WAC LIGHTING

STRUT

Recessed Trim Channels

Fixture Type: _____

Catalog Number: _____

Project: _____

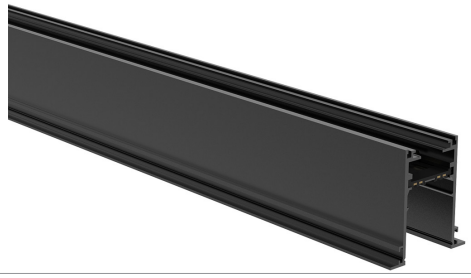
Location: _____

ORDER NUMBER

System	Model	Length		Finish
S2	**CT04-FE** *4 ft Trim Recessed Feed End* **CT08-FE** *8 ft Trim Recessed Feed End* **CT12-FE** *12 ft Trim Recessed Feed End*	*Required Power Feed Connected Power Unit Required*		**BK** *Black* **WT** *White*

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

System	Model	Length		Finish
S2	**CT01** *1ft Trim Recessed Channel* **CT01.5** *1.5 ft Trim Recessed Channel* **CT04** *4 ft Trim Recessed Channel* **CT06** *6 ft Trim Recessed Channel* **CT08** *8 ft Trim Recessed Channel* **CT12** *12 ft Trim Recessed Channel*	*To extend channel runs after feed end*		**BK** *Black* **WT** *White*



Example: **S2CT08-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 STRUT 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 recessed channel with data bus.
- Operating Current: Max circuit is rated 12.5A
- Magnetic infrastructure allows you to slide elements within the STRUT and adjust lighting effects while powered
- Black copper busways for power and communications
- 5 Year warranty

SPECIFICATIONS

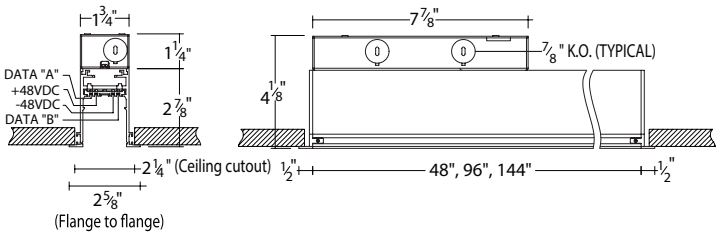
Construction:	Extruded aluminum with solid copper alloy bus bars
Input:	48 VDC
Mounting:	Recessed into drywall, Can be mounted on ceiling or wall vertically or horizontally
Finish:	Electrostatically Powder Coated White, Black
Standards:	UL, cUL, Dry Location Listed, IC

FINISHES

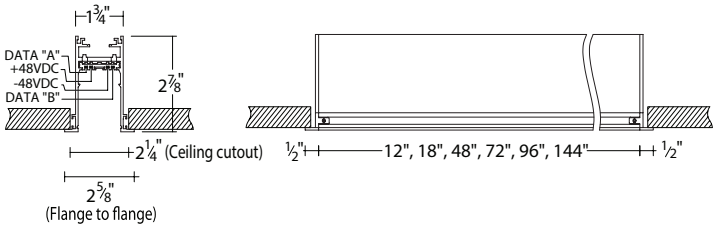
Black White

LINE DRAWING

S2CT-FE



S2CT



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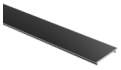
CHANNEL COVER

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

Example: **S2C-COV08-BK**

CONNECTORS

	Accessories	Model	Finish	
	Feed End Junction Box *5in junction box with side and top knockouts.*	**S2CT-FEB**	**BK** **WT**	*Black* *White*
	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*
	I Connector *Joins two sections of channel with electrical continuity*	**S2CSR-I**	**BK**	*Black*
	Dead I Connector *Joins two sections of channel 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 interrputed bus bar*	**S2C-IB**	**BK**	*Black*
	End Cap *Additional end cap*	**S2CT-EC**	**BK** **WT**	*Black* *White*
	L Connector *Use to join two sections 90°.* *I connectors sold seperately.*	**S2CT-L**	**BK** **WT**	*Black* *White*
	T Connector *Use to join three sections.* *I connectors sold seperately.*	**S2CT-T**	**BK** **WT**	*Black* *White*
	X Connector *Use to join four channel sections.* *I connectors sold seperately.*	**S2CT-X**	**BK** **WT**	*Black* *White*
	Inside Corner *Joins ceiling to wall sections.* *I connectors sold seperately.*	**S2CT-IC**	**BK** **WT**	*Black* *White*
	Outside Corner *Joins wall to wall sections.* *I connectors sold seperately.*	**S2CT-OC**	**BK** **WT**	*Black* *White*
	Surface/Suspended to Recessed Corner *Joins suspended or surface mounted channel to recessed channel.* *I connectors sold seperately.*	**S2CPST-IC**	**BKBK** **BKWT** **WTWT** **WTBK**	*Black Surface/Suspended, Black Recessed* *Black Surface/Suspended, White Recessed* *White Surface/Suspended, White Recessed* *White Surface/Suspended, Black Recessed*

