## LIGHTING WITHOUT LIMITS

# WAC-STRUT







## WAC-STRUT

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

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

#### UNINTERRUPTED BUSWAY

Patent-pending channel connectors allow elements to be installed anywhere inside WAC-STRUT channels.







#### HOT SLIDE

Magnetic infrastructure allows you to slide elements within the channel and adjust lighting effects while maintaining connectivity.

#### 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?

Did 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?

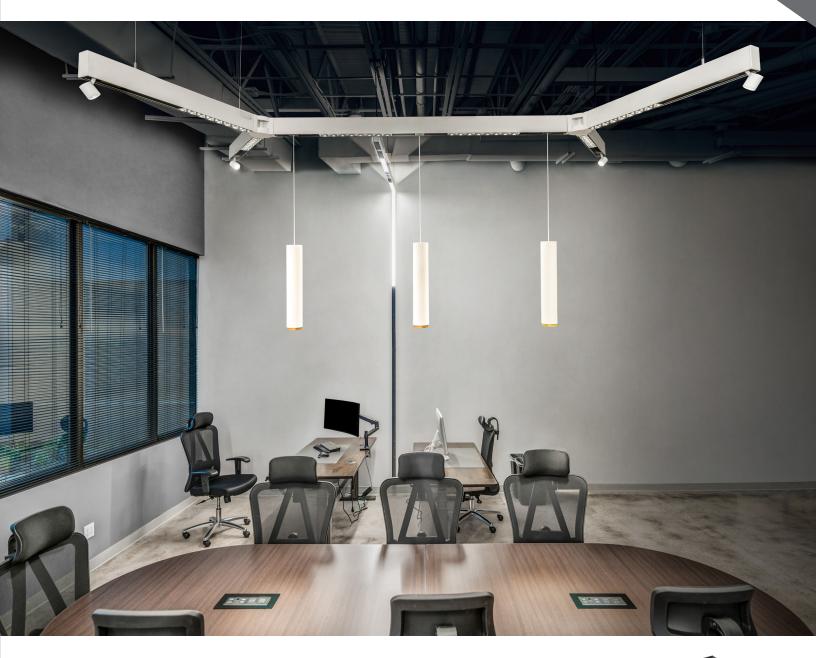
Place your luminaires in groups at any time without having to modify wiring. Lights are all uniquely addressable to be controlled individually or grouped as desired. All communications with the Connected Power Unit (CPU) are wired for stability and security. Integration to your control system can also be hardwired.

## LIGHTING WITHOUT LIMITS

## CHANGE ON SITE

WAC-STRUT is fully customizable.

Easy to specify and order without special knowledge, WAC-STRUT can adapt to changing design decisions with ease. Choose your components, the majority of which are ready to ship immediately.



**There is a light at the end of the corner.** Use Inside Corner connectors combined with Linear High Output Direct elements for a continuous line of light.

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See Page 61

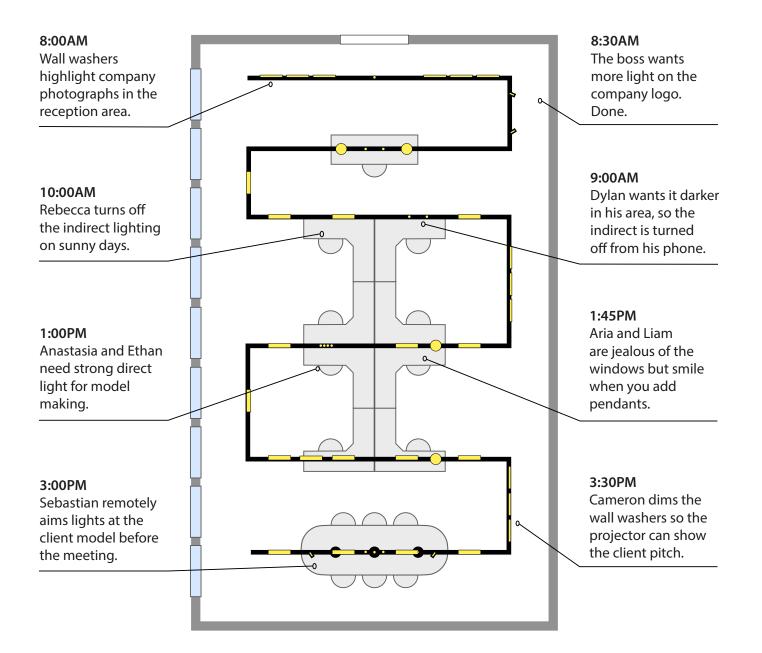
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WAC-STRUT

## CHANGE AS OFTEN AS YOU WISH

WAC-STRUT gives users the experience they've been looking for. Get set up 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.



## CHANGE OF CONTROL

WAC-STRUT is technology agnostic. Interfaces include TRIAC, ELV, 0-10V, DMX and Direct IP. Commission your lighting array through our wireless app, then integrate it with various control systems. You can specify WAC-STRUT with confidence, knowing that it is designed for seamless integration with the control systems that clients are already using.

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



## INDIVIDUAL CONTROL

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

## SCHEDULE

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.

## A TRUE MANUFACTURER

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



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

## SUBMITTALS

The WAC-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:

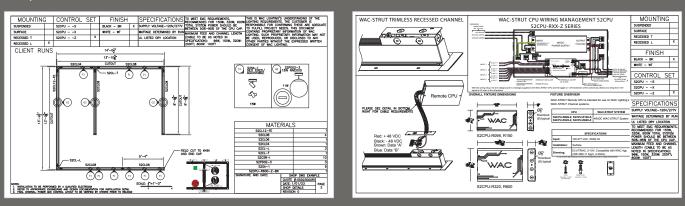
Detailed Bill of Materials

Shop Drawings for Installation Detail

Layouts



#### Technical Diagrams



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

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## **ELEMENTS**



To provide clients with a personalized and modular experience, WAC-STRUT offers the most comprehensive lighting, power and control system, complete with lighting elements designed for discriminating technical performance. WAC-STRUT incorporates direct and indirect illumination, wall wash, downlights, accent lights and pendants utilizing the latest connected control technologies.

A broad range of decorative and architectural elements create the perfect design for your space every time. Get exactly what you want, when you want it.



Whether a decorative pendant or functional accents and downlights, WAC-STRUT elements deliver task and ambient illumination for a broad range of commercial, institutional and residential projects.

This intuitive system is modular, adjustable, user-friendly and future-proof, developed with state-ofthe-art advancements in optics, LEDs, sensors and controls that help promote productivity, visual comfort, health and wellness.

Fully customizable, WAC-STRUT is easy to specify and order without special knowledge. This system can also adapt to changing in-process design decisions with ease.

## YOUR ARSENAL

Engineered to North American building and electrical standards, WAC-STRUT supports all of the following UL/cUL dry location listed, and Title 24 JA8 compliant lighting elements you see here. This is a complete program with Direct, Indirect, Wall Wash, Downlights, Spotlights, and Pendants.

#### DIRECT

A line of light with 3 lumen packages, 4 CCTs, and a flush or regressed option for superior glare control. p.20-21

#### INDIRECT

A high output or diffused option for indirect reflected illumination.

p.22-23

#### MULTI STEALTH DOWNLIGHTS

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

p.26-27

#### STEALTH WALL WASH

A discriminating Wall Wash performance from a sleek package that hides within.

p.24-25

#### STEALTH DOWNLIGHT

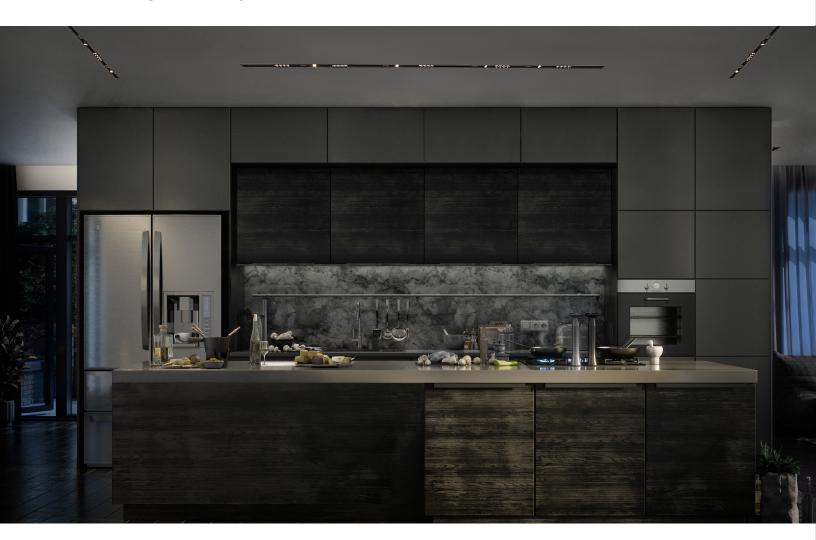
The cornerstone of your system. A low glare reflector design. Choose from multiple finishes.

p.28-29

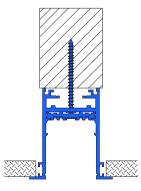


## **RECESSED CHANNEL**

Recessed channels flush to your ceilings and walls. Take advantage of the many discreet elements WAC-STRUT has to offer.



Available in: Black and White - 1 ft, 1.5 ft, 4 ft, 6 ft, 8 ft, 12 ft channels Channels may be field cut at end of run.



