EDGE LIGHTING

1718 W. Fullerton Ave
Chicago, IL 60614
Tel: 773-770-1195
Fax: 773-935-5613
www.edgelighting.com
info@edgelighting.com

SS5C-24V-2K4K-___

ETL LISTED c us
Intertek
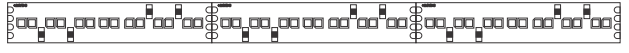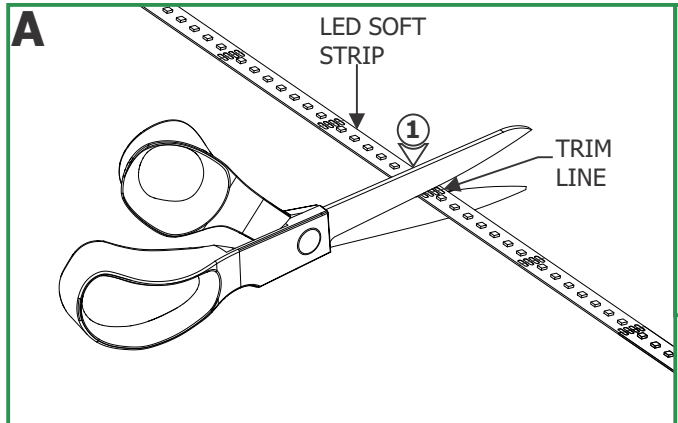
Installation Instructions for **SS5C Commercial LED Soft Strip, Tunable White 2000K-4000K**

IMPORTANT INFORMATION

- This product is ETL listed for indoor locations.

SAVE THESE INSTRUCTIONS!

Section One: Prepare the LED Soft Strip
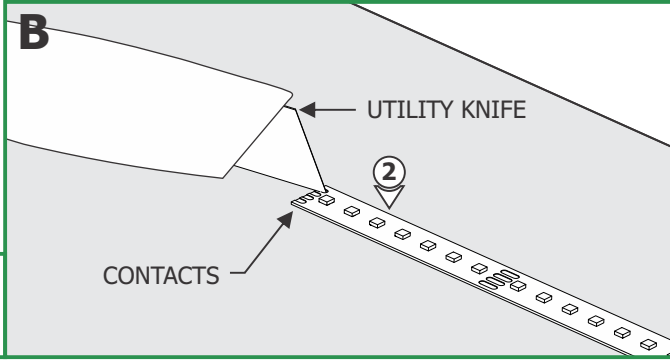
A LED SOFT STRIP
TRIM LINE

1: If necessary trim the LED strip at the marked line above the contact (every 2.4" apart) with a sharp scissor to fit the design.

NOTE: Do not trim the strip over the sections that are joined together by soldering. The soldered contact will not connect to the Snap & Light connector easily.

NOTE: Do not trim the strip at unmarked sections which may cause that section of the strip not to light up.

B UTILITY KNIFE
CONTACTS

2: Place the LED Soft Strip on a flat, stable surface. Using a utility knife, carefully scrape the protective coating from the contacts.

Section Two: Install the Soft Strip

C LED SOFT STRIP
SNAP & LIGHT CONNECTOR
EXPOSED CONTACT
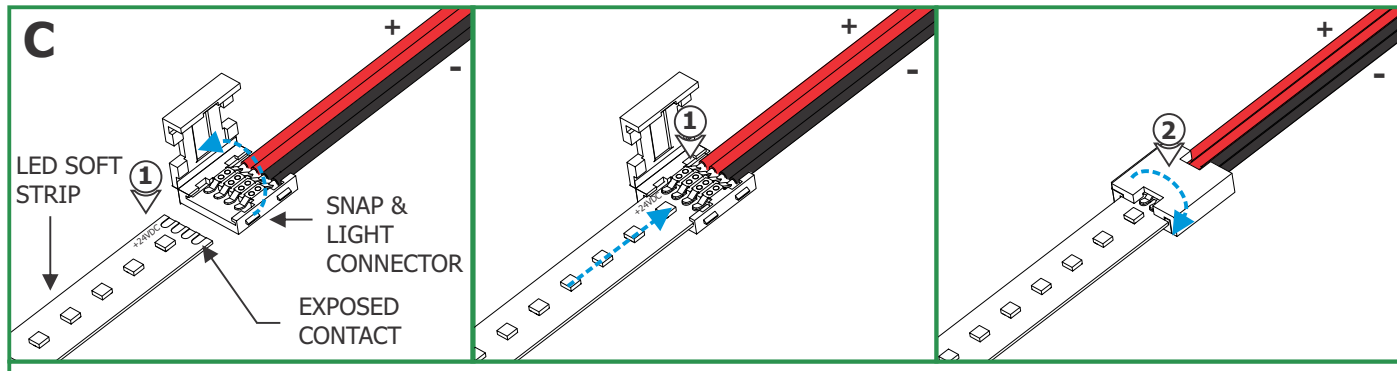
NOTE: Aluminum heat sink tape (SS-HR-F) is sold separately to help dissipate heat generated by LEDs.

