

# WAC LIGHTING

## VENTRIX

### Surface Mounted Channels

Fixture Type: \_\_\_\_\_

Catalog Number: \_\_\_\_\_

Project: \_\_\_\_\_

Location: \_\_\_\_\_

#### ORDER NUMBER

System	Model	Length	Finish
S2	CPS01	1ft Surface Channel	Connected Power Unit Required
	CPS01.5	1.5 ft Surface Channel	
	CPS04	4 ft Surface Channel	
	CPS06	6 ft Surface Channel	
	CPS08	8 ft Surface Channel	
	CPS12	12 ft Surface Channel	
			<b>BK</b> Black <b>WT</b> White

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

#### PRODUCT DESCRIPTION

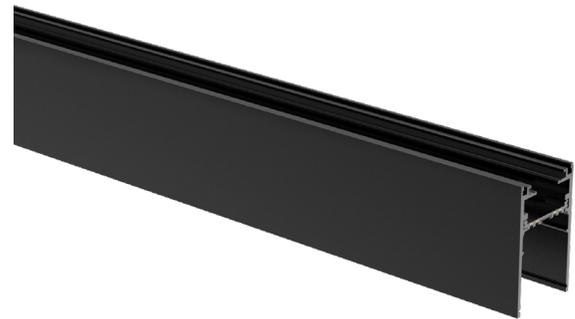
The only lighting, power, and control system complete with lighting elements designed for discriminating performance. Configure VENTRIX for your retail, restaurant, commercial office, or residential lighting plan without custom lead times - get exactly what you want, when you want it.

#### FEATURES

- Heavy duty grade 48VDC channel with data bus.
- Operating Current: Max circuit is rated 12.5A
- Magnetic infrastructure allows you to slide elements within the VENTRIX and adjust lighting effects while powered
- Black copper bus bars for power and communications
- 5 Year warranty

#### SPECIFICATIONS

**Construction:** Extruded aluminum with solid copper alloy bus bars  
**Input:** 48 VDC  
**Mounting:** Surface mounted onto drywall, on concrete, or on grid can be mounted on ceiling or drywall wall vertically or horizontally  
**Finish:** Electrostatically Powder Coated White, Black  
**Standards:** UL, cUL, Dry Location Listed

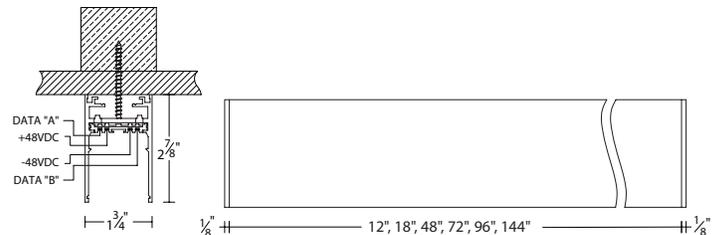


#### FINISHES



Black White

#### LINE DRAWING



wacighting.com

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#### CHANNEL COVER

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

Example: **S2C-COV08-BK**

#### TRIG

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

Example: **S2CPS-TRIG-BK**

#### CONNECTORS

	Accessories	Model	Finish	
	<b>Feed End</b> Includes 24in feed wire	<b>S2CS-FE</b>	<b>BK</b> <b>WT</b>	Black White
	<b>Junction Box</b> 3in junction box with side, end and top feed knock outs	<b>S2CS-FEB</b>	<b>BK</b> <b>WT</b>	Black White
	<b>Grid Mount Junction Box with Feed</b> 3in junction box with side, end and top feed knock outs. Includes field cuttable 96" wire and conduit	<b>S2CSG-FEB</b>	<b>BK</b> <b>WT</b>	Black White
	<b>I Connector with Feed</b> Joins two sections of channel with electrical continuity. Includes canopy and field cuttable 96" wire and conduit.	<b>S2CS-FI</b>	<b>BK</b> <b>WT</b>	Black White
	<b>I Connector</b> Joins two sections of channel with electrical continuity	<b>S2CSR-I</b>	<b>BK</b> <b>WT</b>	Black White
	<b>Dead I Connector</b> Joins two sections of channel without electrical continuity	<b>S2C-ID</b>	<b>BK</b> <b>WT</b>	Black 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	<b>S2C-IB</b>	<b>BK</b>	Black
	<b>End Cap</b> Additional end cap	<b>S2CPS-EC</b>	<b>BK</b> <b>WT</b>	Black White
	<b>L Connector</b> Joins two channel sections 90°. Feed separately. I connectors sold separately.	<b>S2CPS-L</b>	<b>BK</b> <b>WT</b>	Black White