Recessed in Drywall

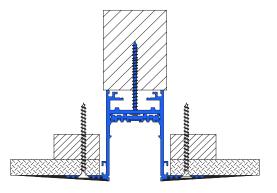
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## **RECESSED TRIMLESS CHANNEL**

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



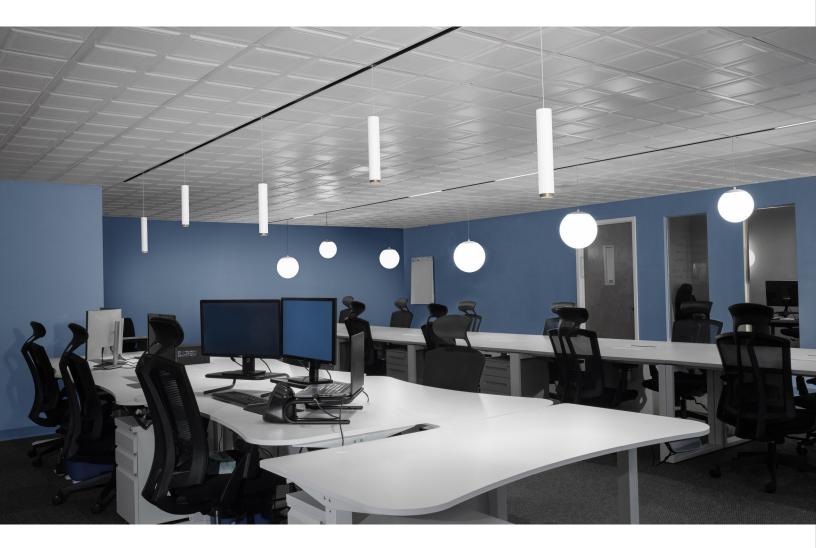
Available in: Black - 1 ft, 1.5 ft, 4 ft, 6 ft, 8 ft, 12 ft channels Channels may be field cut at end of run.



Recessed Trimless in Drywall

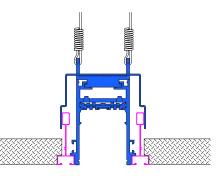
## **RECESSED GRID CHANNEL**

Integrate WAC-STRUT into popular acoustic ceiling tile grids with lay-in and tegular profiles.



Available in: White - 2 ft, 4 ft, 5 ft, 6 ft, 8 ft channels Channels may be field cut at end of run.

> Recessed in Grid G1 15/16" Lay-in G2 15/16" Tegular G3 9/16" Lay-in G4 9/16" Tegular G5 9/16" Slot

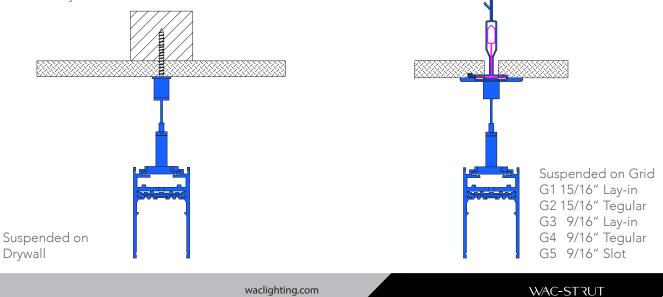


## SUSPENDED CHANNEL

For high ceiling applications, WAC-STRUT offers suspended channels with low profile aircraft cables or stem supports.



Available in: Black and White - 1 ft, 1.5 ft, 4 ft, 6 ft, 8 ft, 12 ft channels Channels may be field cut at end of run.

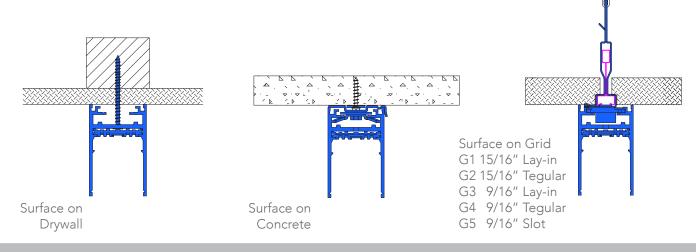


## SURFACE MOUNTED CHANNEL

Surface mount for lower sheetrock, concrete or grid ceilings. Channel covers in black and white may also be field cut to hide gaps between elements.



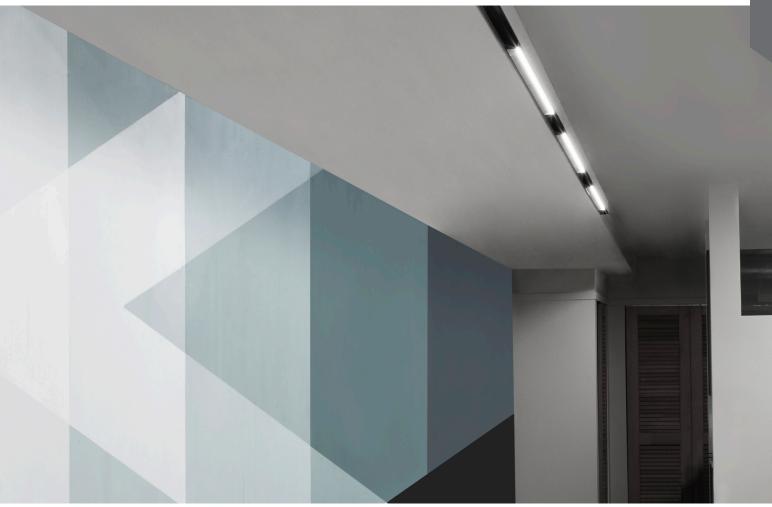
Available in: Black and White - 1 ft, 1.5 ft, 4 ft, 6 ft, 8 ft, 12 ft channels Channels may be field cut at end of run.



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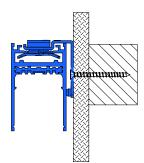
## WALL AND SOFFIT MOUNTED

Wall mount WAC-STRUT to drywall or concrete. Or utilize the same wall mount hardware to soffit mount WAC-STRUT to take advantage of wall washing or larger WAC-STRUT elements.



Available in: Black and White - 1 ft, 1.5 ft, 4 ft, 6 ft, 8 ft, 12 ft channels Channels may be field cut at end of run.

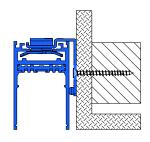
Wall mount on drywall



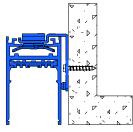


Wall mount on concrete

Soffit mount on drywall



Soffit mount on concrete



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## **HIGH OUTPUT & REGRESSED**

DIRECT ELEMENTS

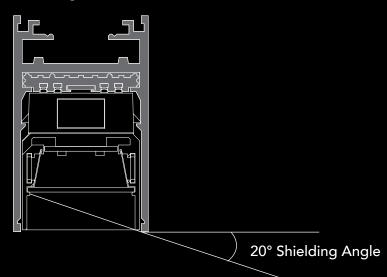
A line of light.

WAC-STRUT gives you many options for direct lighting. High output flush lens elements provide superior 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

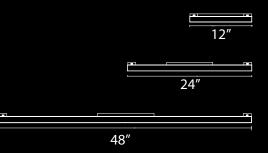


#### **Direct Regressed Element**



## 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.



#### **HIGH OUTPUT DIRECT**

System	Model	Leng	Length Po		wer	Max Lumens	Color	Temp	CRI	Finis	h
		12		2	7W 10W 14.5W	470 670 910					
<b>S</b> 2	DH Direct Lens	Flush 24		2	12.5W 18.5W 27W	970 1,370 1,850	F927 F930 F935 F940	2700K 3000K 3500K 4000K	90	ВК	Black
		48	48″	2	24.5W 37W 53W	1,940 2,740 3,690					

Example: S2DH12-1-F930BK

#### **REGRESSED DIRECT**

							IVIAX					
System	Model		Leng	th	Pc	wer	Lumens	Color	Temp	CRI	Finish	
			12	12″	1 2 3	7W 10W 14.5W	350 500 690					
<b>S</b> 2	DR	Direct Regressed Lens	24	24″	1 2 3	12.5W 18.5W 27W	740 1,050 1,410	F927       2700K         F930       3000K         F935       3500K         F940       4000K	90	<b>BK</b> Black		
			48	48″	1 2 3	24.5W 37W 53W	1,470 2,090 2,810		Toook			

Example: S2DR24-1-F930BK

## HIGH OUTPUT & DIFFUSED INDIRECT ELEMENTS

Add another dimension of light.

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

CULUS LISTED CALIFORNIA



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.

47 %"

#### INDIRECT

System	Model	Leng	gth	Pc	ower	Max Lumens	Color	Temp	CRI	
S2	ID Indirect	48	48″	2	24W 36W 48W	1,820 2,730 3,650	F930 F935	2700K 3000K 3500K 4000K	90	

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	Mo	del				Max Power	Total Length Per Power Supply
52	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		Туре	
LENS-S2				CL	Clear Lens
	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, 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 53WLumens:Up to 930 lm/ftComparable to:T5HO (using elements at Power Level 3)Dimming:100% - 0.1%Input:48V DCRated Life:50,000 hours

CULISTED LISTED CALIFORNIA

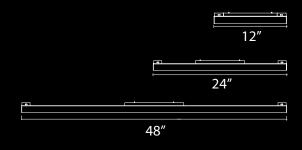


## SMOOTH, EVEN DISTRIBUTION

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



#### Vertical spread Illumination from top to bottom of wall



#### STEALTH WALL WASH

<b>c</b> .							Max					D		-		Finish	
System	Mode	9	Leng	th	h Power		Lumens	Beam	Color	lemp	CRI	Fini	sh				
52		Linear Wall Wash	12	12″	1 2 3	7.0W 10.5W 14.5W	500 690 930	A930									
	ww		24	24″	1 2 3	12.0W 19.5W 27.5W	910 1,350 1,810		3000K 3500K	90	ВК	Black					
			48	48″	1 2 3	24.0W 35.0W 53.0W	1,820 2,700 3,630		A940	40001							

Example: S2WW12-1-A940BK

WALL WASH E	WALL WASH ELEMENT LENGTH / AVERAGE WALL ILLUMINANCE									
8' CEILIN	lG	3000K	1', 2', 4'							
		Power 1	28 fc							
	3'	Power 2	41 fc							
DISTANCE		Power 3	55 fc							
FROM WALL	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.