Example: **S2CRS-I-BK**

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SUSPENSION HARDWARE

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

Example: **S2CRS-I-BK**

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STRUT
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BUILD IT

CHOOSE YOUR CHANNELS AND CONNECTORS

- Power feed from feed end channel or feed end junction box to energize your run.
- Support Strut with screws into rear blocking, 1/4"-20 tie rod (by others), or stem or aircraft cables to plenum ceiling. Minimum two supports per 4ft section. Minimum three supports per 6ft, 8ft and 12ft section.
- For patterns, choose L, T, X, or corners and I connector sold separately.

Note: 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

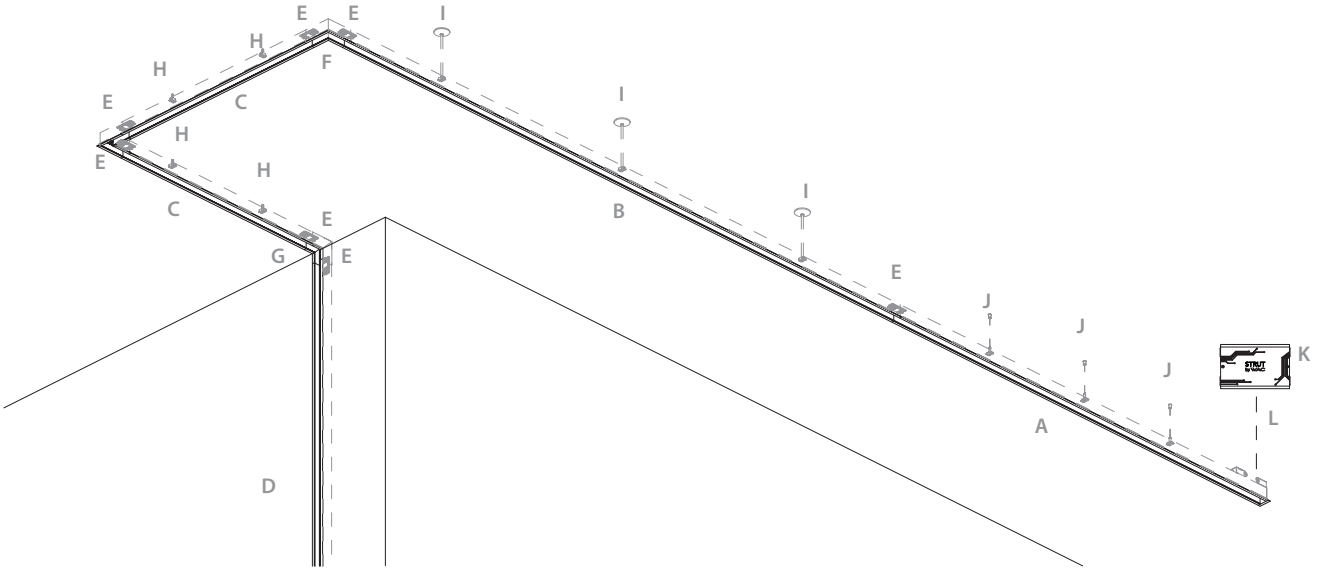
- Refer to element specifications to appropriately select elements.
- Total the wattage of the system.

CHOOSE YOUR CONNECTED POWER UNIT (CPU)

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

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

ACCESSORIZE

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

A	*S2CT08-FE*	*8FT FEED END RECESSED CHANNEL*	*G*	*S2CT-IC*	*RECESSED INSIDE CORNER*
B	*S2CT12*	*12FT RECESSED CHANNEL*	*H*	*S2CR-CLIP*	*1/4"-20 TIE ROD MOUNTING CLIP*
C	*S2CT04*	*4FT RECESSED CHANNEL*	*I*	*S2C-S96*	*STEM SUSPENSION*
D	*S2CT08*	*8FT RECESSED CHANNEL*	*J*	*S2C-C96*	*CABLE SUSPENSION*
E	*S2CSR-I*	*I CONNECTOR*	*K*	*S2CPU-R320-S-BK*	*REMOTE CPU*
F	*S2CT-L*	*RECESSED L CONNECTOR*	*L*	*BY OTHERS*	*FIELD WIRING TO CPU*