



Fixture Type  
Materials  
Finish

Specialty Linear Systems  
Aluminum  
White

Lamp Type  
Lamp Quantity  
Lamp Included  
Wattage  
Input Voltage  
Delivered Lumens  
Kelvin Temperature  
CRI  
Power S Type  
Power S Quantity  
Power S Location  
Dimming Type

LED  
3  
Yes  
6 W  
120 Vac  
480  
2700 K  
90  
Driver  
up to 12  
Remote  
ELV

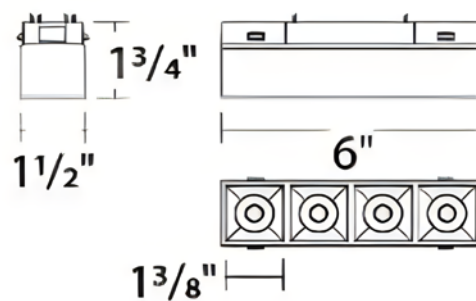
Designer:

Wac

Listings

UL  
DRY LOCATION  
JA8 COMPLIANT

S2MD06



### Multi Stealth Downlights

Model & size	Power	Watt	Beam	Color Temp & CRI	Delivered Lumens	CBCP	Finish
○ S2MD06	○ 3	6W	○ F 45°	○ 927 2700K - 90	490	860	○ BK Black ○ CH Chrome ○ GL Gold ○ HZ Haze ○ WT White
			○ F 45°	○ 930 3000K - 90	520	910	
			○ F 45°	○ 935 3500K - 90	550	960	
			○ F 45°	○ 940 4000K - 90	560	970	
			○ N 32°	○ 927 2700K - 90	480	1290	
			○ N 32°	○ 930 3000K - 90	510	1360	
			○ N 32°	○ 935 3500K - 90	540	1430	
			○ N 32°	○ 940 4000K - 90	550	1460	
			○ S 16°	○ 927 2700K - 90	450	2570	
			○ S 16°	○ 930 3000K - 90	470	2710	
			○ S 16°	○ 935 3500K - 90	490	2850	
			○ S 16°	○ 940 4000K - 90	500	2900	

#### REPLACEMENT PARTS

- REF-S2MD06-BK - Multi Stealth Downlight Trim
- REF-S2MD06-CH - Multi Stealth Downlight Trim
- REF-S2MD06-GL - Multi Stealth Downlight Trim
- REF-S2MD06-HZ - Multi Stealth Downlight Trim
- REF-S2MD06-WT - Multi Stealth Downlight Trim

#### DESCRIPTION

Multi Stealth Downlights feature a quiet aperture for a nearly glare free environment. With multiple lumen packages, beam and finish options, these downlights complement other elements in your STRUT array. Three output selections provide up to 1120 lumens per foot.

#### FEATURES

- Three power levels for precision output
- Low glare multi-cell trim with 40° cutoff angle
- Interchangeable trim available in 5 finishes
- May be installed side by side for seamless appearance
- To enable access to STRUT element releasing tabs, maintain at least 3" of free channel space
- Driver concealed within the fixture
- 5 year warranty

#### SPECIFICATIONS

Construction:	Extruded aluminum with injection molded low glare trim
Power:	15.5W, 21.5W, 10W, 10.5W, 8W, 5.5W, 3.5W, 6W, 5W
Input:	48 VDC
Dimming:	ELV: 100-0.1% , 0-10V: 100-0.1%, TRIAC: 100-0.1%
Light Source:	Integrated LED 3 Step Mac Adam Ellipse
Rated Life:	50000 Hours
Mounting:	Installs magnetically and mechanically into STRUT system, Can be mounted on ceiling or wall vertically or horizontally
Finish:	Injection Molded Polycarbonate: Black, Haze, Chrome, Gold, White, Injection Molded Polycarbonate: Haze, Black, Injection Molded Polycarbonate: White
Operating Temp:	-4°F to 104°F (-20°C to 40°C)
Standards:	UL, cUL, Dry Location Listed, Title 24 JA8-2019 Compliant



#### FINISHES:



### Surface Mounted Channels

**ORDER NUMBER**

System	Model	Length	Finish
S2	CPS01	1 ft 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**

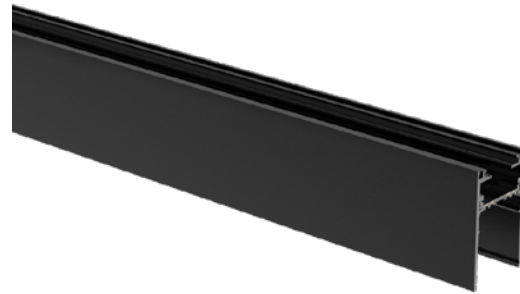
The only lighting, power, and control system complete with lighting elements designed for discriminating performance. Configure STRUT for your retail, restaurant, commercial office, or residential lighting plan without custom lead times - get exactly what you want, when you want it.

