

**CORESYNC FIXTURE MANUFACTURER KIT****APPLICATION INSTRUCTION (User Guide)****READ AND FOLLOW ALL SAFETY INSTRUCTIONS****IMPORTANT SAFEGUARDS**

When using electrical equipment, necessary safety precautions should always be followed, including the following:

**WARNINGS:**

- **DO NOT** DISASSEMBLE THE END OF LINE TEST KIT
- **DO NOT** connect the CoreSync Harness when push button is down and energized
- **DO NOT** handle energized unit with wet hands or when standing on wet or damp surfaces.
- **Risk** of electric shock.
- **DO NOT** use in elevated temperature environment – more than 55°C
- **DO NOT** use Outdoors
- Only to be used with CoreSync System

**CAUTION:** Observe precautions for handling electrostatic sensitive units

**WARRANTY:** Voided if the unit has been MODIFIED/DISASSEMBLED from the original configuration

**SAVE THESE INSTRUCTIONS**

## 1.0 Scope

This document provides information on the installation instruction of the CoreSync End of Line Kit

## 2.0 Required Hardware

- A. CoreSync Harness (180777-04XX)
- B. C14 Power Cord
- C. CoreSync LED driver and light load
- D. Optional Type R occupancy sensor



## GETTING TO KNOW THE END OF LINE TESTER KIT



The End of Line Tester Kit has **6** main components to get familiarized with.

### Components:

- 1.** Micro-Fit CoreSync Input where the LED Driver connects to.
- 2.** Micro-Fit CoreSync Output where an LED Driver daisy chain **output** connects to.
- 3.** CoreSync RGB Beacon to validate daisy chain connection and test completion.
- 4.** Start button that must be pressed down during entire test sequence.
- 5.** Indicator LED to show when test is being conducted.
- 6.** C14 power connection to provide power to kit and LED fixtures.

### **3.0 Procedure**

4.0 After you have powered the kit, **connect** your first driver input port to the **4-Pin input** using a Coresync cable (prt. 18077-xxxx). **TIP:** Be sure to keep the **clip** part of the cable at the **top** of the **input** on the driver (as shown below).



Standard Cable

5.0 Connect the daisy chain **output** of the LED driver to the **4-pin output** of the kit using the CoreSync Cable.



6.0 Make sure the LED fixture is connected to the channel outputs of the Led Driver.

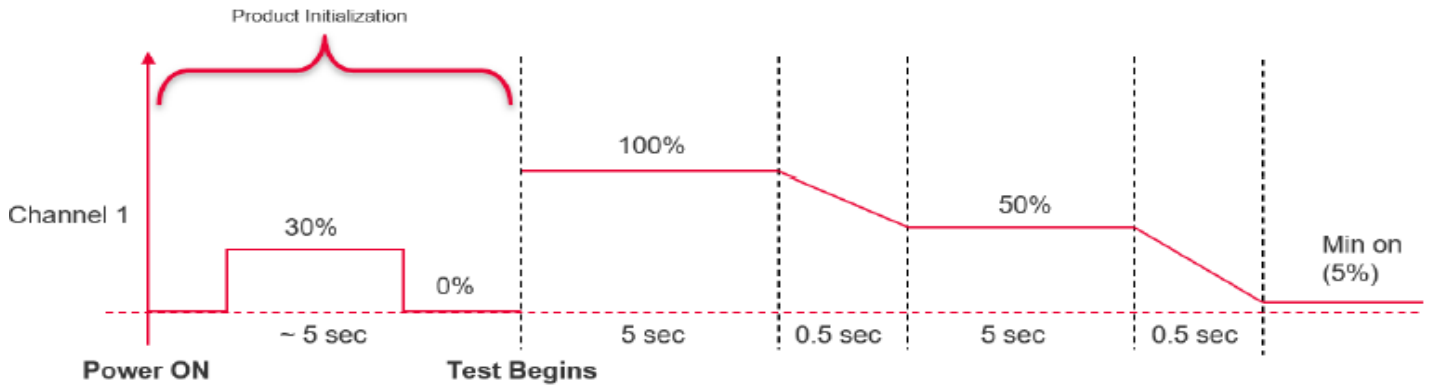


7.0 Once everything is connected you are ready to begin the test. Push and hold the **Start Button** for approximately 30 seconds. The red LED will illuminate to show that the test is underway, and power is being supplied to the kit.