Multi stealth downlights feature a quiet aperture for a nearly glare-free environment. With multiple lumen packages, as well as beam and finish options, these downlights complement other elements in your WAC-STRUT array. Three power level options are available to accommodate power and lighting appropriately to applications.

Up to
Up to
100%
48V E
50,00

Jp to 21.5W Jp to 1,120 lm/ft 100% - 0.1% 48V DC 50,000 hours



PATENTED

#### QUIET CEILING

Offers a circular blanket of coverage in a single-size downlight 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)



ØØØØ

6″

12"

24″

## 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.

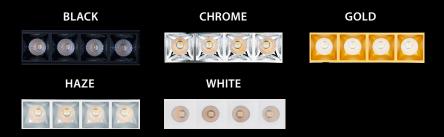


#### **MULTI STEALTH DOWNLIGHTS**

Example: S2MD12-1-F930BK



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



## **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 WAC-STRUT array, and field changeable optics and trims add another level of design customization.

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

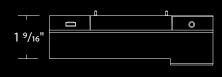


ONE OR TWO OR MORE Add multiple downlights side by side or anywhere along your WAC-STRUT system.

# TOTO

## DESIGNER OPTICS

An engineered reflector curve for glare control and a variety of luxurious finishes customized to each design.





#### STEALTH DOWNLIGHT

System	Model	Power	Beam	Color	<sup>-</sup> Temp	CRI	Max Lumens	Max CBCP	Finisł	ı
52	SD-1	8.5W	S 19° N 32° F 50°	927 930 935 940	2700K 3000K 3500K 4000K	90	650	2720	BK CH GL HZ WT	Black Chrome Gold Haze White

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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#### Example: S2C-COV08-BK

REPLACEMENT	TRIMS	BLACK	CHROME	GOLD	HAZE	WHITE
Black Trim Chrome Trim Gold Trim Haze Trim White Trim	REF-S2SD02-BK REF-S2SD02-CH REF-S2SD02-GL REF-S2SD02-HZ REF-S2SD02-WT					

Stealth Cube and Tube on recessed trimless channel

## **STEALTH CUBE & TUBE** ADAPTABLE ELEMENT

Ample comfortable illumination.

Installed anywhere along a channel or side by side in pairs, Stealth Cube and Tube provide beautiful, glare-free illumination. They can be adjusted with various optics and trims in the field to raise the level of design customization.

Power: Lumens: Dimming: Input: Rated Life: 15W Up to 1470 lm 100% - 0.1% 48V DC 50,000 hours

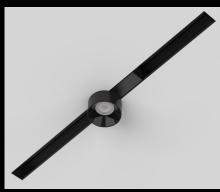


## DESIGNER OPTICS

Versatile optic selections are available to enhance WAC-STRUT.





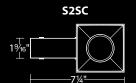


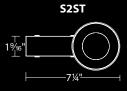
Configuration "A" for midchannel surface or suspended WAC-STRUT systems Configuration "B" for L, X, T or end of run channel locations on surface or suspended WAC-STRUT systems Configuration "C" for recessed trim or trimless WAC-STRUT systems





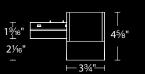
Stealth Cube and Tube on surface or suspended channel

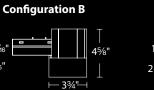


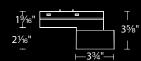


**Configuration A** 

**Configuration** C







#### **STEALTH CUBE**

System	Model	Power	Be	am	Colo	r Temp	CRI	Max Lumens	Max CBCP	Hous	ing Finish	Trim F	inish
S2	SCA-1 SCB-1 SCC-1		Ν	20°	020	2700K 3000K 3500K 4000K	90	1470	5745	ВК WT	Black White	BK CH GL HZ WT	Black Chrome Gold Haze White

Example: S2SCA-1-S930BKCH

#### **STEALTH TUBE**

System	Model	Power	Bea	am	Colo	r Temp	CRI	Max Lumens	Max CBCP	Hous	ing Finish	Trim Fi	nish
52	STA-1 STB-1 STC-1	15W	Ν	20° 38° 50°	930	2700K 3000K 3500K 4000K	90	1455	5685	BK WT	Black White	BK CH GL HZ WT	Black Chrome Gold Haze White

Example: S2STB-1-S930WTHZ

#### **CUBE REPLACEMENT TRIMS**

Black Trim	REF-S2SC-BK
Chrome Trim	REF-S2SC-CH
Gold Trim	REF-S2SC-GL
Haze Trim	REF-S2SC-HZ
White Trim	REF-S2SC-WT

#### **TUBE REPLACEMENT TRIMS**

Black Trim	REF-S2ST-BK
Chrome Trim	REF-S2ST-CH
Gold Trim	REF-S2ST-GL
Haze Trim	REF-S2ST-HZ
White Trim	REF-S2ST-WT

BLACK

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CHROME









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## **STEALTH SILO** UNMATCHED VERSATILITY

A patented 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 li
Comparable to:	35W MR11
Dimming:	100% - 0.1%
Input:	48V DC
Rated Life:	50,000 hou



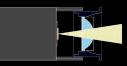
## BOTH.

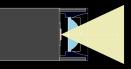
These lights extend from the WAC-STRUT channel for accenting, or fully retract within channels for a downlight configuration. 90° vertical and 360° horizontal aiming, with a continuously adjustable beam angle between 15°-50°.

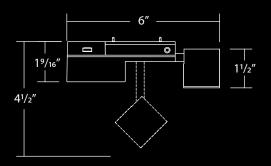
#### RETRACTABLE



#### ADJUSTABLE 15°-50°







#### **STEALTH SILO**

System	Model	Power	Beam	Color Temp	CRI	Max Lumens	Max CBCP	Finish
52	SS	1 6.5W	15°-50°	927 2700K 930 3000K 935 3500K 940 4000K	90	430	2,320	BK Black WT 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 S2SA-1 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:
Lumens:
Comparable to:
Dimming:
Input:
Rated Life:

15W Up to 1,230 lm 75W MR16 100% - 0.1% 48V DC 50,000 hours

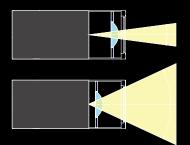


PATENTED

Continuously adjustable beam angles from 15° to 40°

california JA8

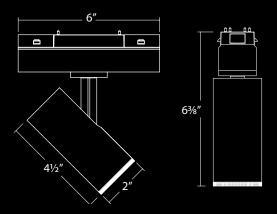
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## SHAPE YOUR BEAM

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	r Temp	CRI	Max Lumens	Max CBCP	Finish	
52	SA	<b>1</b> 15W	15° - 40°	930	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	<b>1</b> 15W	5 15° N 25°	9272700K9303000K9353500K9404000K	90	1,230	9,400	BK Black WT 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

## SILO S2SA-2 HIGH OUTPUT ACCENTING

Superior aimable light output.

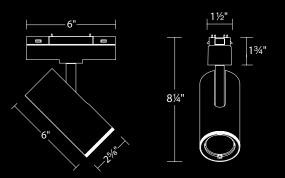
Fixed Beam high lumen output elements at 15° Spot, 25° Narrow Flood, 38° Flood, or 50° Wide Flood with dedicated optics. Glare control and lens accessories give you even greater control.

Power:	
Lumens:	
Comparable to:	
Dimming:	
Input:	
Rated Life:	

27W Up to 2,590 lm 39W HID 100% - 0.1% 48V DC 50,000 hours







### SILO S2SA-2

System	Model	Pow	ver	Bea	im	Colo	r Temp	CRI	Max Lumens	Max CBCP	Finis	h
52	SA	2	27W	S N F W	15° 25° 38° 50°	927 930 935 940	2700K 3000K 3500K 4000K	90	2,590	13,530	BK WT	Black White
Example: <b>\$2\$4-2-\$930BK</b>					Access	ories: Acc	ents one	lens or glare	control acc	essorv		

### 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

# FOLLOWME SILO MOTORIZED ELEMENT

A smart responsive moving spotlight.

This patented, tracking adjustable spotlight is the final touch to getting the most out of your intelligent WAC-STRUT system. Digital 360° panning, 0-90° tilting, and liquid crystal 15-50° beam angle adjustment. Glare control and lens accessories are also available for even more control.

Power:
Lumens:
Comparable to:
Dimming:
Input:
Rated Life:

22W Up to 1,335 lm 75W MR16 100% - 0.1% 48V DC 50,000 hours



PATENTED



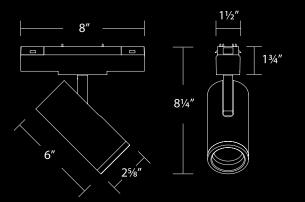
360°



90°

# NO LADDER REQUIRED

FOLLOWME SILO features automated beam adjustment, motorized pan and tilt head adjustment. All controlled through the WAC app or DMX control.



### FOLLOWME SILO

System	Model	Power	Beam	Color	Temp	CRI	Max Lumens	Max CBCP	Finish	
52	FM	<b>1</b> 22W	15° - 50°	927 930 935 940	2700K 3000K 3500K 4000K	90	1,335	21,430	BK WT	Black White

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



# STEALTH FRAMING PROJECTOR

A sophisticated option for lighting art and collectibles, the WAC-STRUT Stealth Framing Projector delivers performancebased direct accent lighting in upscale residential, art gallery, retail, hospitality and museum settings.