**FEATURES**

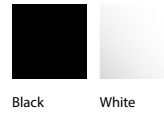
- Heavy duty grade 48VDC channel with data bus.
- Operating Current: Max circuit is rated 12.5A
- Magnetic infrastructure allows you to slide elements within the STRUT and adjust lighting effects while powered
- Black copper busways for power and communications
- 5 Year warranty

**SPECIFICATIONS**

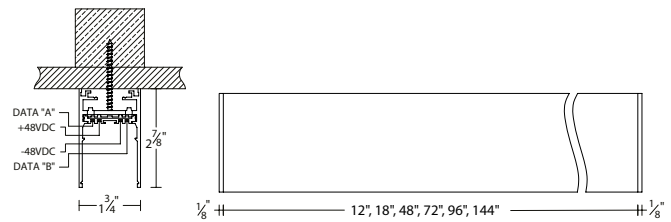
- Construction:** Extruded aluminum with solid copper alloy bus bars
- Input:** 48 VDC
- Mounting:** Surface mounted onto drywall, on concrete, or on grid  
Can be mounted on ceiling or drywall wall vertically or horizontally
- Finish:** Electrostatically Powder Coated White, Black
- Standards:** UL,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



**FINISHES**




**LINE DRAWING**






### Surface Mounted Channels

#### CHANNEL COVER

	Accessories	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 seperately.	<b>S2CPS-L</b>	<b>BK</b> <b>WT</b>	Black White



### Surface Mounted Channels

		Model	Finish	
	<b>T Connector</b> Joins three channel sections. Feed separately. 1 connectors sold seperately.	<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 seperately.	<b>S2CPS-X</b>	<b>BK</b> <b>WT</b>	Black White
	<b>Inside Corner</b> Joins ceiling to wall sections. 1 connectors sold seperately	<b>S2CS-IC</b>	<b>BK</b> <b>WT</b>	Black White
	<b>Outside Corner</b> Joins wall to wall sections. 1 connectors sold seperately.	<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 seperately.	<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 seperately.	<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>SURFACE MOUNT GRID CLIP</b> Field installable mounting hardware for popular grid types	<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

Example: **S2CSG1-CLIP**



## 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: 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.

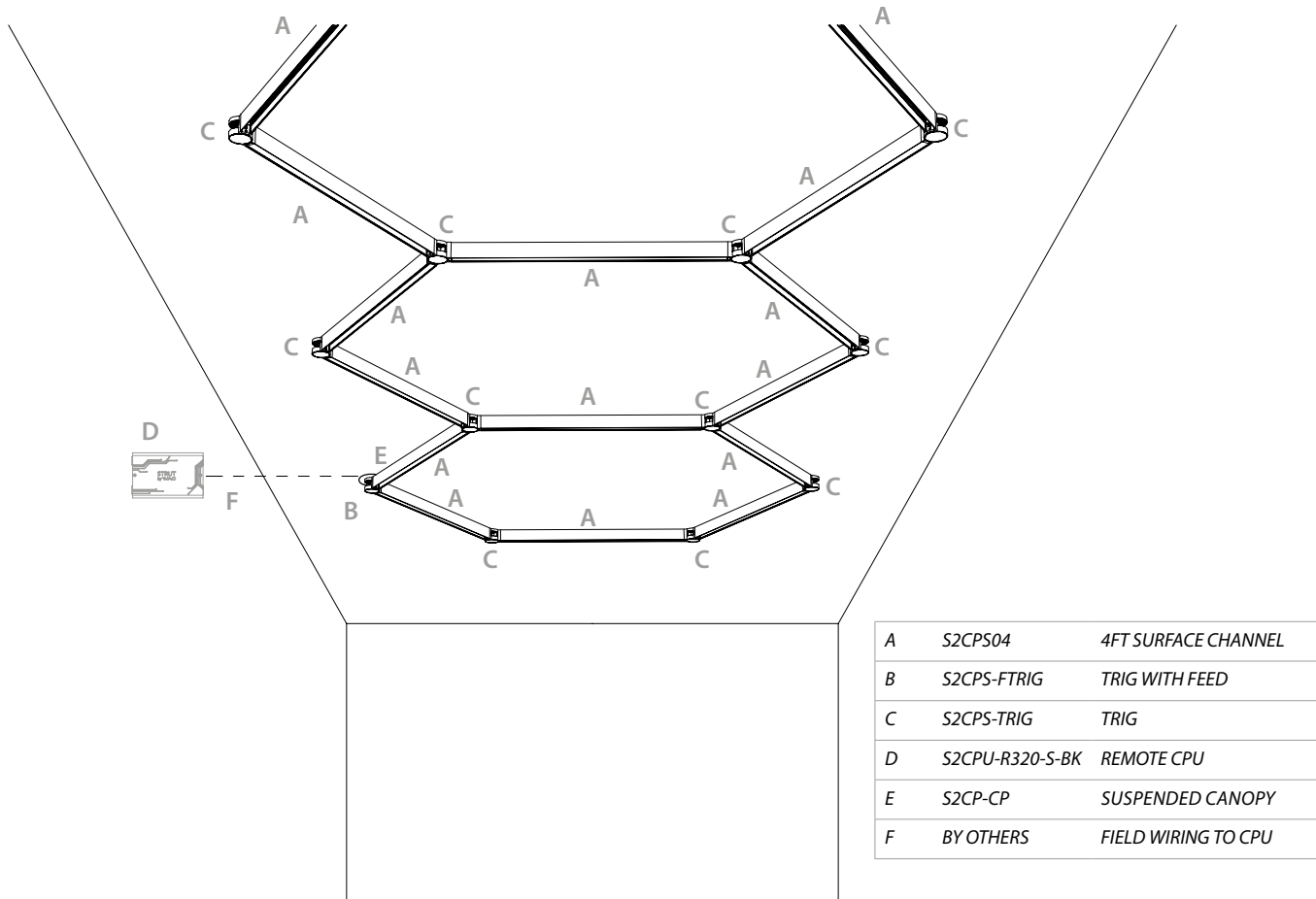
### CHOOSE YOUR CONNECTED POWER UNIT (CPU)

