SS2C SOFT STRIP 2.5W 24VDC HIGH OUTPUT, COMMERCIAL GRADE (85+ OR 95+CRI)

SS2C-24V-_-30K
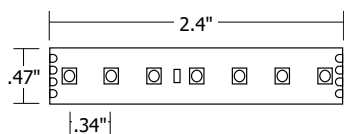
Description:

Commercial-grade 24 volt Soft Strip provides high levels of light with high CRI LEDs, offering superior color rendering and enhanced color. LEDs are distributed close together for uniform illumination without hotspots. The 1/2" wide flexible copper strip, with an optically clear protective coating, is sold in 1 ft increments up to 40 feet with cutting increments every 2.4 inches. Snap & Light Power Connector is required and is sold separately (pages 4-5). Additional Snap & Light Connectors (pages 4-5) are available for making custom configurations. At only 2.5 system watts per foot, this 24 volt system dims with an electronic low-voltage or 0-10V dimmer (sold separately). Self-adhering SS2C mounts to most smooth finished surfaces with industrial strength 3M tape (provided on back of strip); some unfinished surfaces may require screw-in mounting clips (sold separately). Designed for indoor/damp locations. Soft Strip is compatible with solderless Snap & Light Connectors. Fixtures include a 5 year warranty.

Applications:

Indoor/Damp Location - Cove, retail, hotel and display. ETL listed to conform to UL 2108 for closet and under-cabinet applications.

Maximum Length
Before Refeeding: 40 Ft*

LENGTH IN FEET	TOTAL WATTAGE	LENGTH IN FEET	TOTAL WATTAGE
1	3	21	51
2	5	22	54
3	8	23	56
4	10	24	58
5	13	25	61
6	15	26	63
7	17	27	66
8	20	28	68
9	22	29	70
10	25	30	73
11	27	31	75
12	29	32	78
13	32	33	80
14	34	34	82
15	37	35	85
16	39	36	87
17	41	37	90
18	44	38	92
19	46	39	94
20	48	40	96

*24 Ft maximum when used with

PSB-60W-ELV-24VDC

Lamp:

Watts per Foot	Color Temp.	CRI	Lumens per Watt	per Foot	50,000 Hour Lamp Life
2.5	2400K	85+	87	218	●
2.5	2700K	95+	91	228	●
2.5	3000K	95+	96	240	●
2.5	3500K	85+	112	280	●
2.5	4000K	85+	122	305	●
2.5	5700K	85+	117	293	●

24VDC Power Supply (sold separately):

PSB-96W-010-24VDC 120-277VAC input, 96 watt output
PSB-2X96W-010-24VDC 120-277VAC input, 2x96 watt output
PSB-3X96W-010-24VDC 120-277VAC input, 3x96 watt output
PSB-4X96W-010-24VDC 120-277VAC input, 4x96 watt output
PSB-60W-ELV-24VDC 120VAC input, 60 watt output
PSB-100W-ELV-24VDC 120VAC input, 96 watt output
PSB-2X100W-ELV-24VDC 120VAC input, 2x96 watt output
PSB-3X100W-ELV-24VDC 120VAC input, 3x96 watt output
PSB-4x100W-ELV-24VDC 120VAC input, 4x96 watt output

Dimming:

0-10 power supplies use 0-10V dimmer: Philips Sunrise SR1200ZTUNV. ELV power supplies use ELV dimmer: Legrand, Adorne ADTP703TU; Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio Ra 2

Mounting Straps & Clips: (see page 6)
SS-SU
Use U-Strap every 6 to 12 inches for extra support (30 per package).

SS-ST
Use Tie Strap every 6 to 12 inches for extra support (30 per package).

SS-MCL
Mounts beneath strip, snapping strip in place for additional support (10 per package).

2.4"

.47"

.34"

System		Voltage		Length in Feet		Color Temperature	
SS2C	–	**24V**	–	**40**	–	**27K**	

SS2C Soft Strip Commercial 2.5W per Ft	**24V** 24 Volt	Solid in 1ft increments up to 40 ft (Example 40=40')

24K 2400K Amber White
27K 2700K Very Warm White
30K 3000K Warm White
35K 3500K Neutral White
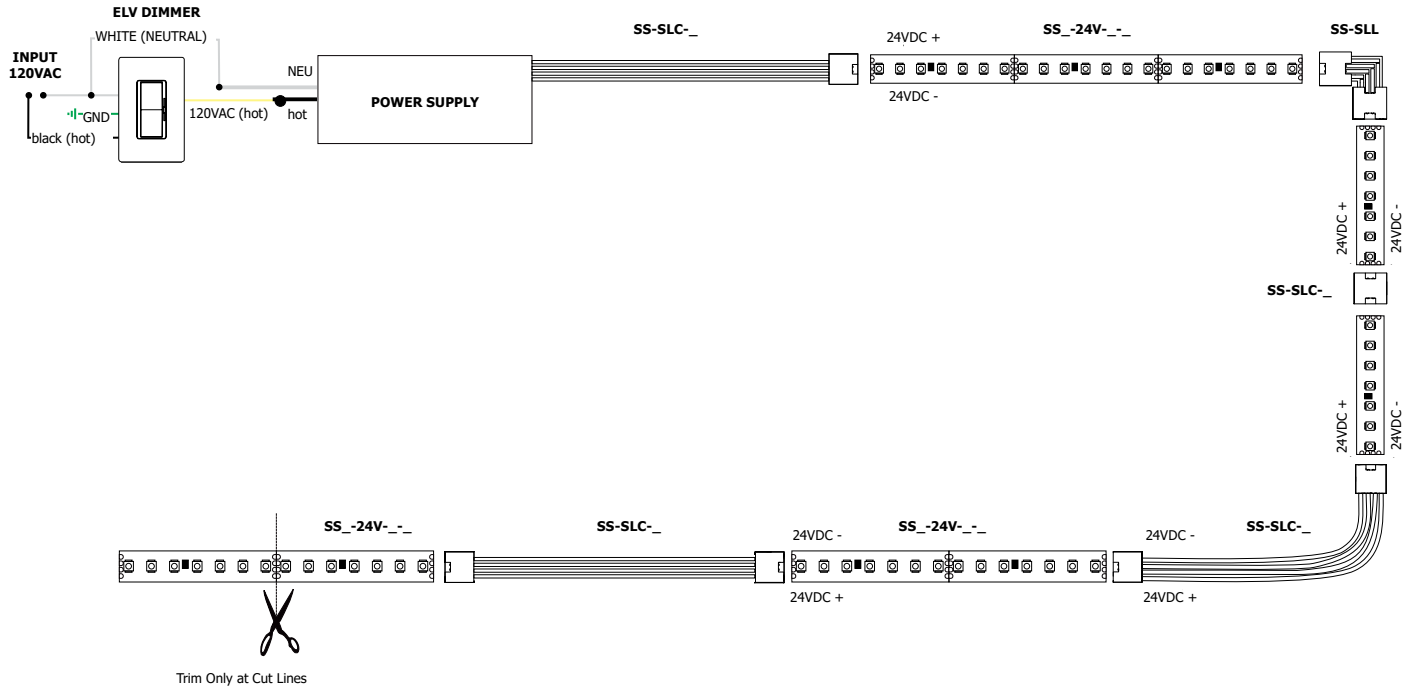**40K** 4000K Cool White
57K 5700K Daylight White
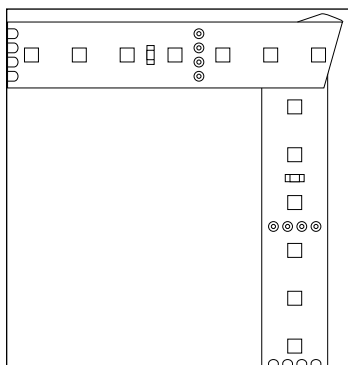
PROJECT:
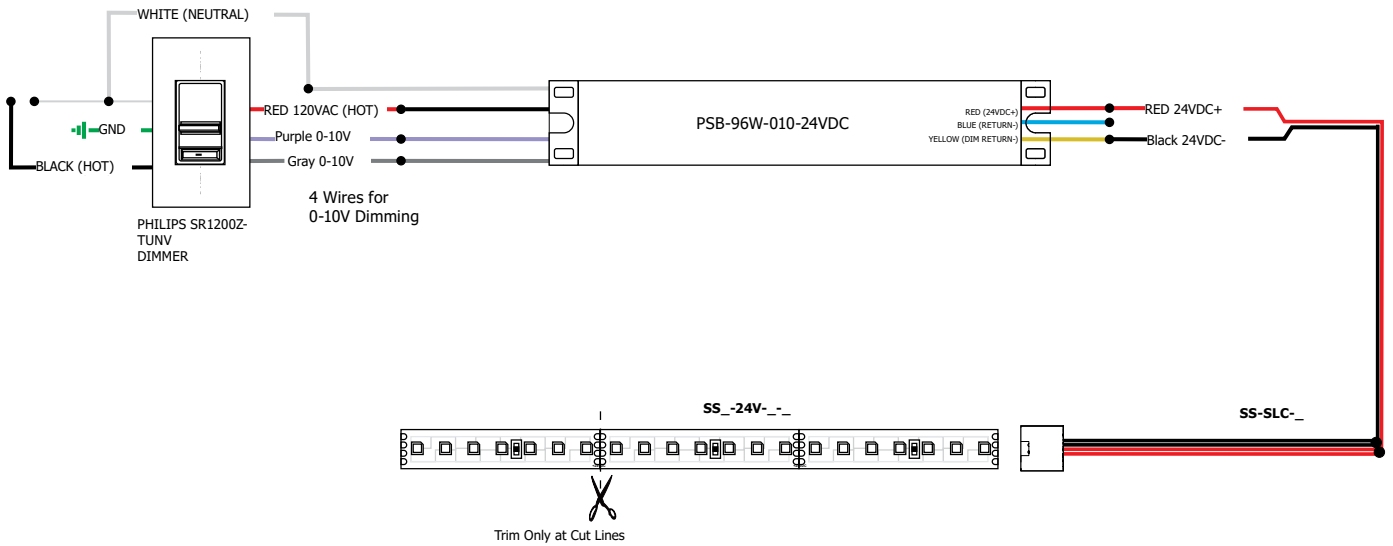
FIXTURE TYPE:

