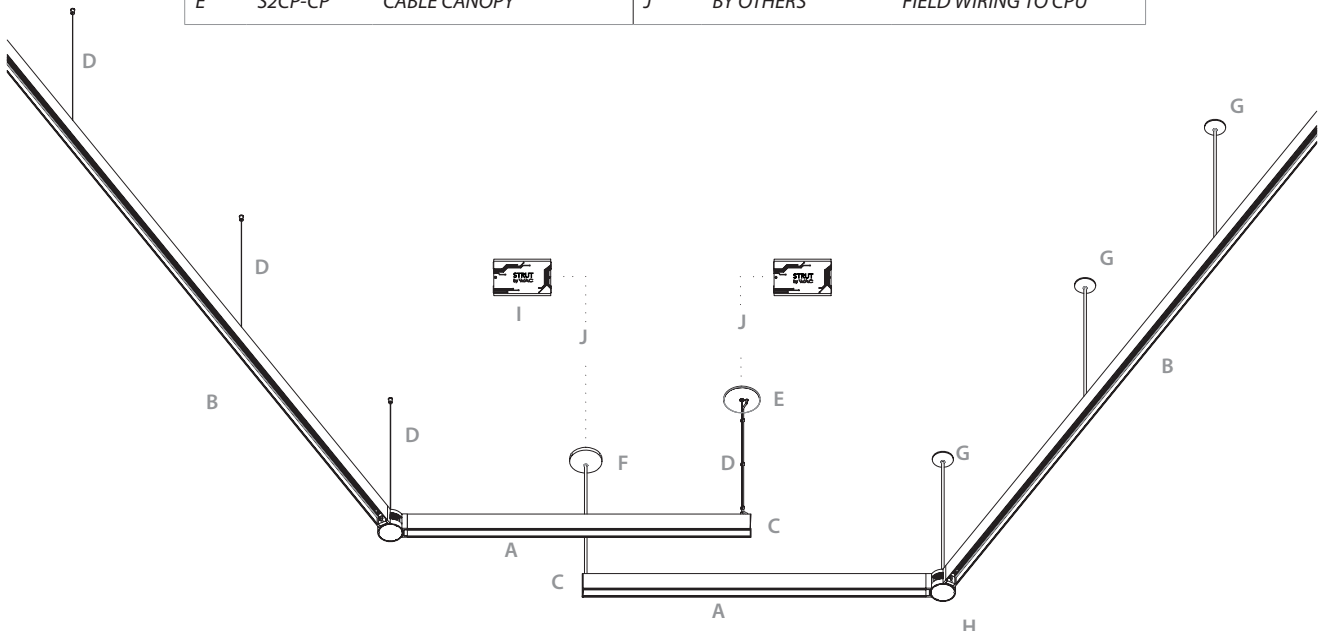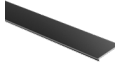
SUSPENDED CHANNELS

System	Model	Length		Finish	
S2	**CPS01** **CPS01.5** **CPS04** **CPS08** **CPS12**	1 ft Suspended Channel 1.5 ft Suspended Channel 4 ft Suspended Channel 8 ft Suspended Channel 12 ft Suspended Channel	Direct and/or Indirect Compatible Connected Power Unit Required See page 44 (sold separately)	**BK** **WT**	*Black* *White*

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

2 ⁷/₈"
1 ³/₄"

CHANNEL COVER

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

TRIG

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

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

CONNECTORS

		Model	Finish	
	Feed End *Includes 96in feed wire* *and 10 wire guides*	**S2CP-FE**	**BK** **WT**	*Black* *White*
	I Connector with Feed *Includes 96in of feed wire* *and 10 wire guides*	**S2CP-FI**	**BK** **WT**	*Black* *White*
	I Connector *Joins two sections of channel* *with electrical continuity*	**S2CP-I**	**BK** **WT**	*Black* *White*
	Dead I Connector *Joins two sections of channel* *without electrical continuity*	**S2C-ID**	**BK** **WT**	*Black* *White*
	L Connector *Joins two channel sections 90°.* *Feed separately*	**S2CPS-L**	**BK** **WT**	*Black* *White*
	T Connector *Joins three channel sections.* *Feed separately*	**S2CPS-T**	**BK** **WT**	*Black* *White*
	X Connector *Joins four channel sections.* *Feed separately*	**S2CPS-X**	**BK** **WT**	*Black* *White*
	End Cap *Additional end cap*	**S2CPS-EC**	**BK** **WT**	*Black* *White*