1: Align the +24VDC marking on the soft strip with the red wires of the Snap & Light connector. Insert the exposed contact at the end of the LED strip under the Snap & Light contacts ensuring that the strip contacts are aligned and covered under the connector contacts.

2: Close the Snap & Light cover and ensure it snaps securely into place.

D

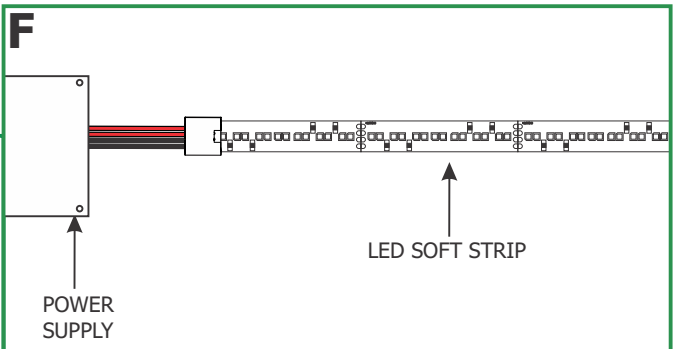SNAP & LIGHT POWER JUMPER

LED SOFT STRIP

③

+

-

SNAP & LIGHT CONNECTOR

③

+

-
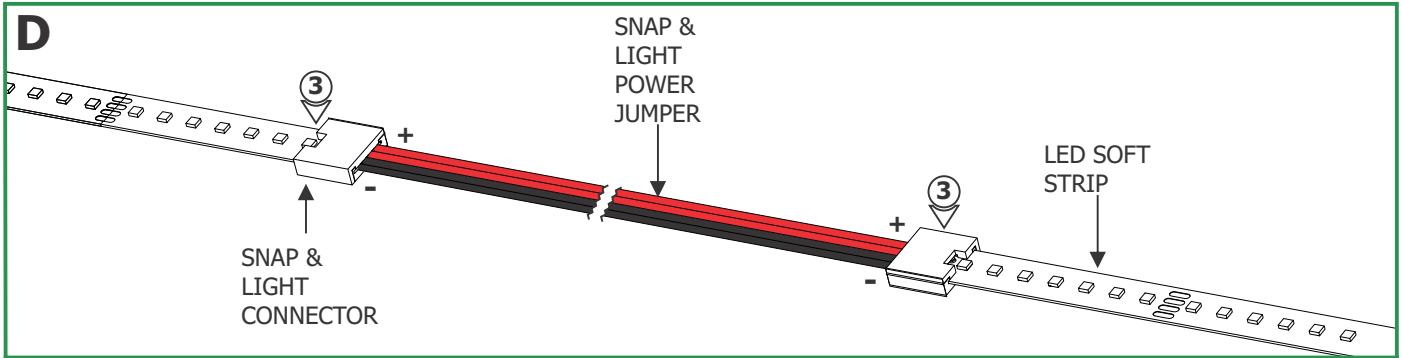
3: When using the Snap & Light power jumper with another soft strip, then follow the steps on Section One; steps 1 and 2 on Section Two.

E

SNAP AND LIGHT CONNECTOR

LED SOFT STRIP

④

PAPER BACKING
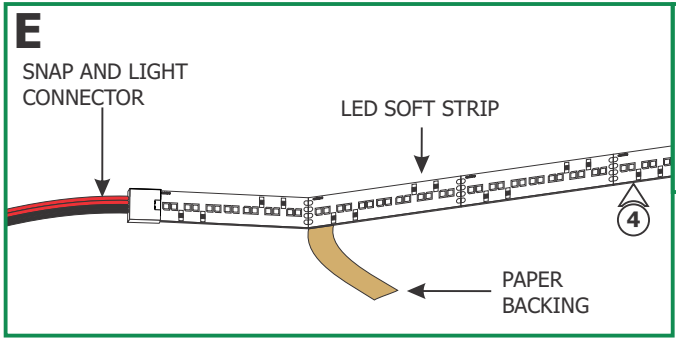
4: Carefully remove the backing from the LED soft strip, make sure not to remove the tape from the soft strip. Firmly press down the adhesive portion of the soft strip onto the mounting surface while removing the rest of the backing, making sure there are no air bubbles that can cause surface irregularities.

5: Trim the other end of the Snap & Light connector when it is used as the power cord. Refer to the wiring diagram below and the instructions provided with the power supply to complete the installation.

NOTE: SS5C soft strip consumes on average 5 Watt per foot/2.5 Watt per color per foot.

F

POWER SUPPLY

LED SOFT STRIP

Wiring Diagram

Dual Power Supplies Controlled Via Individual ELV Dimmers

ELV DIMMER

WHITE (NEUTRAL)

INPUT 120VAC

GND

BLACK (HOT)

120VAC (HOT)

NEU

HOT

POWER SUPPLY

+24VDC RED

-24VDC BLACK

WHITE (NEUTRAL)

INPUT 120VAC

GND

BLACK (HOT)

120VAC (HOT)

NEU

HOT

POWER SUPPLY

+24VDC RED

-24VDC BLACK

ELV DIMMER

PSB- 2x100W-ELV-24VDC

SS5C-24V-___-2K4K
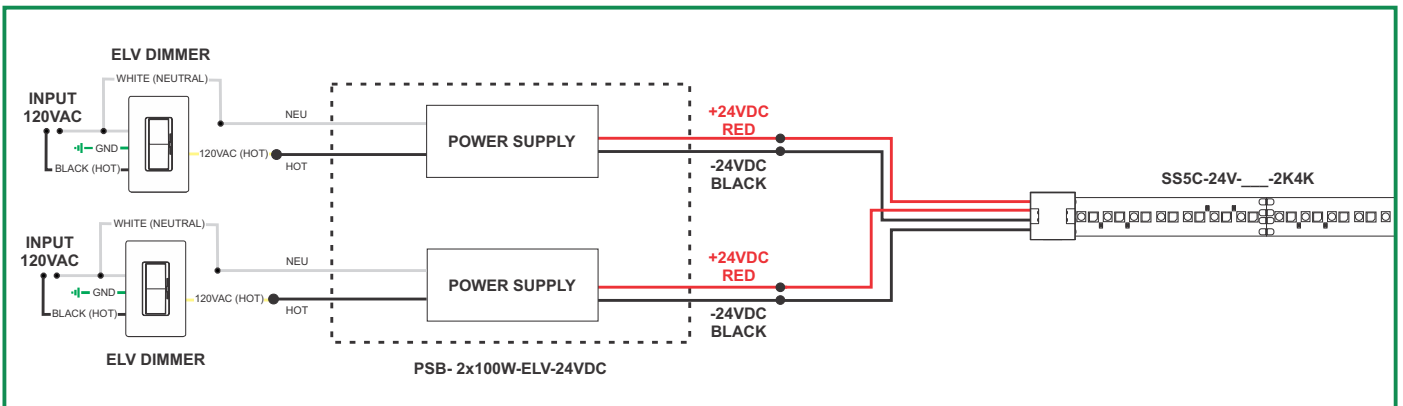
Dual Power Supplies Controlled Via Skylark Dual Dimmer

S2-L

120VAC (HOT)

120VAC (NEU)

HOT

NEU

HOT

NEU

POWER SUPPLY

POWER SUPPLY

+24VDC RED

-24VDC BLACK

+24VDC RED

-24VDC BLACK

SS5C-24V-___-2K4K

PSB-2x100W-ELV-24VDC
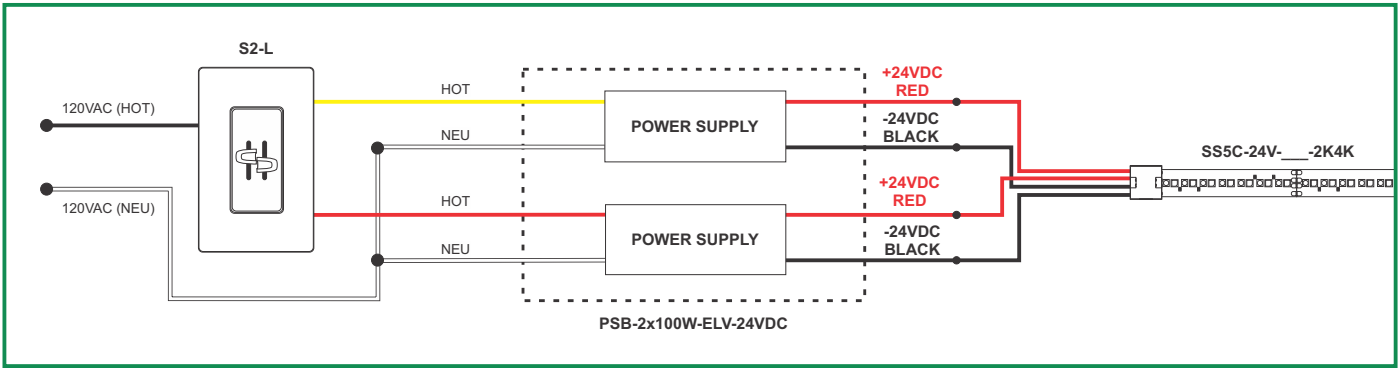
Dual Power Supplies Controlled Via Individual 0-10 Dimmers

0-10V DIMMER

GRAY 0-10V

PURPLE 0-10V

RED (HOT)

GND

BLACK (HOT)

WHITE (NEU)

INPUT 120-277 VAC

POWER SUPPLY

POWER SUPPLY

+24VDC RED

-24VDC BLACK

+24VDC RED

-24VDC BLACK

SS5C-24V-___-2K4K

PSB- 2x96-010-24VDC

0-10V DIMMER

GRAY 0-10V

PURPLE 0-10V

RED (HOT)

BLACK (HOT)

WHITE (NEU)

GND

INPUT 120 -277 VAC
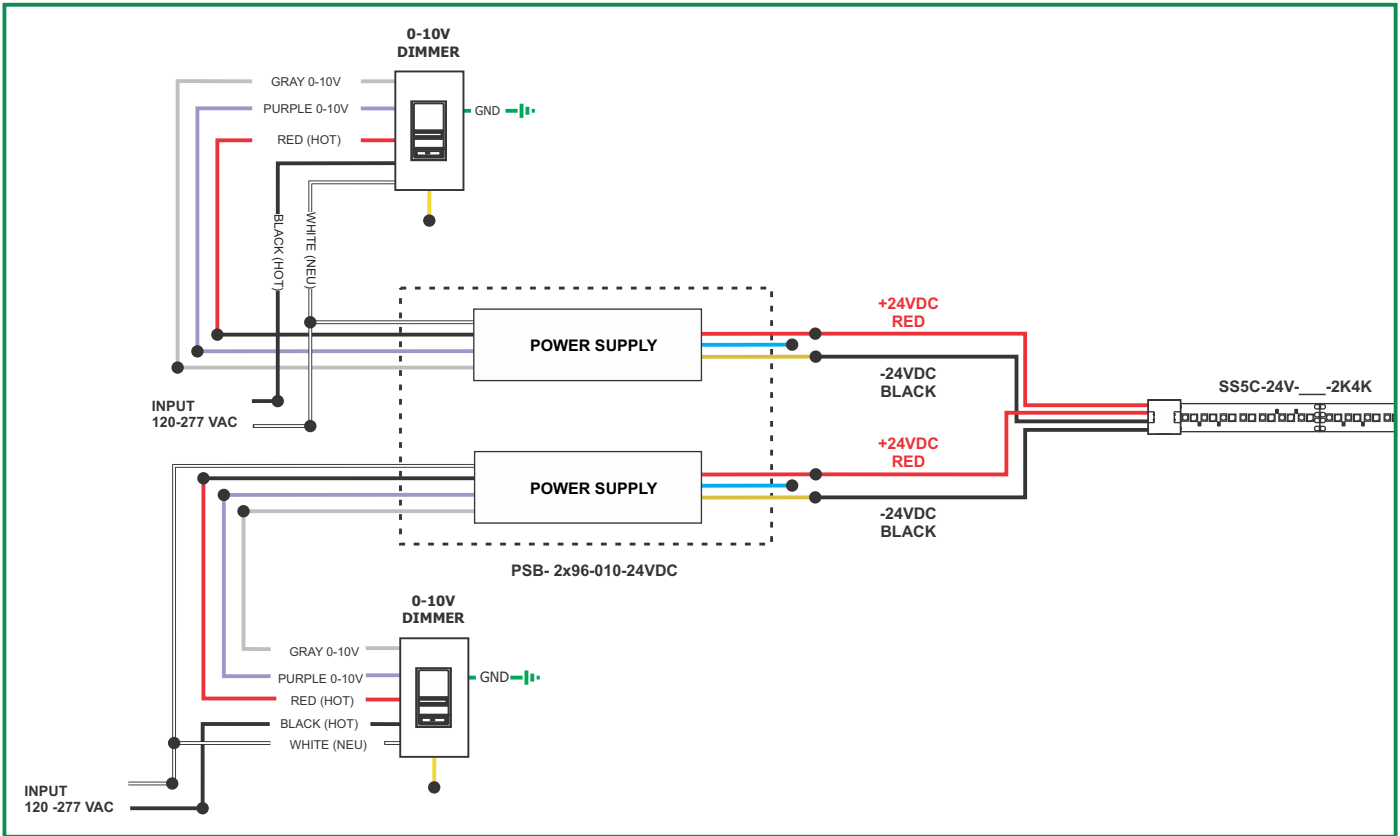
RGB Power Supply with DMX Controller

