



## C3R

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

## INSTALLATION INSTRUCTIONS

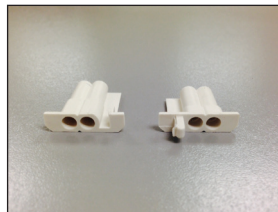
---

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

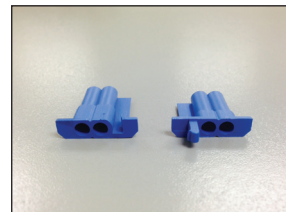
---

### ELECTRICAL RATINGS

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



12V White Connectors



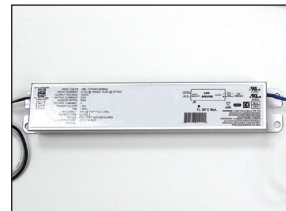
24V Blue Connectors

### HARDWARE PROVIDED

- (a) Power Feed Cable (PFC3-XX-XX-XX)
- (b) Power Supply (Only provided with C3S Kit)



a) PFC



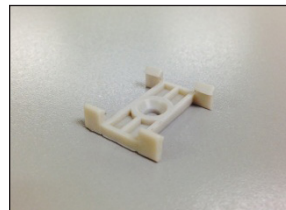
b) Power Supply

### OPTIONAL HARDWARE

- (c) Jumper Feed Cable (JFC3-XX-XX-XX)
- (d) Mounting Brackets (C3A-MTGBRKT-SURF or C3A-MTGBRKT-SURF-20)



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.

## C3R

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

## INSTALLATION

### STEP 1

Installing C3R using optional mounting brackets:

Note: 18" maximum spacing between brackets.

Place mounting bracket on mounting surface and secure with screws provided, **Figure 1**.

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

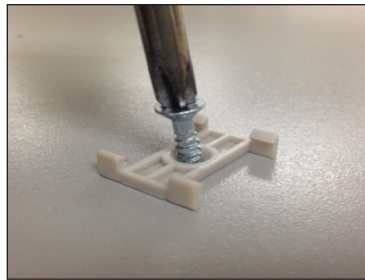


Figure 1



Figure 2

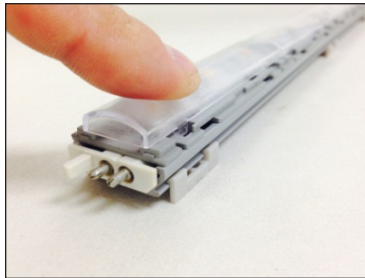


Figure 3

**18" Maximum Spacing Between  
Mounting Brackets.**

### 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.

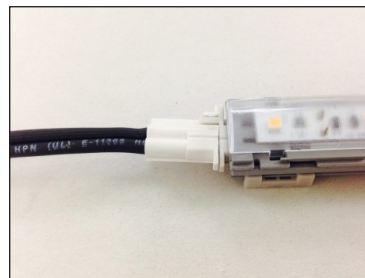


Figure 4

## C3R

RIGID LED LINEAR ACCENT LIGHTING, LOW-POWER  
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 Jumper Feed Cable (JFC), **Figure 6**.



Figure 5

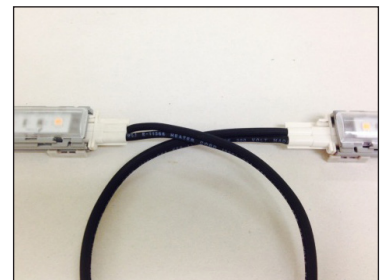


Figure 6

## C3R

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

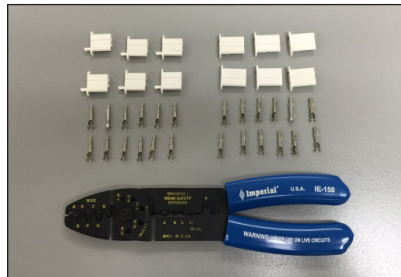
## MODIFICATION INSTRUCTIONS

WITH FIELD ADAPTION KIT

The field adaptation 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**.

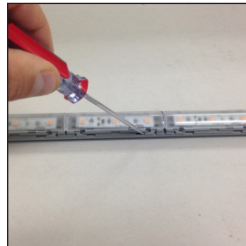


Figure 9

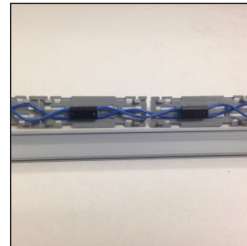


Figure 10

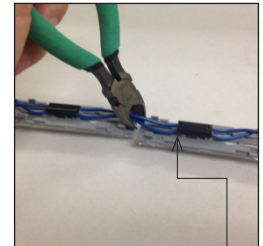


Figure 11

Cut at end for  
dead end

### STEP 2

#### Connecting the Female Socket:

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

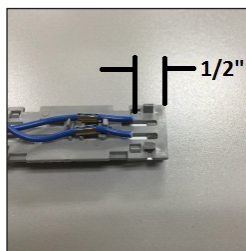


Figure 12

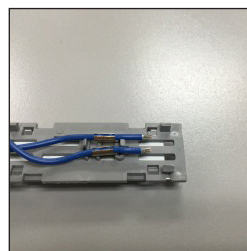


Figure 13

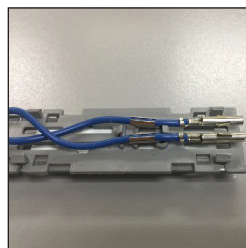


Figure 14

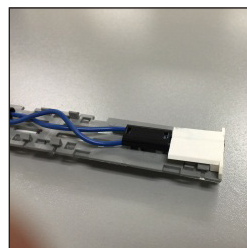


Figure 15

## C3R

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

### 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**.

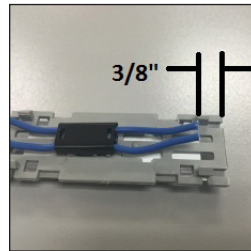


Figure 16

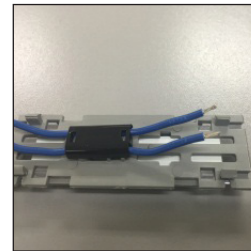


Figure 17

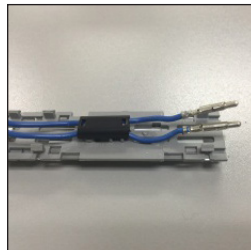


Figure 18

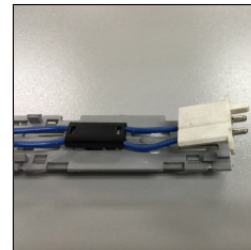


Figure 19

#### 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**.

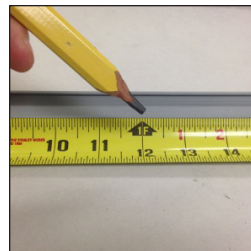


Figure 20



Figure 21

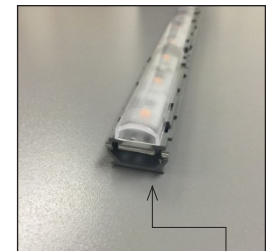


Figure 22

Dead end LED  
module