

WAC LIGHTING

VENTRIX

Suspended Channels

Fixture Type:

Catalog Number:

Project:

Location:

ORDER NUMBER

| System | Model | Length | Finish |
|--|----------------|--------------------------|------------------------------------|
| S2 | CPS01 | 1 ft Suspended Channel | BK Black WT White |
| | CPS01.5 | 1.5 ft Suspended Channel | |
| | CPS04 | 4 ft Suspended Channel | |
| | CPS06 | 6 ft Suspended Channel | |
| | CPS08 | 8 ft Suspended Channel | |
| | CPS12 | 12 ft Suspended Channel | |
| Direct and/or Indirect Compatible Connected Power Unit Required | | | |

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

PRODUCT DESCRIPTION

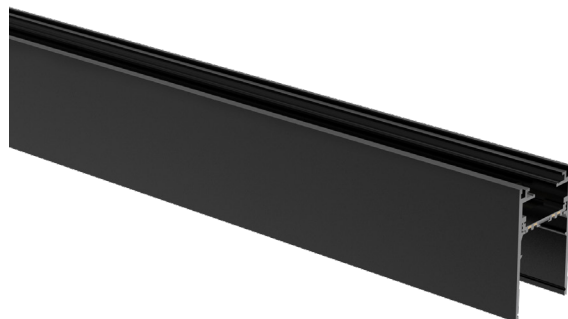
The only lighting, power, and control system complete with lighting elements designed for discriminating performance. Configure VENTRIX for your retail, restaurant, commercial office, or residential lighting plan without custom lead times - get exactly what you want, when you want it.

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: | Suspended |
| Finish: | Electrostatically Powder Coated White, Black |
| Standards: | UL, cUL, Dry Location Listed |



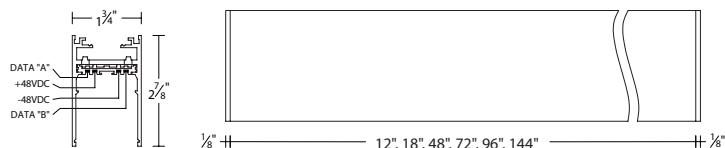
FINISHES



Black

White

LINE DRAWING



wacighting.com
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West Manufacturing Facility
1750 S Archibald Ave
Ontario, CA 91761

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CHANNEL COVER

Fixture Type:

Catalog Number:




Project:

Location:

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








Example: **S2C-COV08-BK**

TRIG

| | Accessories | Model | Description | Finish |
|---|--|--------------------|-------------|------------------------------------|
|  | Trig with Feed Includes 96in feed wire, and 2 channel connectors. Suspension Hardware sold separately. Aircraft cable only. | S2CPS-FTRIG | 96" | 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 |

Example: **S2CPS-TRIG-BK**

CONNECTORS

| | Accessories | Model | Description | Finish |
|---|--|-------------------------------|-------------|------------------------------------|
|  | Feed End Includes feed wire and wire guides | S2CP-FE S2CP-FE288 | 96" 288" | BK WT Black White |
|  | I Connector with Feed Includes feed wire and wire guides | S2CP-FI S2CP-FI288 | 96" 288" | 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. I connectors sold separately. | S2CPS-L | | BK WT Black White |
|  | T Connector Joins three channel sections. Feed separately. I connectors sold separately | S2CPS-T | | BK WT Black White |

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Project:

Location:

| | | Model | | |
|---|---|------------------|--|--|
|  | X Connector Joins four channel sections. Feed separately. 1 connectors sold separately | S2CPS-X | BK WT | Black White |
|  | Surface/Suspended to Recessed Trim Corner Joins suspended or surface mounted channel to recessed channel. 1 connectors sold separately. | S2CPST-IC | BK BK BK WT WT WT WT BK | Black Surface/Suspended, Black Recessed Black Surface/Suspended, White Recessed White Surface/Suspended, White Recessed White Surface/Suspended, Black Recessed |
|  | Surface/Suspended to Recessed Trimless Corner Joins suspended or surface mounted channel to recessed trimless channel connectors sold separately. | S2CPSL-IC | BK BK WT BK | Black Surface/Suspended, Black Recessed White Surface/Suspended, Black Recessed |
|  | End Cap Additional end cap | S2CPS-EC | BK WT | Black White |

Example: **S2CPSL-IC-BK BK**

SUSPENSION HARDWARE

| | Accessories | Model | Description | 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 | 96" | BK NI | Black Nickel |
|  | Sloped Ceiling Cable Suspension Suspend channel from a sloped ceiling. Includes aircraft cable; may be field cut | S2C-SC96 S2C-SC288 | 96" 288" | BK NI | Black Nickel |
|  | Stem Feed Suspension Suspend channel from ceiling with feed. Includes two 48in stem; may be field cut | S2C-FS96 | 96" | BK WT | Black White |
|  | Stem Suspension Suspend channel from ceiling. Includes two 48in stem; may be field cut | S2C-S96 | 96" | BK WT | Black White |
|  | Sloped Ceiling Stem Suspension Suspend channel from a sloped ceiling. Includes two 48in stem; may be field cut | S2C-SS96 | 96" | BK WT | Black White |
|  | 1/4-20 Rod Mounting Clip Support VENTRIX channel with 1/4 - 20 threaded rod (rod by others) | S2CR-CLIP | | BK | Black |
|  | Suspension Loop Mechanical loop Supports up to 15 lb | S2C-LOOP | | BK | Black |

Example: **S2CR-CLIP-BK**

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SUSPENSION HARDWARE - GRID

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

Example: **S2CPG1-C96-BK**

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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 VENTRIX with cable or stem suspensions. Minimum two supports per up to 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 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 AND/OR INDIRECT LIGHTING ELEMENTS

Note: Suspended VENTRIX 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 |