- Select remote mount 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.



### Surface Mount CPU

Model	Power	Control Protocol	Finish
<input type="radio"/> S2CPU-S	<input type="radio"/> 096 96W	<input type="radio"/> S 0-10V,ELV,TRIAC <input type="radio"/> X DMX,0-10V,ELV,TRIAC <input type="radio"/> Z 0-10V x4,ELV,TRIAC	<input type="radio"/> BK Black <input type="radio"/> WT White
	<input type="radio"/> 150 150W	<input type="radio"/> S 0-10V,ELV,TRIAC <input type="radio"/> X DMX,0-10V,ELV,TRIAC <input type="radio"/> Z 0-10V x4,ELV,TRIAC	
	<input type="radio"/> 320 320W	<input type="radio"/> S 0-10V,ELV,TRIAC <input type="radio"/> X DMX,0-10V,ELV,TRIAC <input type="radio"/> Z 0-10V x4,ELV,TRIAC	
	<input type="radio"/> 600 600W	<input type="radio"/> S 0-10V,ELV,TRIAC <input type="radio"/> X DMX,0-10V,ELV,TRIAC <input type="radio"/> Z 0-10V x4,ELV,TRIAC	

Example: **S2CPU-S096-S-BK**

#### 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.

#### FEATURES

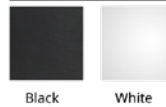
- Accepts input ranges of 120-277V AC, and converts to a stable 48V DC output.
- TRIAC/ELV Dimmer Input: 120VAC
- To meet EMC requirements, recommended for 150W, 320W, 600W total system power should be between 50%-95% of the CPU's capacity.
- Maximum feed and channel length (12 AWG power and 16 AWG data wires): 96W,150W,320W: 200FT ; 600W: 100FT
- Compatible with WAC App via 2.4 GHz WiFi
- Can be used as a suspension support and feed point for suspended STRUT channel
- Can be fed either through direct mounting over recessed junction box or conduit feed through side knockouts
- 5 year warranty

#### SPECIFICATIONS

<b>Construction:</b>	Steel housing with injected molded polycarbonate cover
<b>Input:</b>	120-277 VAC, 50/60Hz
<b>Dimming:</b>	ELV: 100-0.1% , 0-10V: 100-0.1%, 0-10V,ELV,TRIAC, DMX,0-10V,ELV,TRIAC, 0-10V x4,ELV,TRIAC, TRIAC: 100-0.1%
<b>Mounting:</b>	Secures on ceiling surface for powering of STRUT
<b>Finish:</b>	Injection Molded Polycarbonate: Black, White
<b>Operating Temp:</b>	-4°F to 104°F (-20°C to 40°C)
<b>Standards:</b>	UL, cUL



#### FINISHES:



#### LINE DRAWING:

