C3S
SERPENTINE LED LINEAR ACCENT LIGHTING, LOW-POWER
REMOTE POWER SYSTEM

INSTALLATION INSTRUCTIONS

ELECTRICAL RATINGS
The C3S Serpentine is a low voltage system, operating from 12V (white) or 24V (blue).

HARDWARE PROVIDED
(a) Power Feed Cable (PFC3-XX-XX-XX)
(b) Power Supply (Only included with C3R LightReel Kit, otherwise sold separately)

OPTIONAL HARDWARE
(c) Mounting Track (C3S-TK)
(d) Jumper Feed Cable (JFC3-XX-XX-XX)
(e) Track Roller (TRK-ROLLER)

WARNING:
Read and understand these instructions before installing. This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved. Turn off main power supply before you start installing C3S.
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IMPORTANT MOUNTING NOTES
Self-adhesive tape on bottom of C3S-TK-FX track is not intended to be the only means to secure track to substrate; it is an aide to allow the track to be aligned during installation. Tempo recommends using a mechanical fastener (small screws, staples, pin nails, etc.) to permanently secure the mounting track prior to attaching fixtures. Care must be taken to avoid disfiguring the track where the fixture clips are located, otherwise the fixture clips may not properly attach to track.

Alternative mounting method is with C3S-TK mounting track which is intended to be attached to substrate with small bead of general RTV silicone glue along length of track.

STEP 1
Installing the mounting track:
Cut the mounting track to the required length(s). For tight corners, cut the track and position sections at the desired angle, Figure 1
Wipe the mounting surface with isopropyl alcohol or appropriate cleaner to ensure adhesion. Remove the film on the back of the track to expose the adhesive, Figure 2
Apply track to mounting surface by pressing firmly to surface or using optional track roller, Figure 3

You may also tack or staple the center of the track to the surface. See note at top of page.
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INSTALLATION (continued)

STEP 2
Installing the C3S Serpentine on the track:
Place the fixture over the mounting track and
push it onto the track until the hooks on the
fixture engage the lip of the track, as shown in
Figure 4, 5 & 6.

STEP 3:
Connecting Power to the C3S Serpentine:
Install power supply in approved enclosure in
close proximity to luminaire.
Connect the female connector on the PFC to the
male connector on the C3S Serpentine, Figure 7.
Connect the black wire of the PFC to the output
wires of the power supply with wire nuts, Figure 8.

STEP 4:
Connecting fixture to fixture:
The C3S can be joined to other C3S fixtures directly
by connecting the male and female connectors
on the fixture, Figure 9.
or by using the optional JFC, Figure 10.
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MODIFICATION INSTRUCTIONS
WITH FIELD ADAPTATION KIT

The Field Adaptation Kit is used to shorten or split the run length of the LED string

STEP 1
Separating the LED Modules
Remove the wire cover between the two LED modules to be separated, as shown in Figure 11, and cut wires as shown in Figure 12.

STEP 2
Connecting the Female Pin
On the opposite side of the male connector, trim wires, Figure 13.
Connect connector harness to leads by way of solder & heat shrink as shown in Figure 14, or using butt connectors, wire nuts, etc. Connections to be made per local code.

STEP 3
Connecting the Male Pin
On the opposite side of the female connector, trim wires, Figure 15.
Connect connector harness to leads by way of solder & heat shrink as shown in Figure 16, or using butt connectors, wire nuts, etc. Connections to be made per local code.