CONNECTORS

		Model	Finish	
	Surface/Suspended to Recessed Corner *Joins suspended or surface mounted* *channel to recessed trim channel*	**S2CPST-IC**	**BKBK** **BKWT** **WTWT** **WTBK**	*Black/Black* *Black/White* *White/White* *White/Black*
	Surface/Suspended to Recessed Corner *Joins suspended or surface mounted* *channel to recessed trimless channel*	**S2CPSL-IC**	**BKBK** **WTBK**	*Black/Black* *White/Black*

SUSPENSION HARDWARE

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

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STRUT

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 or L, T, X connectors. The TRIG connector can accept as few as two and as many as six connectors. Order additional TRIG or L, T 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
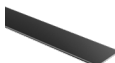- Add channel covers, lenses, or glare control accessories as desired.

A	S2CPS04	4FT SURFACE CHANNEL
B	S2CPS-FTRIG	TRIG WITH FEED
C	S2CPS-TRIG	TRIG
D	S2CPU-R320-S-BK	REMOTE CPU
E	BY OTHERS	FIELD WIRING TO CPU
F	S2CP-CP	SUSPENDED CANOPY
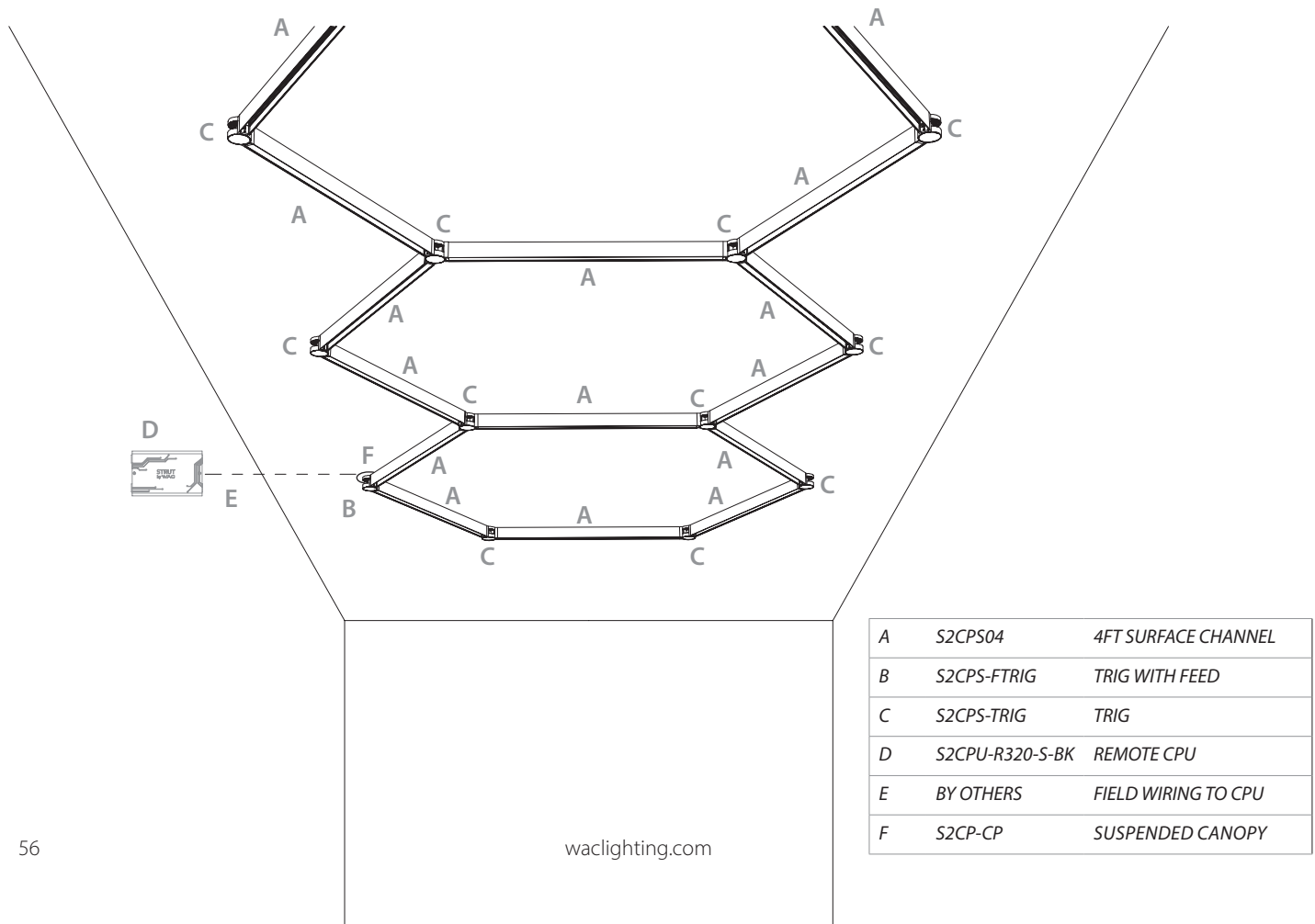
SURFACE CHANNELS

