tempo architectural

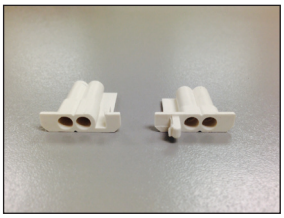
C3R

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

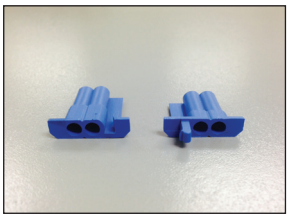
INSTALLATION INSTRUCTIONS

ELECTRICAL RATINGS

The C3R Rigid is a low voltage system, operating from 12V or 24V.



12V White Connectors

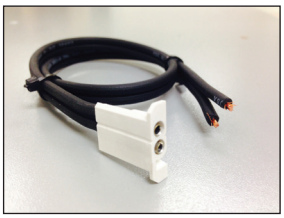


24V Blue Connectors

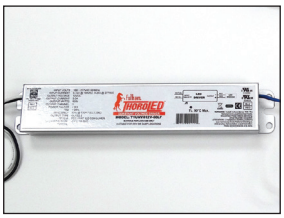
HARDWARE PROVIDED

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

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



a) PFC

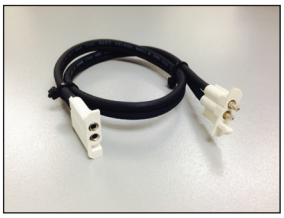


b) Power Supply

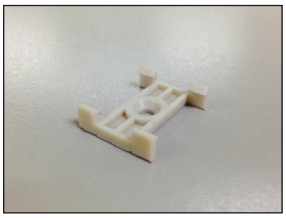
OPTIONAL HARDWARE

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

(d) Mounting Brackets (C3A-MTGBRKT-SURF)



c) JFC



d) Mounting Bracket

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 C3R.

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REMOTE POWER SYSTEM

INSTALLATION

STEP 1

Installing C3R using optional mounting brackets:

Place mounting bracket on mounting surface and secure with screws provided, **Figure1**.

Installing the C3R Rigid on the mounting bracket: Place the fixture over the bracket and push it onto the track until the hooks on the clip engage the lip on the fixture, **Figures 2 & 3**.

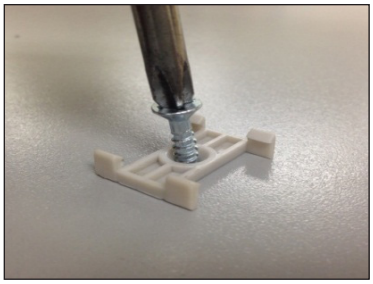

Figure 1

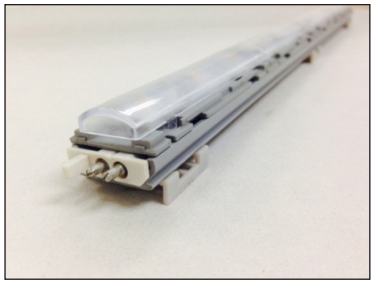

Figure 2

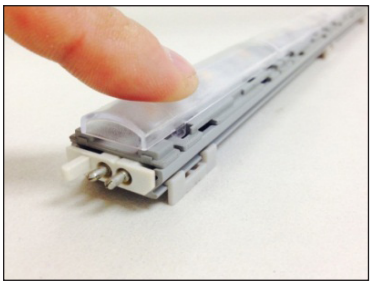

Figure 3

STEP 2

Connecting Power to the C3R Rigid:

Install power supply in approved enclosure in close proximity to luminaire.

Connect the female connector on the PFC to the male connector on the C3R Rigid, **Figure 4**.

Connect the other end of the PFC to the output of the corresponding power supply.

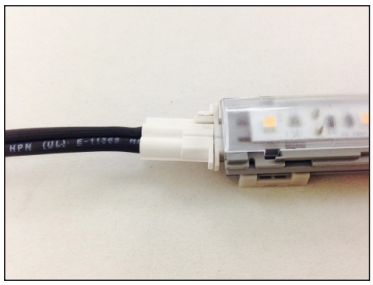

Figure 4

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REMOTE POWER SYSTEM

INSTALLATION (continued)

INSTALLATION

STEP 4

Connecting fixture to fixture:

The C3R can be joined to other C3R fixtures directly by connecting the male and female connectors on the fixture, **Figure 5**, or by using the optional JFC, **Figure 6**.

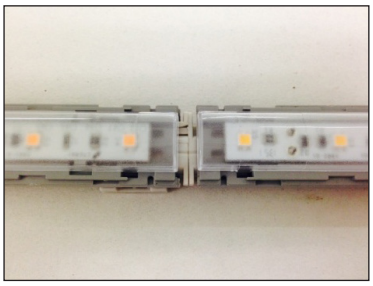

Figure 5

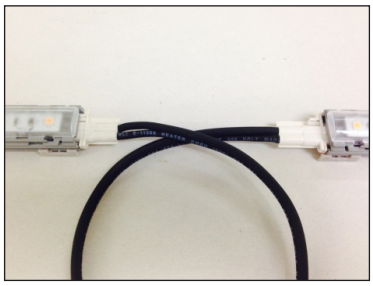

Figure 6

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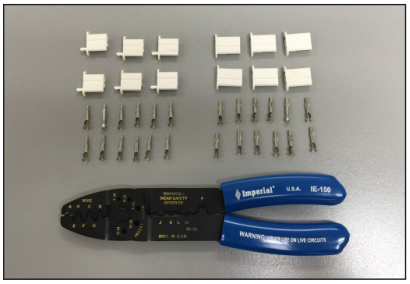
MODIFICATION INSTRUCTIONS

WITH FIELD ADAPTION KIT

The field adapatation kit is used to shorten the run length of the LED string.