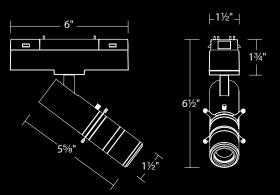
Power:
Lumens:
Dimming:
Input:
<b>Rated Life:</b>

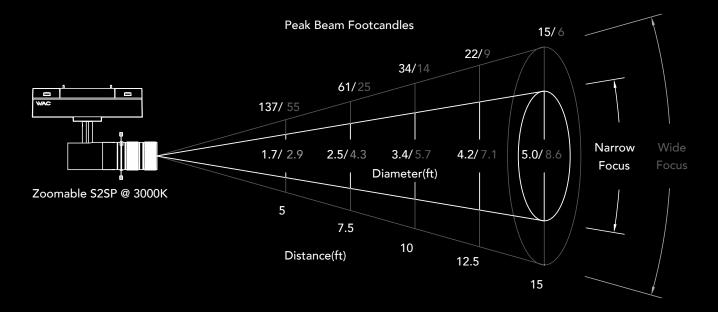
10W Up to 380lm 100% - 0.1% 48V DC 50,000 hours





The Stealth Framing Projector can also feature a Gobo, a custom cut template, to shape the light in complex light patterns, custom logos, etc. to further enhance your lighting design.





### STEALTH FRAMING PROJECTOR

System	Model	Power	Beam	Color	Temp	CRI	Max Lumens	Max CBCP	Finis	h
S2	SP	<b>1</b> 10W	20°-35°	930	2700K 3000K 3500K 4000K	90	380	3,720	BK WT	Black White

Example: S2SP-1-930BK

# SILO PENDANT

# 12" & 14" CYLINDERS

Combining our beloved Silo adjustable beam pendant with WAC-STRUT system.

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

CUUUS JAS

15°

PATENTED

Shape beam from 15° to 45°

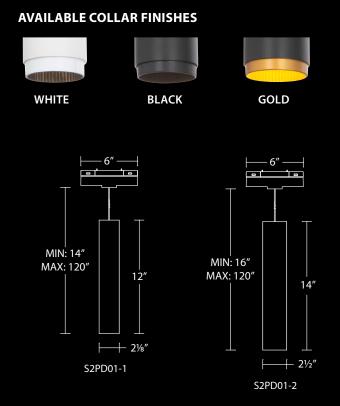
SLEEK, FULLY ADJUSTABLE DESIGN

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



45°

Suspension cable retracts inside fixture body for precise height adjustment.



## SILO PENDANTS

1

System	Model	Power	Size	Beam	Color	Temp	CRI	Max Lumens	Max CBCP	Finish	Body/Collar
52	PD01	15W	1 12"	15° - 45 °	927 930 935 940	2700K 3000K 3500K 4000K	90	760	3,220	BKBK BKGL BKWT WTBK WTGL WTWT	Black/Black Black/Gold Black/White White/Black White/Gold White/White
52	PD01	20W	<b>2</b> 14"	15 ° - 45°	927 930 935 940	2700K 3000K 3500K 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 swag hook is available to suspend pendants apart from the architectural channels.

Hook	System	Size	Model	Finish	
	<b>S2</b>	1″x1½″	PD-HOOK	BK WT	Black White

Example: S2PD-HOOK-BK

waclighting.com

# **NIVEOUS PENDANT** LUMINOUS ORB ELEMENT

Add a playful element to the design with our Niveous pendant. Mouth-blown 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: Lumens: Dimming: Input: Rated Life: Up to 11W Up to 1,140 lm 100% - 0.1% 48V DC 50,000 hours



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

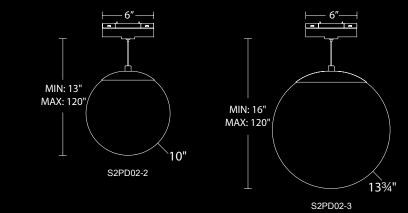




1

# SIMPLE PURITY

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



¢,

NIVEOUS	PENDANTS	5				Max				
System	Model	Size		Power	Color	Temp	CRI	Lumens	Finish	
52	PD02	2	10"	11W	927 930 935 940	2700K 3000K 3500K 4000K	90	1,140	BK SN WT	Black Satin Nickel White
<b>S2</b>	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 swag 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:
Lumens:
Dimming:
Input:
<b>Rated Life:</b>

18W Up to 1,780lm 100% - 0.1% 48V DC 50,000 hours



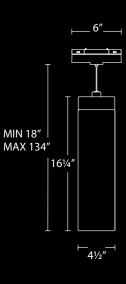
For precise height adjustment, suspension cable retracts 6" inside fixture adapter.





# 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 <sup>-</sup>	Temp	CRI	Max Lumens	Finish	
S2	PD03	<b>2</b> 4 1/2" x 16 1/4"	18W		2700K 3000K 3500K 4000K	90	1,780	BK SN WT	Black Satin Nickel White

Example: S2PD03-2-927BK

Optional swag 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





# FLARE PENDANT PILLARS OF LIGHT

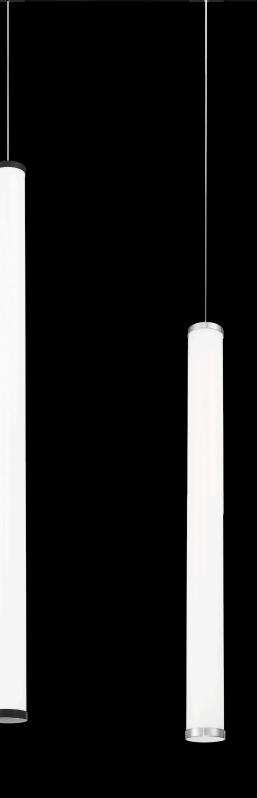
Symmetrical, cylindrical and aerodynamic. A durable aluminum housing and polycarbonate diffuser provide 360 degrees of even illumination. Flare is right at home in your WAC-STRUT array, whether alone or in multiples.

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



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

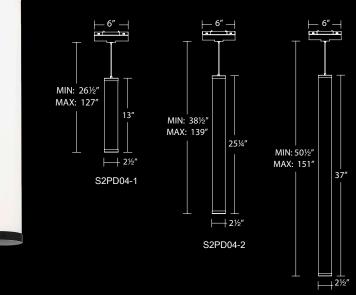




1

# LUMINOUS OPTIONS

Symmetrical, cylindrical and aerodynamic.



S2PD04-3

### FLARE PENDANTS

System	Model	Size	e	Power	Color	Temp	CRI	lviax Lumens	Finish	
52			13" 25" 37"	9W 23W 32W	930	3000K	90	590 1,270 1,870	BK BN	Black Brushed Nickel

Example: S2PD04-1-930BK

Optional swag 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





# **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:
Lumens:
Dimming:
Input:
Rated Life:

Up to 25W Up to 2,070lm 100% - 0.1% 48V DC 50,000 hours



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







### **VOLO PENDANTS**

System	Model	Size		Power	Color	Temp	CRI	Max Lumens	Finish	
<b>S2</b>	PD05	1	44"	18W	927 930 935 940	2700K 3000K 3500K 4000K	90	1,590	AL BK	Brushed Aluminum Black
<b>52</b>	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 swag hook is available to suspend pendants apart from the architectural channels.

Hook	System	Size	Model	Finish	
	<b>S2</b>	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 patented Connected Power Unit (CPU) is the powerhouse of your WAC-STRUT system. It manages every aspect of WAC-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.



REMOTE CPU	System	Model	Power		Control Protocol			h
Suspended Channels Surface Channels	S2CPU	R	096	96W Hardwired	s X Z			
			150	150W Hardwired		0-10V, ELV, and TRIAC DMX, 0-10V, ELV and TRIAC 0-10V x4, ELV, and TRIAC	вк	Black
Recessed Channels			320	320W Hardwired			DK	ыйск
			600	600W Hardwired				

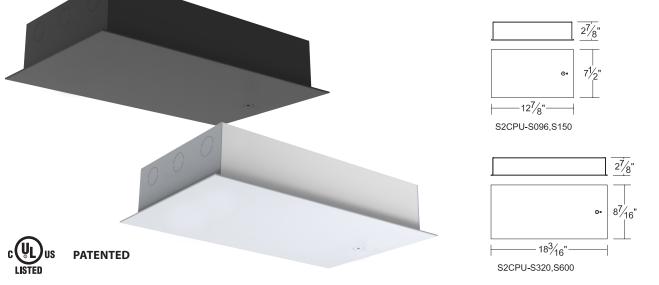
### Example: S2CPU-R150-X-BK

# INTELLIGENCE

WAC-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 WAC-STRUT system.

# INSTALLATION

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



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

Example: S2CPU-S320-S-WT

### TOTAL FEED AND CHANNEL LENGTH

CPU	FEED	WAC-STRUT				
CONNECTED POWER UNIT RANGE						
POWER SUPPLY			96W	150W	320W	600W
TOTAL FEED ANI	D CHANNEL LE	NGTH	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.





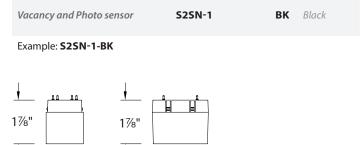
# VACANCY/PHOTO SENSOR

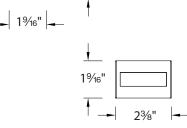
Two devices in one. A vacancy sensor tuned for human detection in a space and a state-ofthe-art ambient light sensor combined in one discreet package that uses the WAC-STRUT wired communications to relay information back to the CPU. Installs anywhere within the system irrespective of the elements it will be controlling. Sensitivity can be adjusted in the WAC app.