DATE:

EDGE LIGHTING

Application: Electronic low-voltage dimming for SS2C Soft Strip

Power Supply: PSB-60W-ELV-24VDC**:** 120VAC input, 24VDC 60 watt output

Dimming: Dimmable with low voltage electronic dimmer using power supply above. See power supply spec sheet for additional details. Lutron: Diva DVELV-300P; Skylark SELV-300P; Maestro MAELV-600 dimmers are recommended.
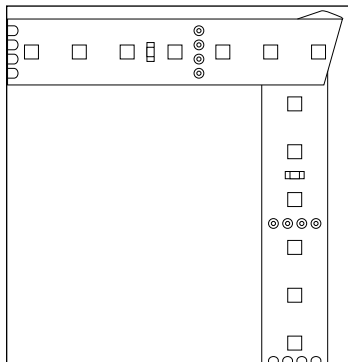

Trim Only at Cut Lines

STRIP **DOES NOT** BEND 90°

EDGE LIGHTING

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Application: 0-10V dimming for SS2C Soft Strip

Power Supply: Class 2, 24VDC output: 120-277VAC input, 96 watt output PSB-96W-010-24VDC

Dimming: Dimmable with 0-10V dimmer using power supply above. See power supply spec sheet for additional details. Philips Sunrise SR1200ZTUNV, 0-10V dimmer recommended.
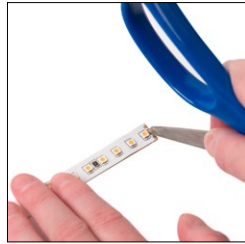
WHITE (NEUTRAL)

GND

BLACK (HOT)

RED 120VAC (HOT)

Purple 0-10V

Gray 0-10V

PHILIPS SR1200Z-
TUNV
DIMMER

4 Wires for
0-10V Dimming

PSB-96W-010-24VDC

RED (24VDC+)
BLUE (RETURN-)
YELLOW (DIM RETURN-)

RED 24VDC+

Black 24VDC-

SS_-24V-_-_

SS-SLC-_

Trim Only at Cut Lines

STRIP **DOES NOT** BEND 90°

PROJECT:	FIXTURE TYPE:	DATE:	EDGE LIGHTING

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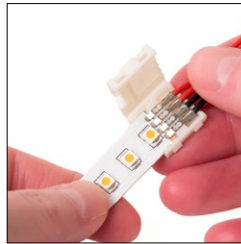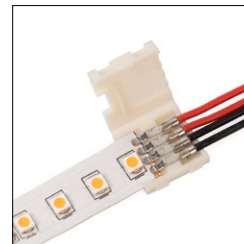
REV.02.03.17

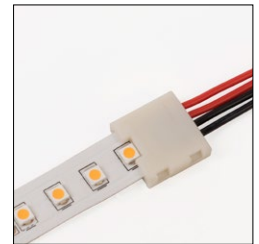Cut in middle of joining contacts

Scrape protective coating from contacts

Place the Strip end under the plastic guide and push under the snap contacts.

