

C3R

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

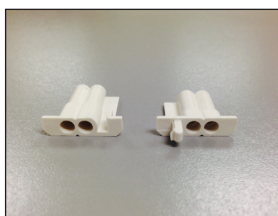


INSTALLATION INSTRUCTIONS

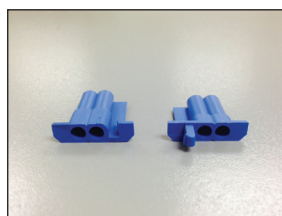
Ratings, Hardware and Warning.....	Page 1
Installation Instructions.....	Page 2
Modification Instructions with Field Adaptation Kit.....	Page 4

ELECTRICAL RATINGS

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



12V White Connectors



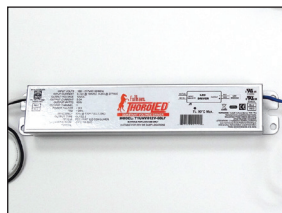
24V Blue Connectors

HARDWARE PROVIDED

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



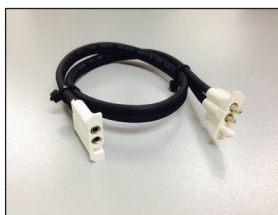
a) PFC



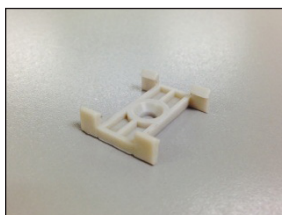
b) Power Supply

OPTIONAL HARDWARE

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



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:

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 bracket and push it onto the track until the hooks on the clip engage the lip on the fixture, **Figures 2 & 3**.

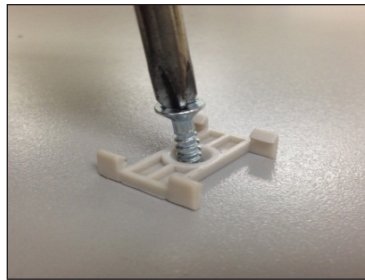


Figure 1

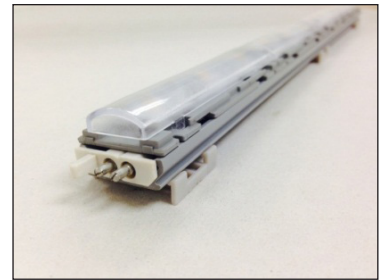


Figure 2

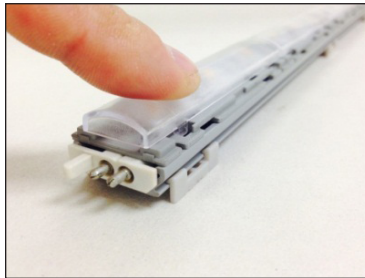


Figure 3

STEP 2

Installing the C3R Rigid using RTV silicone:

Wipe the mounting surface with isopropyl alcohol or appropriate cleaner to ensure optimal adhesion. Add a bead of RTV silicone on entire length of fixture on the bottom, **Figure 4**.

Place the fixture on the mounting surface and apply pressure to fixture, **Figure 5**, per RTV manufacturer's recommended length of time. (RTV provided by others)

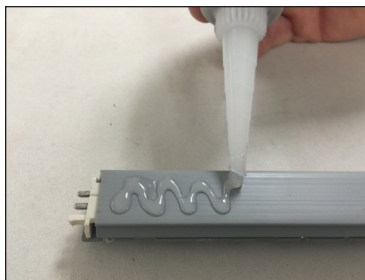


Figure 4

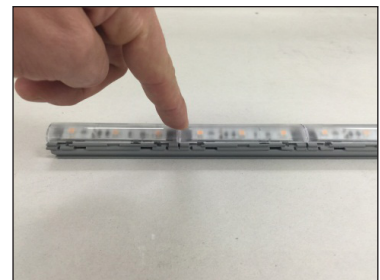


Figure 5

C3R

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

INSTALLATION (continued)

INSTALLATION

STEP 3

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 6**.