# DAY AND NIGHT

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

Working late? WAC-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.





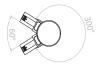
waclighting.com



### MAKE PATTERNS AS UNIQUE AS YOU

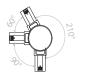
There's no need to order complicated connectors. Our patent-pending TRIG hub system features six connection points that allow you to make a variety of patterns on the ceiling or on the wall.

































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.



CONNECTORS			Finish	1
8÷	<b>Trig with Feed</b> Includes 96" feed wire and 2 channel connectors. Suspension Hardware sold separately. Aircraft cable only.	S2CPS-FTRIG	BK WT	Black White
8+	<b>Trig</b> Includes 2 channel connectors. Suspension Hardware sold separately. Stem and Aircraft cable compatible.	S2CPS-TRIG	BK WT	Black White
	<b>Adapter</b> Additional Trig connectors	S2CPS-NADP	BK WT	Black White

# RECESSED TRIM

CHANNEL

# BUILD IT

### CHOOSE YOUR CHANNELS AND CONNECTORS

- Power feed from feed end channel or feed end junction box or I connector to energize your run.
- Support WAC-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 up to 4 ft section. Minimum three supports per 6 ft, 8 ft and 12 ft section.
- For patterns, choose L, T, X, or corners. I connectors sold separately.

Note: WAC-STRUT is field cut at end of run or between channels using below bus bar connector S2C-IB-BK. 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)

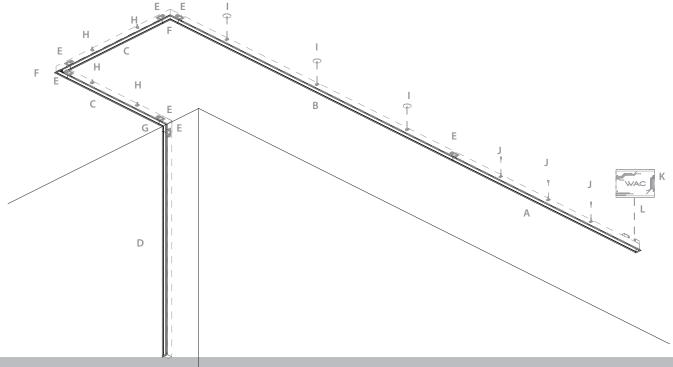
- Select remote mount CPU.
- Select appropriate wattage based on total system wattage.

Note: recommend sizing up wattage as feasible for increased system capability.

### ACCESSORIZE

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

Α	S2CT08-FE	8 FT FEED END RECESSED CHANNEL	G	S2CT-IC	RECESSED INSIDE CORNER
В	S2CT12	12 FT RECESSED CHANNEL	Н	S2CR-CLIP	1/4"-20 TIE ROD MOUNTING CLIP
С	S2CT04	4 FT RECESSED CHANNEL	1	S2C-S96	STEM SUSPENSION
D	S2CT08	8 FT RECESSED CHANNEL	J	S2C-C96	CABLE SUSPENSION
Ε	S2CSR-I	ICONNECTOR	К	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 52 (sold separately)	<b>BK</b> Black <b>WT</b> 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	
52	CT01 CT01.5 CT04 CT06 CT08 CT12	1 ft Trim Recessed Channel 1.5 ft Trim Recessed Channel 4 ft Trim Recessed Channel 6 ft Trim Recessed Channel 8 ft Trim Recessed Channel 12 ft Trim Recessed Channel	To extend channel runs after feed end	<b>BK</b> Black <b>WT</b> White	2 <sup>7</sup> /8"

2<sup>2</sup>/s"

25/8"

Example: S2CT08-BK

Each section comes with two matching end caps and may be cut at end run.

CHANNEL COVER			Finish
	<b>Channel Cover 8 ft</b> 8 ft length may be field cut. Suitable for top or bottom channel coverage.	S2C-COV08	<b>BK</b> Black <b>WT</b> White

CONNEC	TORS	Model	Finis	h
·	<i>Feed End Junction Box</i> 5" junction box with side knockouts	S2CT-FEB	ВК WT	Black White
- Cree	I Connector with Feed Feeds and joins two sections of channel with electrical continuity. Includes field cuttable 96" wire and conduit.	S2CR-FI	вк	Black
	<i>I Connector</i> Joins two channel sections with electrical continuity	S2CSR-I	вк	Black
	<b>Dead I Connector</b> Joins two channel sections without electrical continuity	S2C-ID	вк	Black
	<b>Below Bus Bar I Connector</b> Joins two sections of field cut channel with electrical continuity. Installs onto underside of channel bus bar for interrupted bus bar.	S2C-IB	BK	Black
>	<b>L Connector</b> Joins two channel sections 90°	S2CT-L	BK WT	Black White
	<b>T Connector</b> Joins three channel sections	S2CT-T	BK WT	Black White
*	<b>X Connector</b> Joins four channel sections	S2CT-X	BK WT	Black White
	Inside Corner Joins ceiling to wall channel sections	S2CT-IC	BK WT	Black White
¥	<b>Outside Corner</b> Joins wall to wall channel sections	S2CT-OC	BK WT	Black White

CONNE	ECTORS	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
F	<b>End Cap</b> Additional end cap	S2CT-EC	BK WT	Black White

SLISPE	NSION HARDWARE	Model	Finish	
	Mount Clip Supports recessed channel with 1/4 - 20 threaded rod (rod by others)	S2CR-CLIP		Black
	<b>Cable Suspension</b> Supports recessed channel from plenum ceiling. Includes 96" aircraft cable; may be field cut	S2C-C96	BK NI	Black Nickel
	<b>Stem Suspension</b> Supports recessed channel from plenum ceiling. Includes two 48" stem; may be field cut	S2C-S96	BK WT	Black White
Ş	<b>Suspension Loop</b> Mechanical loop Supports up to 15 lb	S2C-LOOP	вк	Black

# RECESSED TRIMLESS CHANNEL

# BUILD IT

### CHOOSE YOUR CHANNELS AND CONNECTORS

- Power feed from feed end channel or feed end junction box or I connector to energize your run.
- Support WAC-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 up to 4 ft section. Minimum three supports per 6 ft, 8 ft and 12 ft section.
- For patterns, choose L, T, X, or corners. I connectors sold separately.

Note: WAC-STRUT is field cut at end of run or between channels using below bus bar connector S2C-IB-BK. 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)

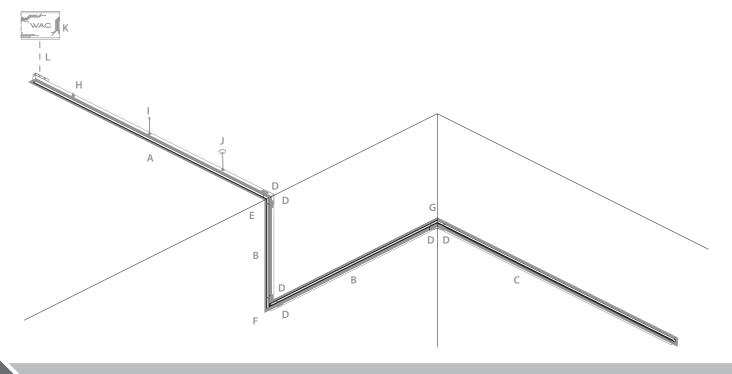
- Select remote mount CPU.
- Select appropriate wattage based on total system wattage.

Note: recommend sizing up wattage as feasible for increased system capability.

### ACCESSORIZE

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

Α	S2CL08-FE	8 FT FEED END RECESSED TRIMLESS CHANNEL	G	S2CL-OC	RECESSED TRIMLESS OUTSIDE CORNER
В	S2CL04	4 FT RECESSED TRIMLESS CHANNEL	Н	S2CR-CLIP	1/4"-20 TIE ROD MOUNTING CLIP
С	S2CL08	8 FT RECESSED TRIMLESS CHANNEL	1	S2C-C96	CABLE SUSPENSION
D	S2CSR-I	ICONNECTOR	J	S2C-S96	STEM SUSPENSION
Ε	S2CL-IC	RECESSED TRIMLESS INSIDE CORNER	К	S2CPU-R600-S-BK	REMOTE CPU
F	S2CL-L	RECESSED TRIMLESS L CONNECTOR	L	<b>BY OTHERS</b>	FIELD WIRING TO CPU



### POWER FEED END RECESSED TRIMLESS CHANNELS

System	Model	Description		Finish	
52	CL08-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 52 (sold separately)	<b>BK</b> Black	

### RECESSED TRIMLESS CHANNELS

S2       CL01       1 ft Trimless Recessed Channel         CL03       1.5 ft Trimless Recessed Channel         CL04       4 ft Trimless Recessed Channel         CL06       6 ft Trimless Recessed Channel         To extend channel runs after feed end         BK	System	Nodel Description		Finish	Le	т
	52	L01.51.5 ft Trimless Recessed ChannelL044 ft Trimless Recessed ChannelL066 ft Trimless Recessed ChannelL088 ft Trimless Recessed Channel	To extend channel runs after feed end	<b>BK</b> Black		2 7/8"

CHANNEL COVER				
	<b>Channel Cover 8 ft</b> 8 ft length may be field cut. Suitable for top or bottom channel coverage.	S2C-COV08	<b>BK</b> Black <b>WT</b> White	