Close the cover

Snap the cover to secure in place

Snap & Light Accessories

Snap & Light Accessories provide easy connection of white or RGB Soft Strip sections. The do-it-yourself accessories — without limitations— allow cutting and rejoining of Soft Strip at any point. The accessories attach to the end of Soft Strip, secure the Strip and snap shut to lock it into place. Snap & Light Accessories ensure a tightly sealed connection, while the gold plated pins provide better connectivity without oxidation.

.63"
(1.6cm)

.6"
(1.5cm)
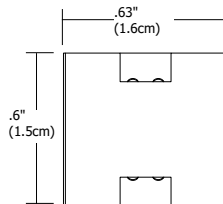
Snap & Light Straight Joiner Connectors

Snap & Light Straight Joiner Connectors join two cut sections of white or RGB Soft Strip end to end.

Product		Type
SS	–	**SLC**

SS Soft Strip   **SLC** Snap & Light Straight Connector

1.26"
(3.2cm)

1.26"
(3.2cm)
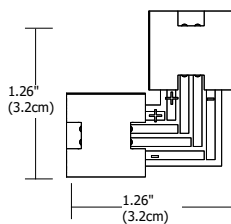
Snap & Light L-Connectors

Snap & Light L-Connectors join and conduct power to two sections of white or RGB Soft Strip in an L-shape.

Product		Type
SS	–	**SLL**

SS Soft Strip   **SLL** Snap & Light L-Connector

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REV.02.03.17
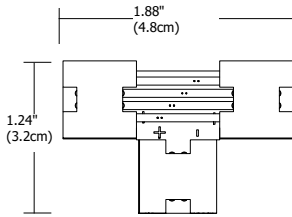
Snap & Light T-Connectors

Snap & Light T-Connectors join and conduct power to three sections of white or RGB Soft Strip in a T-shape.

1.88"
(4.8cm)

1.24"
(3.2cm)

Product	Type
SS	**SLT**
SS Soft Strip	**SLT** Snap & Light T-Connector
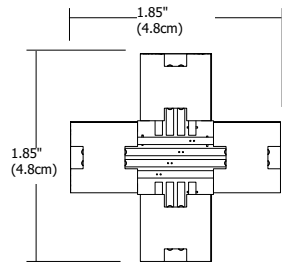
Snap & Light X-Connectors

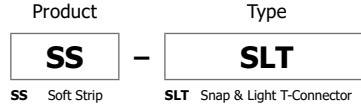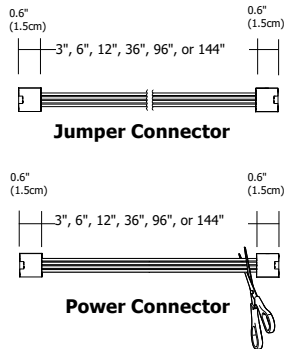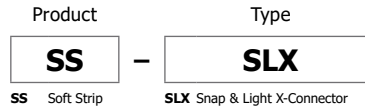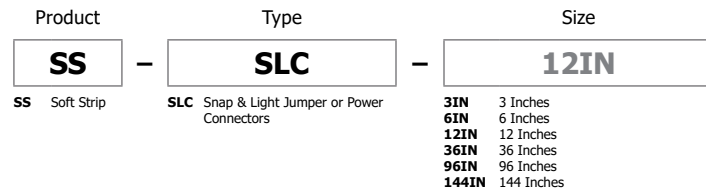Snap & Light X-Connectors join and conduct power to four sections of of white or RGB Soft Strip in an X-shape.

1.85"
(4.8cm)

1.85"
(4.8cm)

Product	Type
SS	**SLX**
SS Soft Strip	**SLX** Snap & Light X-Connector

Snap & Light Jumper or Power Connectors

Snap & Light Jumper or Power Connectors join two cut sections of white or RGB Soft Strip end-to-end. Cut and strip the connector wires to use as a Power Connector.
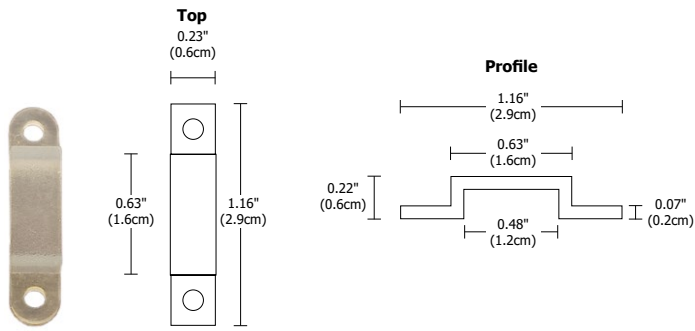
0.6"
(1.5cm)

0.6"
(1.5cm)

3", 6", 12", 36", 96", or 144"

Jumper Connector

0.6"
(1.5cm)

0.6"
(1.5cm)

3", 6", 12", 36", 96", or 144"

Power Connector

Product	Type	Size
SS	**SLC**	**12IN**
SS Soft Strip	**SLC** Snap & Light Jumper or Power Connectors	**3IN** 3 Inches **6IN** 6 Inches **12IN** 12 Inches **36IN** 36 Inches **96IN** 96 Inches **144IN** 144 Inches

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MOUNTING STRAPS

Top
0.23"
(0.6cm)

Profile
1.16"
(2.9cm)

0.63"
(1.6cm)

0.22"
(0.6cm)

0.63"
(1.6cm)

1.16"
(2.9cm)

0.48"
(1.2cm)

0.07"
(0.2cm)

Soft Strip U Strap
Use U-Strap every 6 to 12 inches for extra support (30 per package).

System	Product
SS	**SU**

SS Soft Strip   **SU** U-Strap

Top
0.18"
(0.5cm)

0.21"
(0.5cm)

4.07"
(10.3cm)

Top
0.73"
(1.9cm)

0.48"
(1.2cm)

0.08"
(0.2cm)
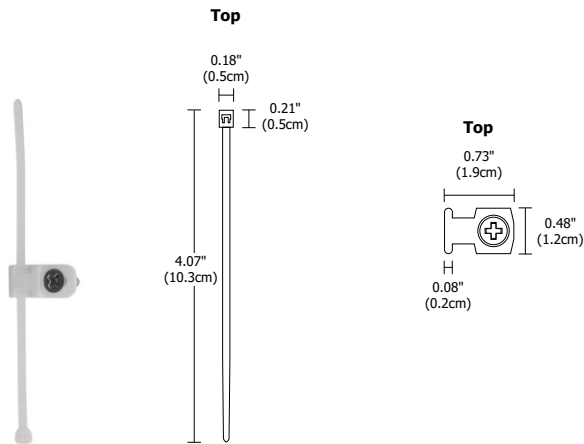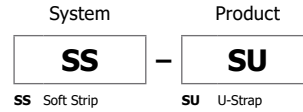
Soft Strip Tie Strap
Use Tie Strap every 6 to 12 inches for extra support (30 per package).

System	Product
SS	**ST**

SS Soft Strip   **ST** Tie Strap

Top
0.39"
(1cm)

0.52"
(1.3cm)

0.11"
(0.3cm)
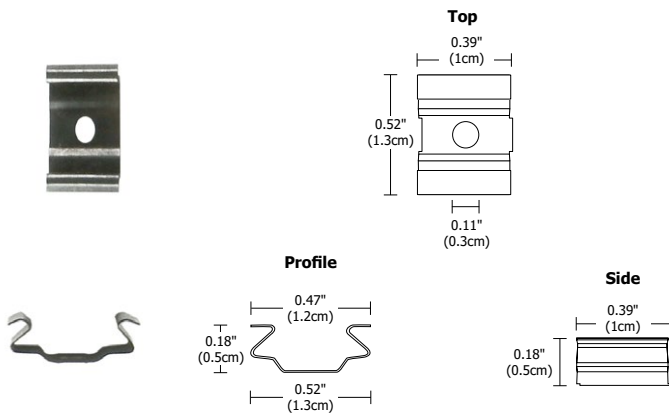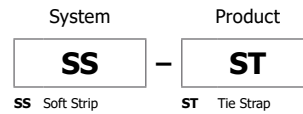
Soft Strip Mounting Clip
Screw In Mounting Clip mounts beneath strip, snapping the Strip into place for additional support (10 per package).

Profile
0.47"
(1.2cm)

0.18"
(0.5cm)

0.52"
(1.3cm)

Side
0.39"
(1cm)

0.18"
(0.5cm)

System	Product
SS	**MCL**

SS Soft Strip   **MCL** Mounting Clip

PROJECT:

FIXTURE TYPE:

DATE:

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