CDP/CTP or other DMX Signal From Any Compatible Controller

LED SYNC OUT +
LED SYNC OUT -
LED SYNC OUT SHIELD

L   N

120VAC

Power Supply

24VDC

- BLACK

+ RED

If using a CDP Color Dial, configure your CDP to Warm White mode using DIP switches and follow CDP operating instructions:

O   N
1 2 3 4 5 6 7

VDC+
VDC-

Ext in-
Ext in+
DMX in +
DMX in -
DMX in shield
LedSync thru+
LedSync thru-
LedSync shield

Driver

M   —   +

LED supply +
Group 1 -
Group 2 -
Group 3 -
Group 4 -

SS5C-24V-___-2K4K

DMX Cable
(belden #9841 or CAT5)

3

IMPORTANT INFORMATION REGARDING INSTALLATION AND REWORK OF SOFT STRIP LED

DO gently pull up and away from the soft strip if removing to reposition. This avoids damaging the strip.

DO NOT pull the strip back towards itself. Doing so risks damaging the strip and making it not function.

DO only ever use fingers to gently install soft strip to a surface **AFTER** cleaning the surface with alcohol.

DO NOT use any tool to install soft strip to a surface. This will damage the soft strip component.

Relocating Soft Strip (Optional)

G

REMOVE SOFT STRIP TO RELOCATE

SOFT STRIP

ADHESIVE TAPE

ADHESIVE TAPE

APPLY ADHESIVE REMOVER AND THEN BUFF OFF

①

ADHESIVE

②

ADHESIVE BACKING

BACK SIDE OF SOFT STRIP

NOTE: If relocating the installed soft strip, make sure that the adhesive tape on back of the soft strip covers the entire strip. The adhesive tape isolates the strip from the installation surface. Damaged or inconsistent adhesive tape may cause the contacts on the back of the strip to come in contact with the conductive heat sink which will cause the strip to short and burn. Call Edge Lighting to get replacement adhesive tape and/or optional aluminum heat sink tape (SS-HR-F)

1: To remove tape residue from back of the strip, apply WD-40, Goo Gone, or a mixture of warm water and lemon oil to the corner of a clean, dry towel. Gently buff the area containing the adhesive residue until it is completely removed.

2: Gently remove a few inches of the from one side of the tape backing. Attach the adhesive tape to the back of the soft strip and apply moderate pressure to affix the tape. Continue this step a few inches at the time until the entire adhesive tape is attached to back of the soft strip.

3: Refer to the steps on 1 through 5 to reinstall the soft strip.