CONNEC	TORS	Model	Fini	sh	CONNEC	TORS	Model	Finish	
	<b>Feed End Junction Box</b> 5" junction box with side knockouts. Includes BK and WT covers.	S2CL-FEB				Surface/Suspended to Recessed Corner Joins suspended or surface mounted channel to	S2CPSL-IC		Black/Black White/Black
	I Connector with Feed Feeds and joins two sections of channel with electrical continuity. Includes field cuttable 96" wire and conduit.	S2CR-FI	вк	Black		recessed trimless channel End Cap	S2CL-EC	вк	Black
	<i>I Connector</i> Joins two channel sections with electrical continuity	S2CSR-I BK Black		Additional end cap		2	Linen		
	<b>Dead I Connector</b> Joins two channel sections without electrical continuity	S2C-ID	вк	Black	SUSPEN	SION HARDWARE	Model	Finish	_
	<b>Below Bus Bar I Connector</b> Joins two sections of field cut channel with electrical continuity. Installs onto underside of channel bus bar for interrupted bus bar.	S2C-IB	вк	Black	4	<i>Mount Clip</i> Supports recessed channel with 1/4 - 20 threaded rod (rod by others)	S2CR-CLIP	вк	Black
	<b>L Connector</b> Joins two channel sections 90°	S2CL-L	BK	Black	ţ.	<b>Cable Suspension</b> Supports recessed channel from plenum ceiling.	S2C-C96	BK NI	Black Nickel
	<b>T Connector</b> Joins three channel sections	S2CL-T	вк	Black	4	Includes 96" aircraft cable; may be field cut.			
	<b>X Connector</b> Joins four channel sections	S2CL-X	BK	Black	•	<b>Stem Suspension</b> Supports recessed channel from plenum ceiling.	S2C-S96	BK WT	Black White
	Inside Corner Joins ceiling to wall	S2CL-IC	CL-IC BK Bla		Ļ	Includes two 48" stem; may be field cut.			
	channel sections Outside Corner Joins wall to wall channel sections	S2CL-OC	BK	Black		<b>Suspension Loop</b> Mechanical loop Supports up to 15 lb	S2C-LOOP	вк	Black

# RECESSED GRID CHANNEL

# BUILD IT

### CHOOSE YOUR CHANNELS AND CONNECTORS

- Power feed from feed end channel or I connector with feed to energize your run.
- Support WAC-STRUT with tie wires or 1/4"-20 tie rod (by others), using S2CR-CLIP-BK (sold separately). Minimum two supports per up to 5 ft section. Minimum three supports per 6 ft and 8 ft section.
- For patterns, choose L connector. I connectors sold separately.

Note: WAC-STRUT is field cut at end of run or between channels using below bus bar connector S2C-IB-BK. For patterns and custom length channels, consult factory.

### CHOOSE YOUR ELEMENTS

• Refer to element specifications to appropriately select elements.

- Note: Grid channel lengths are shorter than nominal, pay attention when selecting element lengths.
- 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: recommend sizing up wattage as feasible for increased system capability.

### ACCESSORIZE

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

Distance Between Grid Centers (ft)	WAC-STRUT Channel Components	Distance Between Grid Centers (ft)	WAC-STRUT Channel Components
2	2' FE	21	8' FE + 8' EXT + 5' EXT
3	Field cut 4' FE or Custom order from factory	22	8' FE + 8' EXT + 6' EXT
4	4' FE	23	8' FE + 5' EXT + 5' EXT + 5' EXT
5	Field cut 6' FE or Custom order from factory	24	8' FE + 8' EXT + 8' EXT
6	6' FE	25	8' FE + 6' EXT + 6' EXT + 5' EXT
7	Field cut 8' FE or Custom order from factory	26	8' FE + 6' EXT + 6' EXT + 6' EXT
8	8' FE	27	8' FE + 8' EXT + 6' EXT + 5' EXT
9	4' FE + 5' EXT	28	8' FE + 8' EXT + 6' EXT + 6' EXT
10	4' FE + 6' EXT	29	8' FE + 8' EXT + 8' EXT + 5' EXT
11	6' FE + 5' EXT	30	8' FE + 8' EXT + 8' EXT + 6' EXT
12	6' FE + 6' EXT	31	8'FE + 6' EXT + 6' EXT + 6' EXT + 5' EXT
13	8' FE + 5' EXT	32	8' FE + 8' EXT + 8' EXT + 8' EXT
14	8' FE + 6' EXT	33	8'FE + 8'EXT + 6'EXT + 6'EXT + 5'EXT
15	4' FE + 6' EXT + 5' EXT	34	8'FE + 8'EXT + 6'EXT + 6'EXT + 6'EXT
16	8' FE + 8' EXT	35	8' FE + 8' EXT + 8' EXT + 6' EXT + 5' EXT
17	6' FE + 6' EXT + 5' EXT	36	8' FE + 8' EXT + 8' EXT + 6' EXT + 6' EXT
18	8' FE + 5' EXT + 5' EXT	37	8'FE + 8'EXT + 8'EXT + 8'EXT + 5'EXT
19	8' FE + 6' EXT + 5' EXT	38	8'FE + 8'EXT + 8'EXT + 8'EXT + 6'EXT
20	8' FE + 6' EXT + 6' EXT	39	8' FE + 8' EXT + 6' EXT + 6' EXT + 6' EXT + 5' EXT
		40	8' FE + 8' EXT + 8' EXT + 8' EXT + 8' EXT

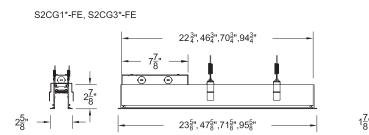
Note: Channel I connectors and accessories not shown in above chart and sold separately

Note: If a run requires multiple CPUs, options are to use recessed I connector with feed in conjunction with dead I connector or custom order from factory. Consult factory for configuration of runs longer than 40 ft.

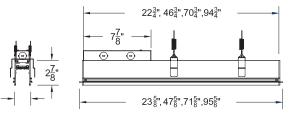
### POWER FEED END RECESSED GRID CHANNELS

System	Model	Description	Length			Finis	h
S2	CG1 CG2 CG3 CG4 CG5	Recessed Grid Channel 15/16" Lay-In Recessed Grid Channel 15/16" Tegular Recessed Grid Channel 9/16" Lay-In Recessed Grid Channel 9/16" Tegular Recessed Grid Channel 9/16" Slot	02-FE 04-FE 06-FE 08-FE	2 ft Feed End 4 ft Feed End 6 ft Feed End 8 ft Feed End	Required Power Feed Run. Connected Power Unit Required.	wт	White

Example: S2CG504-FE-WT Each section comes with two matching end caps and may be cut at end run.





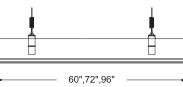


### EXTENSION RECESSED GRID CHANNELS

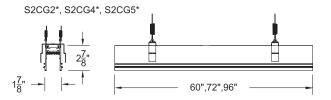
System	Model	Description	Length	า		Finis	sh
S2	CG1 CG2 CG3 CG4 CG5	Recessed Grid Channel 15/16" Lay-In Recessed Grid Channel 15/16" Tegular Recessed Grid Channel 9/16" Lay-In Recessed Grid Channel 9/16" Tegular Recessed Grid Channel 9/16" Slot	05 06 08	5 ft Extension 6 ft Extension 8 ft Extension	To extend channel runs after feed end	wt	White

Example: S2CG105-WT





Does not include end caps. May be cut at end of run.



### CHANNEL COVER

### Channel Cover 8 ft

8 ft length may be field cut. Suitable for top or bottom channel coverage.

S2C-COV08



CONNEC	TORS	Model	Finis	h	- 1	CONNE
	I Connector with Feed Feeds and joins two sections of channel with electrical continuity. Includes field cuttable 96" wire and conduit.	S2CR-FI	BK	Black	_	1
	<i>I Connector</i> Joins two channel sections with electrical continuity.	S2CSR-I	BK	Black		
	<b>Dead I Connector</b> Joins two channel sections without electrical continuity.	S2C-ID	BK	Black		
	Below Bus Bar I Connector Joins two sections of field cut channel with electrical continuity. Installs onto underside of channel bus bar for interrupted bus bar.	S2C-IB	BK	Black		SUSPEN

CONNEC	TORS	Model	Finis	sh
1	L Connector Use to join two sections 90°. I connectors sold separately.	S2CG1-L 15/16" Lay-In S2CG2-L 15/16" Tegular S2CG3-L 9/16" Lay-In S2CG4-L 9/16" Tegular S2CG5-L 9/16" Slot	wт	White
	<b>End Cap</b> Additional end cap	S2CG1-EC 15/16" Lay-In S2CG2-EC 15/16" Tegular S2CG3-EC 9/16" Lay-In S2CG4-EC 9/16" Tegular S2CG5-EC 9/16" Slot	wт	White

SUSPENS	ION HARDWARE	Model	Finis	sh
•	<i>Mount Clip</i> Supports recessed channel with 1/4 - 20 threaded rod (rod by others)	S2CR-CLIP	BK	Black
Ģ	<b>Suspension Loop</b> Mechanical loop Supports up to 15 lb	S2C-LOOP	BK	Black

# 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 WAC-STRUT with cable or stem suspensions. Minimum two supports per up to 8 ft sections. Minimum three supports per 12 ft 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 connectors as needed. TRIG and L,T connectors have a switch to maintain pattern polarity.

Note: WAC-STRUT is field cut at end of run or between channels using below bus bar connector S2C-IB-BK. For patterns and custom length channels, consult factory.

