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C3S

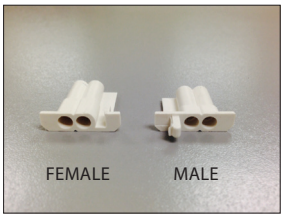
SERPENTINE LED LINEAR ACCENT LIGHTING, LOW-POWER
REMOTE POWER SYSTEM

INSTALLATION INSTRUCTIONS

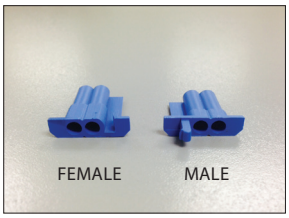
Ratings, Hardware and Warning . . . . . Page 1
Installation Instructions . . . . . Page 2
Modification Instructions with Field Adaptation Kit . . . . . Page 4

ELECTRICAL RATINGS

The C3S Serpentine is a low voltage system, operating from 12V or 24V.



12V White Connectors

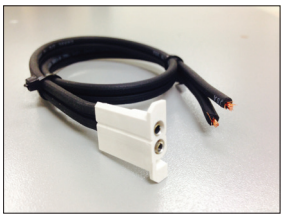


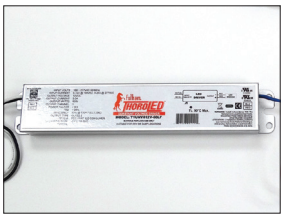
24V Blue Connectors

HARDWARE PROVIDED

(a) Power Feed Cable (PFC3-XX-XX-XX)

(b) Power Supply (Only provided with C3S Kit)


a) PFC


b) Power Supply

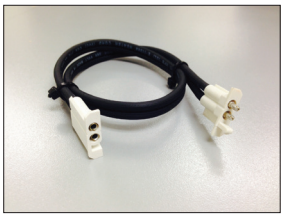
OPTIONAL HARDWARE

(c) Mounting Track (C3S-TK)

(d) Jumper Feed Cable (JFC3-XX-XX-XX)

(e) Track Roller (TRK-ROLLER)


c) Mounting Track


d) JFC


e) Track 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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REMOTE POWER SYSTEM

INSTALLATION

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, **Figure1**

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.

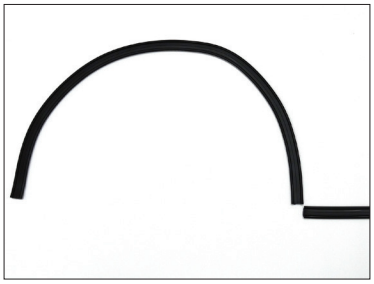

Figure 1

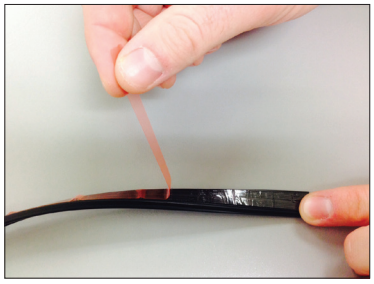

Figure 2

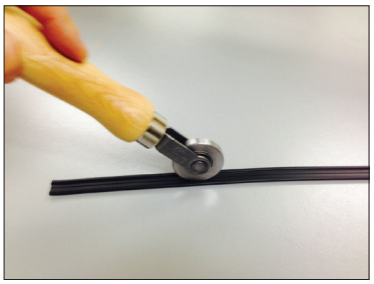

Figure 3

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**.

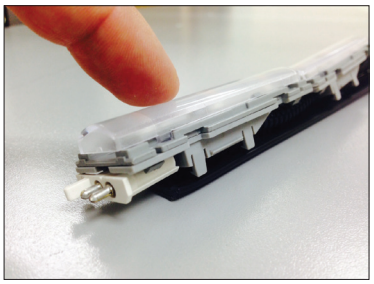

Figure 4

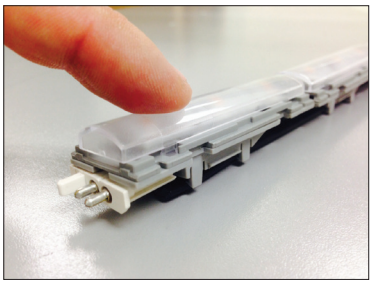

Figure 5

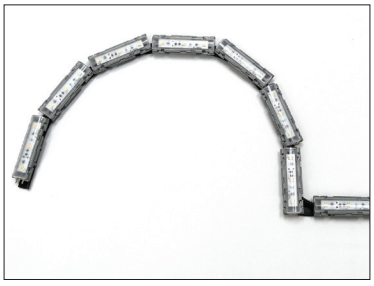

Figure 6

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INSTALLATION (continued)

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**.