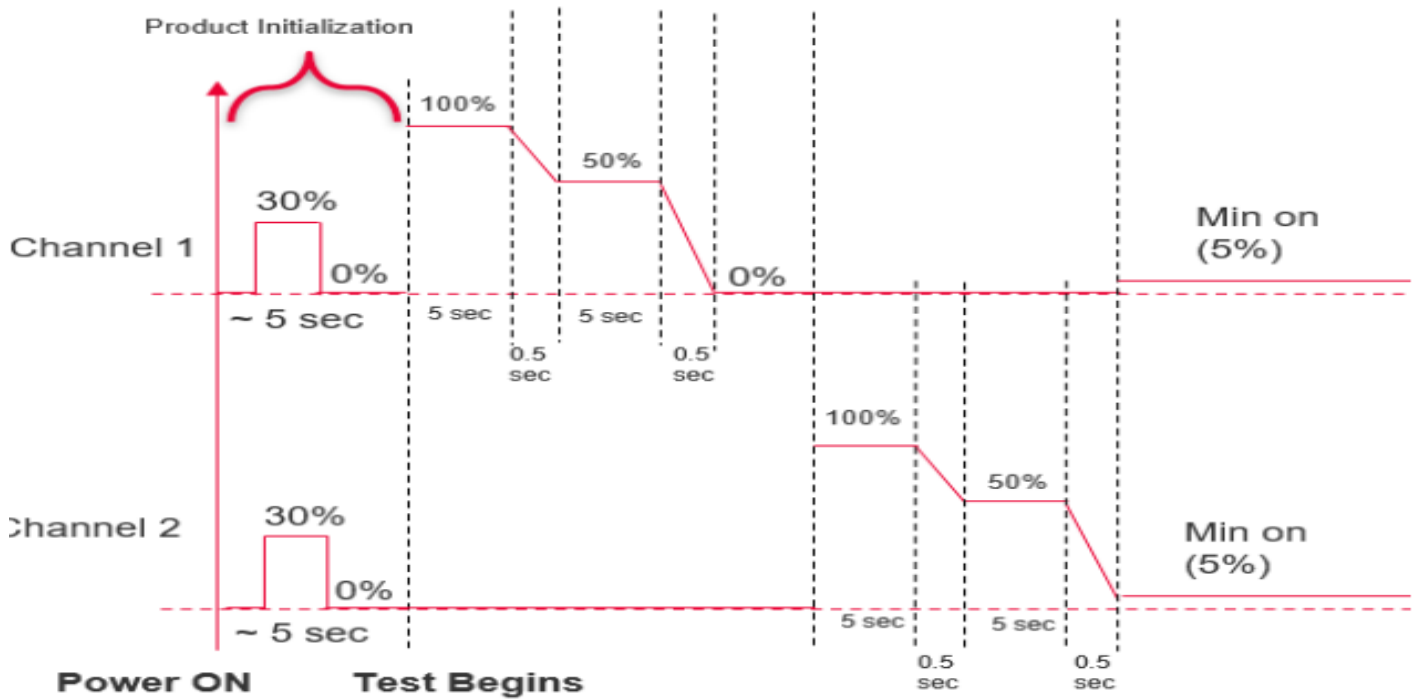
The light fixtures will undergo a different test sequence depending on what type of driver is being used and if a PIR sensor is also being validated. Below you can see the corresponding timing diagram for your driver type. If using a dual channel, the beacon will follow the same brightness sequence as the LED fixture. **Please ignore** this as the beacon only indicates the conclusion of the test.



### Single Channel LED Driver (prt. 180996-1xxx)



### Dual Channel LED Driver (prt. 180996-2xxx)





8.0 If an integrated PIR sensor is being validated, then the led fixture will remain off for a **10 second window** where it waits for the PIR to be triggered. If no PIR sensor is being tested, then the test skips this window.



9.0 Once the test is complete, the RGB Beacon will light up green and the LED fixture will remain illuminated at 5%.



## TROUBLESHOOTING

Test does not turn off after button is released.

**Procedure:**

1. The button mechanics could get stuck on
2. Make sure the kit is flat on the surface of the table.
3. Flick the test button. (Slightly press and release the button)