### CHOOSE YOUR ELEMENTS AND/OR INDIRECT LIGHTING ELEMENTS

Note: Suspended WAC-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)

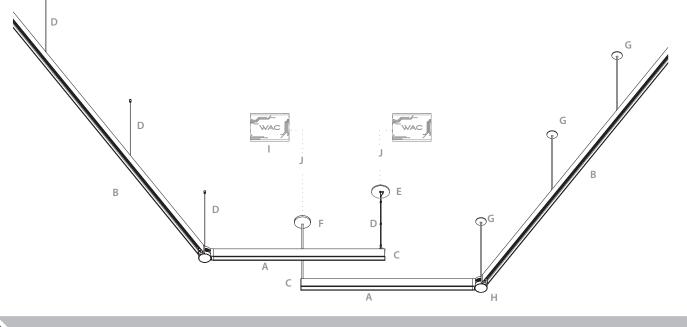
- Select remote mount or surface CPU
- Select appropriate wattage based on total system wattage

Note: recommend sizing up wattage as feasible for increased system capability.

### ACCESSORIZE

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

А	S2CPS04	4FT SUSPENDED CHANNEL	F	S2C-FS96	STEM FEED SUSPENSION
В	S2CPS12	12FT SUSPENDED CHANNEL	G	S2C-S96	STEM SUSPENSION
С	S2CP-FE	FEED END	Н	S2CPS-TRIG	TRIG
D	S2C-C96	CABLE SUSPENSION	I	S2CPU-R320-S-BK	REMOTE CPU
Ε	S2CP-CP	CABLE CANOPY	J	BY OTHERS	FIELD WIRING TO CPU



System	Model	Length				Finis	h				
S2	CPS01 CPS01.5 CPS04 CPS06 CPS08 CPS12 e: S2CPS08-	1 ft Suspended Chann 1.5 ft Suspended Char 4 ft Suspended Chann 6 ft Suspended Chann 8 ft Suspended Chann 12 ft Suspended Chan	el el el connected Powe See page 52 (sol	er Unit d sepa	Required rately)	BK WT	Black White	1 3/.	2	7/8"	
			two matching end caps and	inay be c				1	1	_	
CHAN	8 ft le	ER Innel Cover 8 ft Ength may be field cut. Suit Ip or bottom channel cover		ВК WT	Black	SUSF		ON HARDWARE able Canopy overs a standard 4" junction ox. Use with cable feed onnectors.	Model		sh Black White
	Inclu	<b>vith Feed</b> des 96" feed wire and 2 cha ectors. Suspension Hardwa	S2CDS-ETRIC	Finis BK WT	sh Black White		Su	<b>able Suspension</b> uspends channel from eiling. Includes 96" aircraft able; may be field cut.	S2C-C96	BK NI	Black Nickel
3	sold s <b>Trig</b> Inclue Suspe	eparately. Aircraft cable or des 2 channel connectors. ension Hardware sold sepa and Aircraft cable compat	nly. rately. <b>S2CPS-TRIG</b>	BK WT	Black White		<b>S</b> u Su slo	<b>loped Ceiling Cable</b> uspension uspends channel from a oped ceiling. Includes 96" ircraft cable; may be field cut.	S2C-SC96	BK NI	Black Nickel
Ţ	💽 Adap	,	S2CPS-NAD	BK WT	Black White	1	Si Ce	t <b>em Feed Suspension</b> Ispends channel from eiling with feed. Includes two 8" stem; may be field cut.	S2C-FS96		Black White
CONN	<b>Corner</b> Joins suspen	<b>pended to Recessed</b> ded or surface mounted	S2CPST-IC WTW1	Blaci Whit	k/Black k/White re/White		Su	<b>tem Suspension</b> Ispends channel from illing. Includes two 48" em; may be field cut.	S2C-S96		Black White
8	Surface/Sus Corner Joins suspend	ecessed trim channel <b>pended to Recessed</b> ded or surface mounted cessed trimless channel	S2CPSL-IC BKBK	Blaci	e/Black k/Black e/Black	1	<b>Su</b> Su slo	<b>loped Ceiling Stem uspension</b> uspends channel from a oped ceiling. Includes two 8" stem; may be field cut.	S2C-SS96		Black White
		ARDWARE - GRID									
Acces	sories	Model	Description	Fin	ish	CON	NECT	ORS	Model	Finis	sh
	1	ension S2CPG1-C9 bannel from S2CPG2-C9 Includes 96" S2CPG3-C9	6 15/16" Tegular Grid	вк	Black	F		e <b>ed End</b> cludes 96in feed wire	S2CP-FE		Black White

grid ceiling. Includes 96" S2CPG3-C96 9/16" Lay-in Grid WT White aircraft cable; S2CPG4-C96 9/16" Tegular Grid may be field cut. S2CPG5-C96 9/16" Slot Grid Cable Feed S2CPG1-FC96 15/16" Lay-in Grid Suspension S2CPG2-FC96 15/16" Tegular Grid Suspends and feed **BK** Black channel from grid **S2CPG3-FC96** 9/16" Lay-in Grid WT White S2CPG4-FC96 9/16" Tegular Grid ceiling. Includes 96" S2CPG5-FC96 9/16" Slot Grid aircraft cable; may be field cut. Stem Suspension S2CPG1-S96 15/16" Lay-in Grid Suspends channel from **S2CPG2-S96** 15/16" Tegular Grid **BK** Black S2CPG3-S96 grid ceiling. Includes 9/16" Lay-in Grid WT White two 48" stem; S2CPG4-S96 9/16" Tegular Grid 9/16" Slot Grid S2CPG5-S96 may be field cut. Stem Feed **S2CPG1-FS96** 15/16" Lay-in Grid Suspension S2CPG2-FS96 15/16" Tegular Grid Suspends channel from **BK** Black S2CPG3-FS96 9/16" Lay-in Grid grid ceiling with feed. WT White S2CPG4-FS96 9/16" Tegular Grid Includes two 48" stem;

S2CPG5-FS96 9/16" Slot Grid

### **BK** Black I Connector with Feed S2CP-FI WT White Includes 96in of feed wire I Connector BK Black Joins two sections of channel **S2CP-I** WT White with electrical continuity Dead I Connector **BK** Black Joins two sections of channel **S2C-ID** WT White without electrical continuity Below Bus Bar I Connector Joins two sections of field BK Black cut channel with electrical S2C-IB WT White continuity. Installs onto underside of channel bus bar for interrupted bus bar. L Connector **BK** Black Joins two channel sections S2CPS-L WT White 90°. Feed separately. T Connector BK Black Joins three channel sections. S2CPS-T WT White Feed separately. X Connector **BK** Black S2CPS-X Joins four channel sections. WT White Feed separately. End Cap

Additional end cap

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may be field cut. Example: S2CPG1-C96-BK

SUSPENDED CHANNELS

S2CPS-EC

BK Black

WT White

# SURFACE MOUNTED CHANNEL

# BUILD IT

### CHOOSE YOUR CHANNELS AND CONNECTORS

- Power feed from end with S2CS-FI, S2CSG-FEB, 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 4 ft section. Minimum three supports per 6 ft, 8 ft and 12 ft 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 connectors as needed. TRIG and L,T connectors have a switch to maintain pattern polarity.

Note: WAC-STRUT is field cut at end of run or between channels using below bus bar connector S2C-IB-BK. 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.

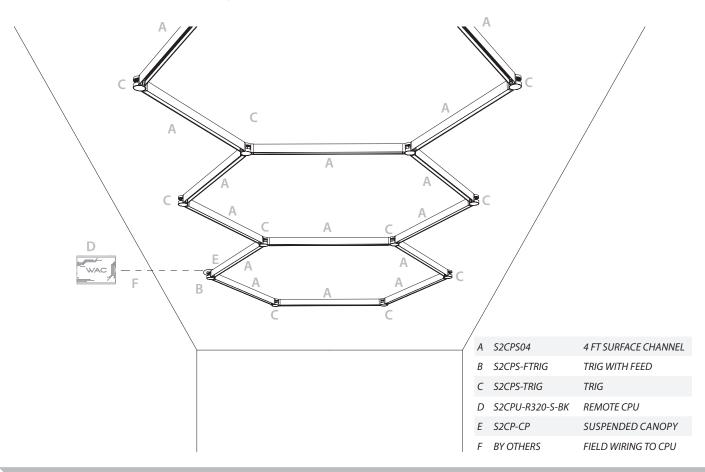
### CHOOSE YOUR CONNECTED POWER UNIT (CPU)

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

Note: recommend sizing up wattage as feasible for increased system capability.

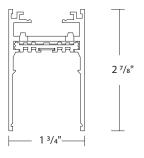
### ACCESSORIZE

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



### SURFACE CHANNELS

System	Model	Length		Finish		
S2	CPS01 CPS01.5 CPS04 CPS06 CPS08 CPS12	1 ft Suspended Channel 1.5 ft Suspended Channel 4 ft Suspended Channel 6 ft Suspended Channel 8 ft Suspended Channel 12 ft Suspended Channel	Connected Power Unit Required See page 52 (sold separately)	BK Black WT White		



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

(

CHANNE	EL COVER	Model	Finis	า
	<i>Channel Cover 8ft</i> 8ft length may be field cut. Suitable for top or bottom channel coverage.	S2C-COV08		Black White
CONNEC	TORS	Model	Finis	h
	Feed End Includes 24" feed wire	S2CS-FE		Black White
	<b>Feed End Junction Box</b> 3in junction box with side knockouts	S2CS-FEB		Black White
0	Grid Mount Junction Box with Feed 3in junction box with side, end and top feed knock outs. Includes field cuttable 96" wire and conduit.	S2CSG- FEB		Black White
	<i>I Connector with Feed</i> Joins two sections of channel with electrical continuity. Includes canopy and field cuttable 96" wire and conduit.	S2CS-FI		Black White
	<i>Trimless J-Box Cover</i> <i>Covers a standard 4" J-box with</i> <i>trimless adapter plate. Use with any</i> <i>powerable connectors.</i>	S2C-CP-TL	wт	White
	<i>I Connector</i> Joins two channel sections with electrical continuity	S2CSR-I		Black White
	<b>Dead I Connector</b> Joins two channel sections without electrical continuity	S2C-ID	BK WT	Black White
<b>*</b>	<b>Below Bus Bar I Connector</b> Joins two sections of field cut channel with electrical continuity. Installs onto underside of channel bus bar for interrupted bus bar.	S2C-IB		Black White
-	<i>L Connector</i> Joins two channel sections 90°. Feed separately.	S2CPS-L		Black White
	<b>T Connector</b> Joins three channel sections. Feed separately.	S2CPS-T	BK WT	Black White
×	<b>X Connector</b> Joins four channel sections. Feed separately.	S2CPS-X		Black White
	Inside Corner Joins ceiling to wall channel sections	S2CS-IC	BK WT	Black White
*	<b>Outside Corner</b> Joins wall to wall channel sections	S2CS-OC	BK WT	Black White
	<b>End Cap</b> Additional end cap	S2CPS-EC	BK WT	Black White

TRIG		Model	Finish	
	<b>Trig with Feed</b> Includes 96" feed wire and 2 channel connectors. Canopy sold separately.	S2CPS-FTRIG	BK Bla WT WF	ick nite
	<b>Trig</b> Includes 2 channel connectors	S2CPS-TRIG	BK Bla WT WF	ick nite
-	<b>Adapter</b> Additional Trig connectors	S2CPS-NADP	BK Bla WT Wh	ick nite

CONNE	CTORS	Model	Finish	
}	Surface/Suspended to Recessed Corner Joins suspended or surface mounted channel to recessed trim channel	S2CPST-IC	WTWT	Black/Black Black/White White/White White/Black
ß	Surface/Suspended to Recessed Corner Joins suspended or surface mounted channel to recessed trimless channel	S2CPSL-IC		Black/Black White/Black

GRID SUSP	ENSION HARDWARE	Model	Finish
	<b>Canopy</b> Covers a standard 4" junction box. Use with Trig with Feed	S2CP-CP	BK Black WT White
	<b>Suspension Loop</b> Mechanical loop Supports up to 15 lb	S2C-LOOP	<b>BK</b> Black
<b>X</b>	<b>Ceiling Mount Clip</b> Compatible for concrete ceiling installation. 4 mounting clips per pack. Mounting hardware by others.	S2CS-CLIP	BK Black WT White

SUSP	ENSION HARDWARE	Model	Finish
		S2CSG1-CLIP	15/16" Lay-In Grid
	SURFACE MOUNT GRID CLIP	S2CSG2-CLIP	15/16" Tegular Grid
	Field installable mounting hardware for popular grid	S2CSG3-CLIP	9/16" Lay-In Grid
Ŧ	types	S2CSG4-CLIP	9/16" Tegular Grid
		S2CSG5-CLIP	9/16" Slot Grid

# WALL AND SOFFIT MOUNTED CHANNEL

# BUILD IT

### CHOOSE YOUR CHANNELS AND CONNECTORS

- Power feed from end with S2CP-FE or S2C-WB-FEB, or from the middle with S2CP-FI to energize your run.
- Support WAC-STRUT in wall and soffit applications with the S2C-WB mounting bracket. Minimum two supports per up to 4 ft section. Minimum three supports per 6 ft, 8 ft, and 12 ft section.
- For patterns, use the L, T, corners. I connectors sold separately. L and T connectors have a switch to maintain pattern polarity.

Note: WAC-STRUT may be field cut at the end of run. For patterns and custom length channels, consult factory.

### CHOOSE YOUR ELEMENTS

- Refer to element specifications to appropriately select elements. Indirect lighting not compatible with wall and soffit mount WAC-STRUT.
- Total the wattage of the system.

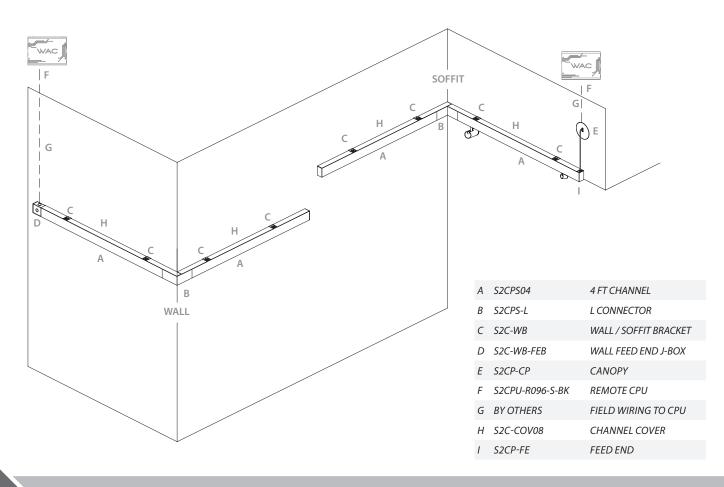
### CHOOSE YOUR CONNECTED POWER UNIT (CPU)

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

Note: recommend sizing up wattage as feasible for increased system capability.

### ACCESSORIZE

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



# WAC-STRUT

### WALL AND SOFFIT CHANNELS

System	Model	Length		Finish	
	CPS01	1 ft Channel			
	CPS01.5	1.5 ft Channel			27/8"
S2	CPS04	4 ft Channel	Connected Power Unit Required	BK Black	
32	CPS06	6 ft Channel	See page 52 (sold separately)	WT White	11
	CPS08	8 ft Channel			
	CPS12	12 ft Channel			6

CHANNEL COVER		Model	Finish	
	<b>Channel Cover 8ft</b> 8ft length may be field cut. Suitable for top or bottom channel coverage.	S2C-COV08	BK WT	Black White

CONNEG	CTORS	Model	Finish	MOUNTIN	G HARDWARE	Model	Finisł	۱
	<b>Feed End</b> Includes 96in feed wire	S2CP-FE	<b>BK</b> Black <b>WT</b> White	÷	<b>Canopy</b> Covers a standard 4" junction box. Use with cable feed connectors.	S2CP-CP		Black White
o he	<i>Wall Feed End Junction Box</i> 3in junction box with side and top knockouts and 2" x 4" junction box cover plate	S2C-WB-FEB	<b>BK</b> Black <b>WT</b> White		Wall & Soffit Bracket Installs channel to wall or soffit. 4 mounting clips per pack. Mounting hardware by others.	S2C-WB		Black White
	I Connector with Feed Joins two sections of channel with electrical continuity. Includes 96" of feed wire.	S2CP-FI	<b>BK</b> Black <b>WT</b> White					
	<b>I Connector</b> Joins two channel sections with electrical continuity.	S2CP-I	<b>BK</b> Black <b>WT</b> White					
	<b>Dead I Connector</b> Joins two channel sections without electrical continuity.	S2C-ID	<b>BK</b> Black <b>WT</b> White					
	<b>Below Bus Bar I Connector</b> Joins two sections of field cut channel with electrical continuity. Installs onto underside of channel bus bar for interrupted bus bar.	S2C-IB	<b>BK</b> Black <b>WT</b> White					
	<b>L Connector</b> Joins two channel sections 90°. Feed separately.	S2CPS-L	<b>BK</b> Black <b>WT</b> White					
	<b>T Connector</b> Joins three channel sections. Feed separately for wall to suspended transitions.	S2CPS-T	<b>BK</b> Black <b>WT</b> White					
	<b>Inside Corner</b> Joins ceiling to wall channel sections	S2CS-IC	<b>BK</b> Black <b>WT</b> White					
*	<b>Outside Corner</b> Joins wall to wall channel sections	S2CS-OC	<b>BK</b> Black <b>WT</b> White					
	<b>End Cap</b> Additional end cap	S2CPS-EC	<b>BK</b> Black <b>WT</b> White					

### WAC-STRUT

LIGHTING WITHOUT LIMITS
CHANGE OF CONTROL
ELEMENTS
RECESSED CHANNEL
RECESSED TRIMLESS CHANNEL
RECESSED GRID CHANNEL
SUSPENDED CHANNEL
SURFACE MOUNTED CHANNEL
WALL AND SOFFIT MOUNTED CHANNEL
HIGH OUTPUT & REGRESSED DIRECT
HIGH OUTPUT & DIFFUSED INDIRECT
STEALTH WALL WASH
MULTI STEALTH DOWNLIGHTS
STEALTH DOWNLIGHT
STEALTH CUBE & TUBE
STEALTH SILO
SILO S2SA-1
SILO S2SA-2
FOLLOWME SILO
STEALTH FRAMING PROJECTOR
SILO PENDANT
NIVEOUS PENDANT
ELEMENTUM PENDANT
FLARE PENDANT
VOLO PENDANT

### COMPONENTS AND ACCESSORIES

CPU
VACANCY AND PHOTO SENSOR
TRIG HUB SYSTEM
RECESSED TRIM CHANNEL
RECESSED TRIMLESS CHANNELS
RECESSED GRID CHANNELS
SUSPENDED CHANNEL
SURFACE MOUNTED CHANNEL
WALL AND SOFFIT MOUNTED CHANNEL

### Headquarters

Tel: 800.526.2588 Fax: 800.526.2585

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South East Manufacturing Facility

Central Manufacturing Facility

### West Manufacturing Facility

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Consult our manufacturing facility 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



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