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		Model	Finish	
	<b>T Connector</b> Joins three channel sections. Feed separately. 1 connectors sold separately.	<b>S2CPS-T</b>	<b>BK</b> <b>WT</b>	Black White
	<b>X Connector</b> Joins four channel sections. Feed separately. 1 connectors sold separately.	<b>S2CPS-X</b>	<b>BK</b> <b>WT</b>	Black White
	<b>Inside Corner</b> Joins ceiling to wall sections. 1 connectors sold separately	<b>S2CS-IC</b>	<b>BK</b> <b>WT</b>	Black White
	<b>Outside Corner</b> Joins wall to wall sections. 1 connectors sold separately.	<b>S2CS-OC</b>	<b>BK</b> <b>WT</b>	Black White
	<b>Surface/Suspended to Recessed Trim Corner</b> Joins suspended or surface mounted channel to recessed channel. 1 connectors sold separately.	<b>S2CPST-IC</b>	<b>BK BK</b> <b>BK WT</b> <b>WT WT</b> <b>WT BK</b>	Black Surface/Suspended, Black Recessed Black Surface/Suspended, White Recessed White Surface/Suspended, White Recessed White Surface/Suspended, Black Recessed
	<b>Surface/Suspended to Recessed Trimless Corner</b> Joins suspended or surface mounted channel to recessed trimless channel. 1 connectors sold separately.	<b>S2CPSL-IC</b>	<b>BK BK</b> <b>WT BK</b>	Black Surface/Suspended, Black Recessed White Surface/Suspended, Black Recessed
	<b>Suspension Loop</b> Mechanical loop Supports up to 15 lb	<b>S2C-LOOP</b>	<b>BK</b>	Black
	<b>Ceiling Mount Clip</b> Compatible for concrete ceiling installation. 4 mounting clips per pack. Mounting hardware by others	<b>S2CS-CLIP</b>	<b>BK</b> <b>WT</b>	Black White
		<b>S2CSG1-CLIP</b>		15/16" Lay-In Grid
		<b>S2CSG2-CLIP</b>		15/16" Tegular Grid
		<b>S2CSG3-CLIP</b>		9/16" Lay-In Grid
		<b>S2CSG4-CLIP</b>		9/16" Tegular Grid
		<b>S2CSG5-CLIP</b>		9/16" Slot Grid
	<b>SURFACE MOUNT GRID CLIP</b> Field installable mounting hardware for popular grid types			

Example: **S2CSG1-CLIP**

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## 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 4ft section. Minimum three supports per 6ft, 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 connectors as needed. TRIG and L,T connectors have a switch to maintain pattern polarity.

**Note:** VENTRIX 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.

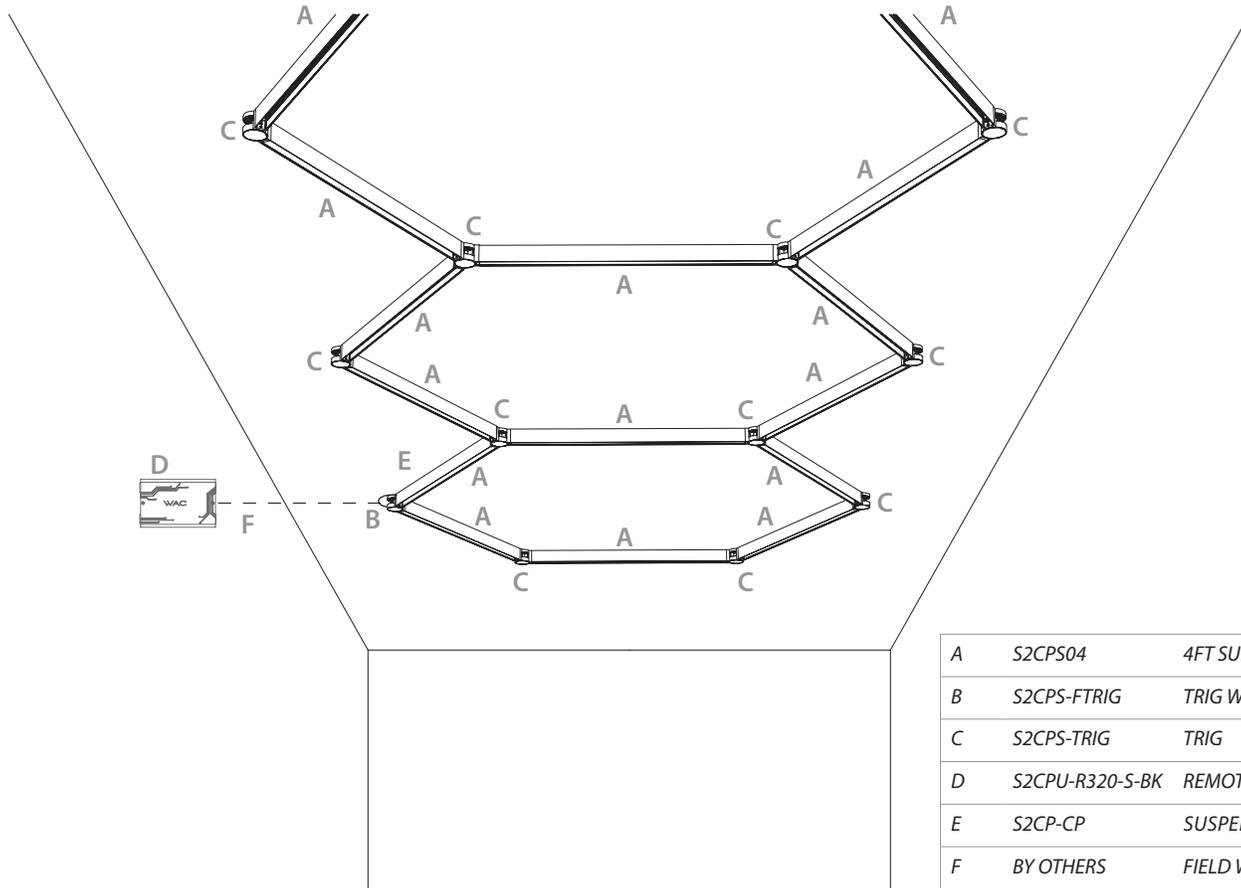
### CHOOSE YOUR CONNECTED POWER UNIT (CPU)

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

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

### ACCESSORIZE

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



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