Hardware needed:

C3-FAK-12 or C3-FAK-24, C3-CRIMPERTOOL



(C3-FAK-12, C3CRIMPERTOOL shown)

STEP 1

Separating the LED Modules:

Using a flathead screw driver, remove the LED modules from track extrusion, **Figures 9 and 10** and cut wires, **Figure 11**.

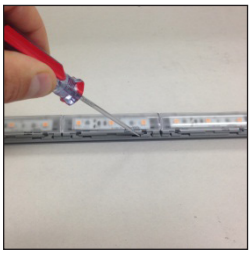


Figure 9

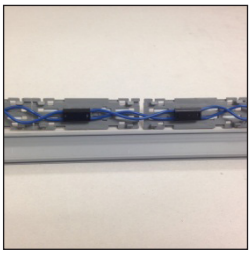


Figure 10

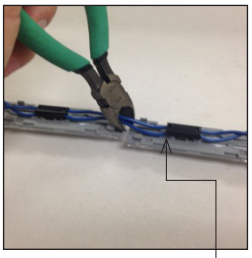


Figure 11

Cut at end for dead end

STEP 2

Connecting the Female Pin:

On the opposite side of the male connector, remove black pin retaining clip and trim wires 1/2" from end of module, **Figure 12**, and strip wire 1/8", **Figure 13**.

Crimp female pins onto wire, **Figure 14**. Add female connector and black pin retaining clip, **Figure 15**.

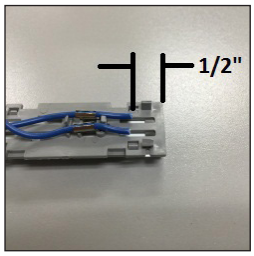


Figure 12

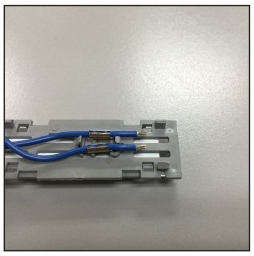


Figure 13

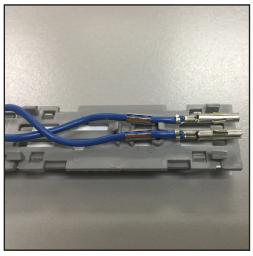


Figure 14

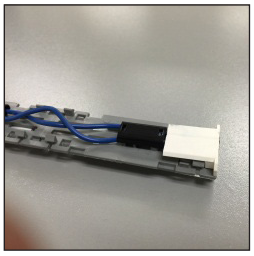


Figure 15

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MODIFICATION INSTRUCTIONS (continued)

WITH FIELD ADAPTION KIT

STEP 3

Connecting the Male Pin:

On the opposite side of the female connector, trim wires 3/8" from end of module, **Figure 16**, and strip wire 1/8", **Figure 17**.

Crimp male pins onto wire as shown, **Figure 18**.

Add male connector and black pin retaining clip, **Figure 19**.

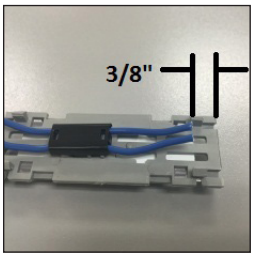

Figure 16

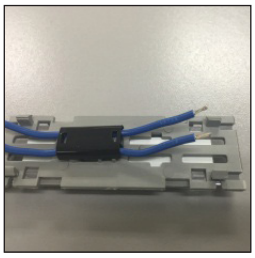
Figure 17

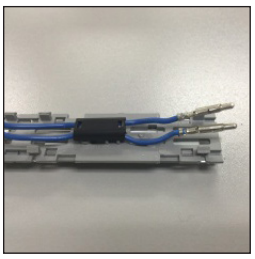
Figure 18

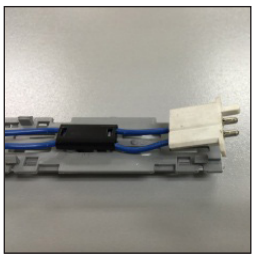
Figure 19

STEP 4

Cutting track and adding LED modules:

Measure track and cut to desired length, **Figure 20**, once complete, add LED modules back to track, **Figure 21 & 22**.

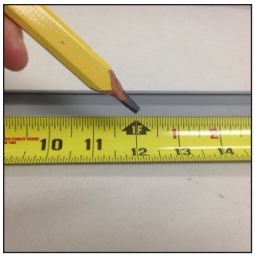
Figure 20


Figure 21

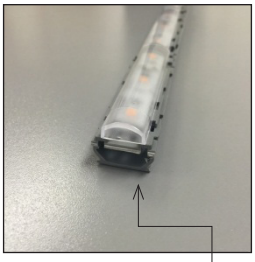
Figure 22

Dead end LED module

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