

# WAC LIGHTING

## VENTRIX

### Wall and Soffit Mounted Channels

Fixture Type:

Catalog Number:

Project:

Location:

ORDER NUMBER

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

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

PRODUCT DESCRIPTION

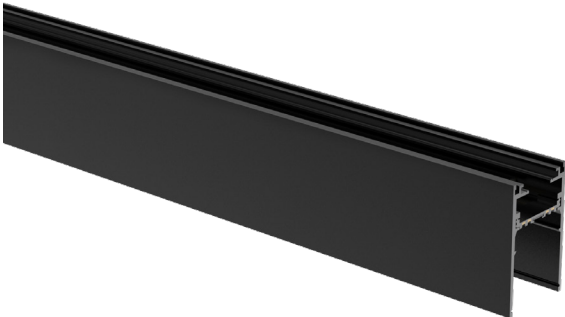
The only lighting, power, and control system complete with lighting elements designed for discriminating performance. Configure VENTRIX for your retail, restaurant, commercial office, or residential lighting plan without custom lead times - get exactly what you want, when you want it.

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

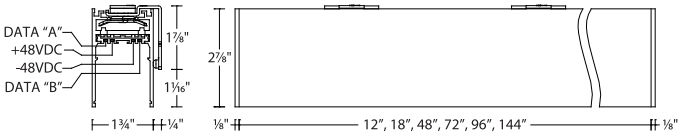
Construction:	Extruded aluminum with solid copper alloy bus bars
Input:	48 VDC
Mounting:	Surface mounted to gypsum or concrete walls and soffits
Finish:	Electrostatically Powder Coated White, Black
Standards:	UL, cUL, Dry Location Listed



FINISHES



LINE DRAWING



Installation shown with S2C-WB bracket (sold separately)

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#### CHANNEL COVER



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

**S2C-COV08**

**BK  
WT**

*Black  
White*

#### MOUNTING HARDWARE

Accessories

Model

Finish



**Wall & Soffit Bracket**  
Installs channel to wall or soffit. 4 mounting clips per pack.  
Mounting hardware by others.

**S2C-WB**

**BK  
WT**

*Black  
White*



**Cable Canopy**  
Covers a standard 4" junction box. Use with cable feed connectors

**S2CP-CP**

**BK  
WT**

*Black  
White*

#### CONNECTORS

Accessories

Model

Finish



**Feed End**  
Includes 96in feed wire and 6 wire guides

**S2CP-FE**

**BK  
WT**

*Black  
White*



**Wall Feed End Junction Box**  
3in junction box with side and top knockouts and 2" x 4" junction box cover plate

**S2C-WB-FEB**

**BK  
WT**

*Black  
White*



**I Connector with Feed**  
Includes 96in of feed wire and 6 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*



**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*



**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*



**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*

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## 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 VENTRIX 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:** VENTRIX 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 VENTRIX.
- 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.