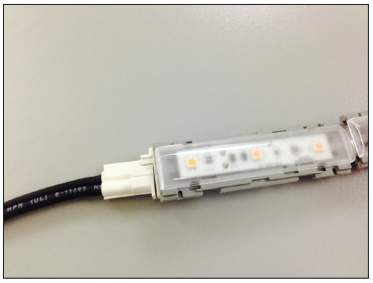

Figure 7

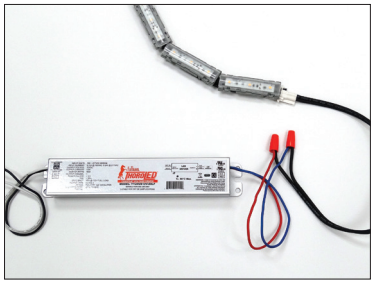

Figure 8

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**.

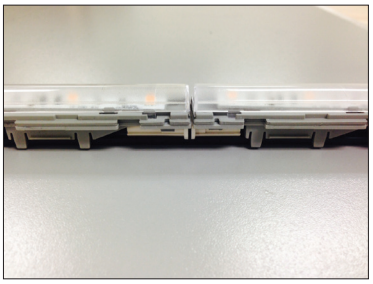

Figure 9

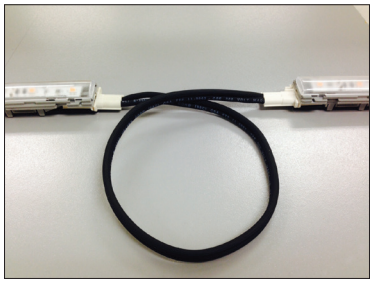

Figure 10

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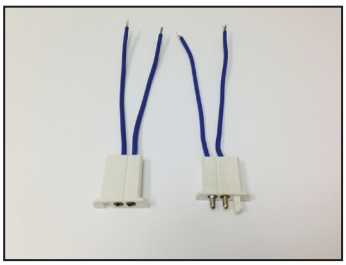
MODIFICATION INSTRUCTIONS

WITH FIELD ADAPTION KIT

The field adapatation kit is used to shorten 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**.

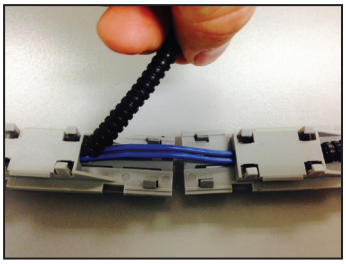


Figure 11

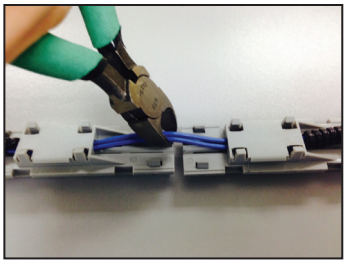


Figure 12

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.

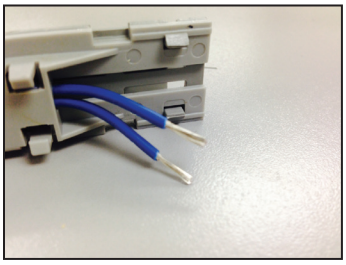


Figure 13

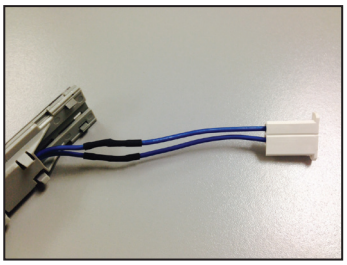


Figure 14

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.

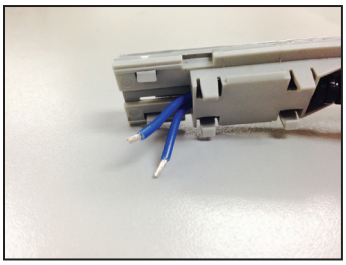


Figure 15

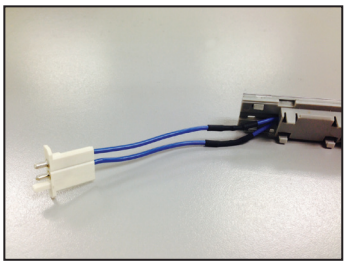


Figure 16

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