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

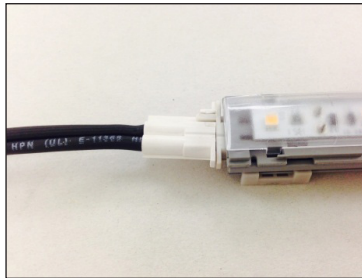


Figure 6

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 7**, or by using the optional JFC, **Figure 8**.

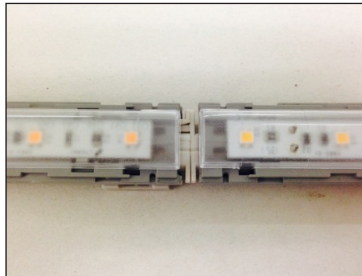


Figure 7

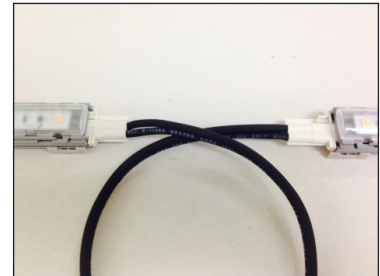


Figure 8

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, C3-CRIMPERTOOL 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**.

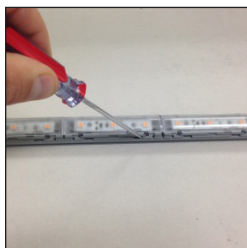


Figure 9

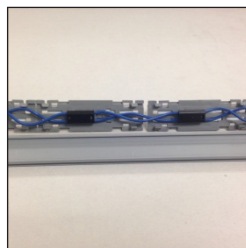


Figure 10

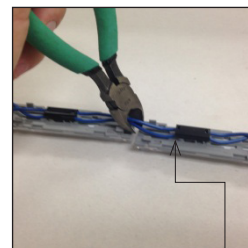


Figure 11

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**.

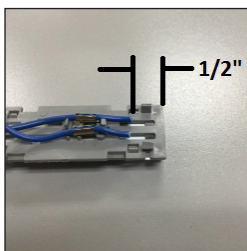


Figure 12

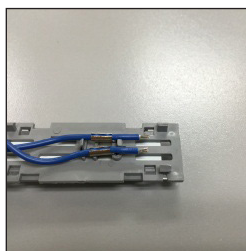


Figure 13

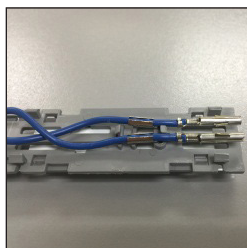


Figure 14

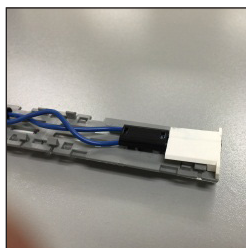


Figure 15

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**.

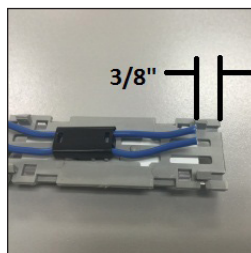


Figure 16

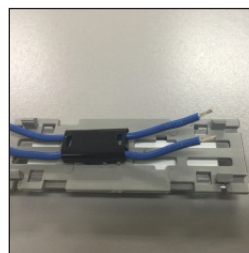


Figure 17

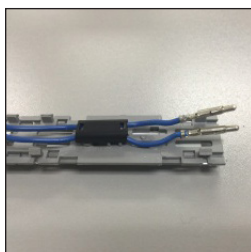


Figure 18

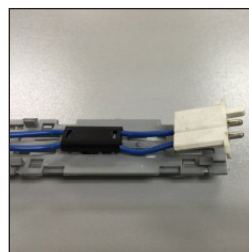


Figure 19

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**.

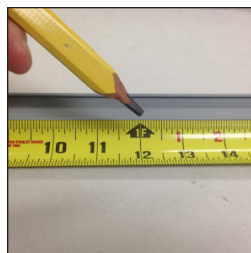


Figure 20



Figure 21

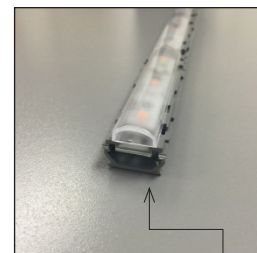


Figure 22

Dead end LED
module