System	Model	Length		Finish	
S2	**CPS01** **CPS01.5** **CPS04** **CPS08** **CPS12**	1 ft Surface Channel 1.5 ft Surface Channel 4 ft Surface Channel 8 ft Surface Channel 12 ft Surface Channel	Connected Power Unit Required See page 44 (sold separately)	**BK** **WT**	*Black* *White*

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

2 ⁷⁄₈"
1 ³⁄₄"

CHANNEL COVER

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

TRIG

		Model	Finish	
	Trig with Feed *Includes 96in feed wire,* *and 2 channel connectors.* *Canopy sold separately.*	**S2CPS-FTRIG**	**BK** **WT**	*Black* *White*
	Trig *Includes 2 channel connectors.*	**S2CPS-TRIG**	**BK** **WT**	*Black* *White*
	Adapter *Additional Trig connectors*	**S2CPS-NADP**	**BK** **WT**	*Black* *White*

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

CONNECTORS

		Model	Finish	
	Feed End *Includes 24in feed wire*	**S2CS-FE**	**BK** **WT**	*Black* *White*
	Feed End Junction Box *3in junction box with* *side knockouts*	**S2CS-FEB**	**BK** **WT**	*Black* *White*
	I Connector *Joins two channel sections* *with electrical continuity*	**S2CSR-I**	**BK** **WT**	*Black* *White*
	Dead I Connector *Joins two channel sections* *without electrical continuity*	**S2C-ID**	**BK** **WT**	*Black* *White*
	L Connector *Joins two channel sections 90°.* *Feed separately*	**S2CPS-L**	**BK** **WT**	*Black* *White*
	T Connector *Joins three channel sections.* *Feed separately*	**S2CPS-T**	**BK** **WT**	*Black* *White*
	X Connector *Joins four channel sections.* *Feed separately*	**S2CPS-X**	**BK** **WT**	*Black* *White*
	Inside Corner *Joins ceiling to wall* *channel sections*	**S2CS-IC**	**BK** **WT**	*Black* *White*
	Outside Corner *Joins wall to wall* *channel sections*	**S2CS-OC**	**BK** **WT**	*Black* *White*
	End Cap *Additional end cap*	**S2CPS-EC**	**BK** **WT**	*Black* *White*

CONNECTORS

		Model	Finish	
	Surface/Suspended to ***Recessed Corner*** *Joins suspended or* *surface mounted channel* *to recessed trim channel*	**S2CPST-IC**	**BKBK** **BKWT** **WTWT** **WTBK**	*Black/Black* *Black/White* *White/White* *White/Black*
	Surface/Suspended to ***Recessed Corner*** *Joins suspended or surface* *mounted channel to* *recessed trimless channel*	**S2CPSL-IC**	**BKBK** **WTBK**	*Black/Black* *White/Black*

SUSPENSION HARDWARE

		Model	Finish	
	Canopy *Covers a standard 4in* *junction box.* *Use with Trig with Feed*	**S2CP-CP**	**BK** **WT**	*Black* *White*
	Suspension Loop *Mechanical loop* *Supports up to 15 lb*	**S2C-LOOP**	**BK**	*Black*

STRUT

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Ontario, CA 91761

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44 Harbor Park Dr
Port Washington, NY 11050

Central Factory
1600 Distribution Ct
Lithia Springs, GA 30122

Consult the factory to take advantage of our
custom capabilities in large quantities. For up to date
product specifications and assistance please
visit waclighting.com
or call
1-800-526-2588

TITLE 24

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