

WAC LIGHTING

STRUT

Recessed Grid Channels

Fixture Type: _____


Catalog Number: _____

Project: _____

Location: _____


ORDER NUMBER

System	Model	Length	Finish
S2	CG1 Recessed Grid Channel 15/16 Lay-In	02-FE 2 ft Feed End 04-FE 4 ft Feed End 06-FE 6 ft Feed End 08-FE 8 ft Feed End	WT White
	CG2 Recessed Grid Channel 15/16 Tegular		
	CG3 Recessed Grid Channel 9/16 Lay-In		
	CG4 Recessed Grid Channel 9/16 Tegular		
	CG5 Recessed Grid Channel 9/16 Slot		



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

System	Model	Length	Finish
S2	CG1 Recessed Grid Channel 15/16 Lay-In	05 5 ft Extension 06 6 ft Extension 08 8 ft Extension	WT White
	CG2 Recessed Grid Channel 15/16 Tegular		
	CG3 Recessed Grid Channel 9/16 Lay-In		
	CG4 Recessed Grid Channel 9/16 Tegular		
	CG5 Recessed Grid Channel 9/16 Slot		



Example: **S2CG105-WT** Does not include end caps. May be cut at end of 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

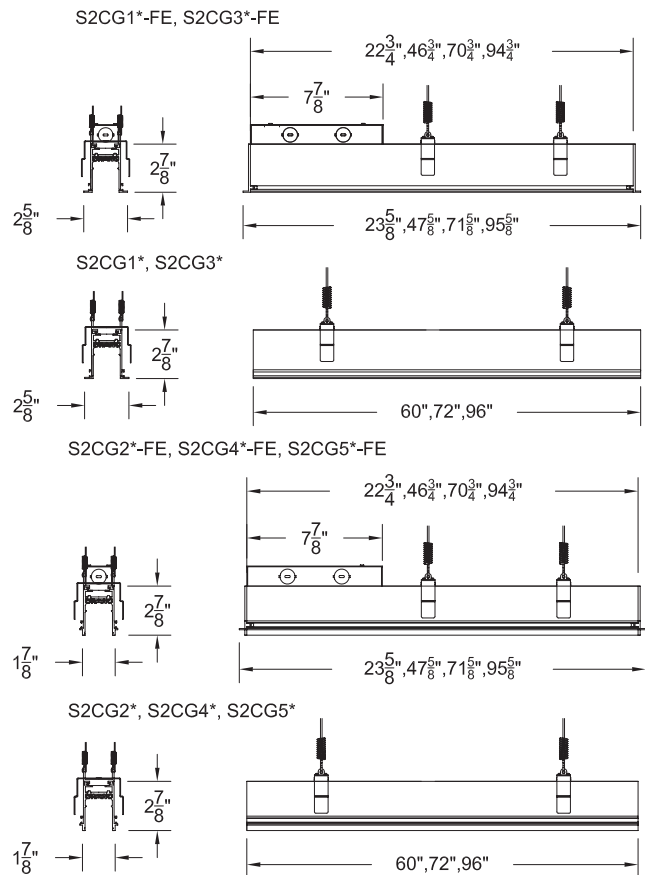
Construction:	Extruded aluminum with solid copper alloy bus bars
Input:	48 VDC
Mounting:	Recessed into popular grid ceiling profiles
Finish:	Electrostatically Powder Coated White
Standards:	UL, cUL, Dry Location Listed, IC

FINISHES



White

LINE DRAWING



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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	<i>Black</i> <i>White</i>

Example: **S2C-COV08-BK**

CONNECTORS

	Accessories	Model	Finish	
	I Connector with Feed Feeds and joins two sections of channel with electrical continuity. Includes field cuttable 96" wire and conduit.	S2CR-FI	BK	<i>Black</i>
	I Connector Joins two sections of channel with electrical continuity	S2CSR-I	BK	<i>Black</i>
	Dead I Connector Joins two sections of channel without electrical continuity	S2C-ID	BK	<i>Black</i>
	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	<i>Black</i>
	End Cap 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	WT	<i>White</i>
	L Connector Use to join two sections 90°. I connectors sold seperately.	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	WT	<i>White</i>
	Mount Clip Support recessed channel with 1/4 - 20 threaded rod (rod by others)	S2CR-CLIP	BK	<i>Black</i>
	Suspension Loop Mechanical loop Supports up to 15 lb	S2C-LOOP	BK	<i>Black</i>

Example: **S2CRS-I-BK**

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BUILD IT

CHOOSE YOUR CHANNELS AND CONNECTORS

- Power feed from feed end channel or I connector with feed to energize your run.
- Support Strut with tie wires, or, 1/4"-20 tie rod (by others), using S2CR-CLIP-BK (sold separately). Minimum two supports per 4ft section. Minimum three supports per 6ft, 8ft and 12ft section.
- For patterns, choose L, 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.
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: recommended sizing up as feasible for increased system capability.

ACCESSORIZE

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

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STRUT RECESSED GRID RUN CONFIGURATION CHART

Distance Between Grid Centers (ft)	STRUT Channel Components	Distance Between Grid Centers (ft)	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 CPU's, 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.