

## U Tubes

## CPS-U-T8

### Installation Instruction

**Steps 1:**

Turn off the power at the source first

**Steps 2:**

Untwist the conventional fluorescent lamp and then remove.



Figure 2



Figure 3

**Steps 3:**

Cut the AC Positive Line and AC Neutral Line.

3.1 Bracket with inductive ballast

Open the diffuser of the bracket(if any). Removing the starter and ballast by cutting the wires according to picture A. And remove the ballast and starter from lamp fixture.

3.2 Bracket with electronic ballast Open the diffuser of the bracket(if any). Removing the electronic ballast by cutting the wires according to picture A. And remove the electronic ballast from lamp fixture.

**Steps 4:**

Connect the AC Positive Line and AC neutral Line to the input side of the external driver.

4.1 Connect the AC Neutral Positive Line direct to the white wire(ACN) from the driver by using connection caps provided. Then connect the AC Positive Line to the black wire(ACL) coming from the same driver by using connection caps provided.

**Steps 5:**

Connect LED fluorescent lamp to external driver according to picture A.

**Steps 6:**

Install the LED lamp to the retrofitted luminaries, close the diffuser.

**Steps 7:**

Mount the clip to the fixture. Drill three holes(3 mm diameter) to secured the clips

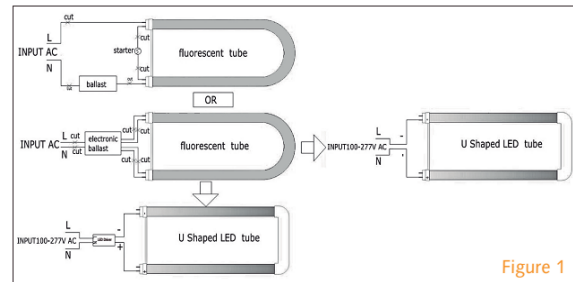


Figure 1

**Steps 8:**

Install the metal case for power supply protection

8.1 Put the power supply into the metal box and then fixed to the lamp box with screws near lamp.

8.2 Open two little holes (the diameter about 4 mm) near the lamp for fixing the protection box. The protection box should be made of steel with minimum 0.51mm thick to fully enclose the LED Driver and should not have any open holes.

8.3 After modification completes, then affix the Lamping Replacement Marking label and cautionary label to painted surface and bare aluminum, located this where visible during re-lamping on the retrofitted luminaire.

**THIS LUMINAIRE HAS BEEN MODIFIED TO OPERATE LED LAMPS. DO NOT ATTEMPT TO INSTALL OR OPERATE FLUORESCENT LAMPS IN THIS LUMINAIRE. THIS LABEL MUST APPLIED TO ANY FIXTURE RETROFITTED WITHOUT A BALLAST.**

**LED TUBE MODEL :CPS-U-T8-18W-UL-F-50, CPS-U-T8-18W-UL-F-40, CPS-U-T8-18W-UL-C-50, CPS-U-T8-18W-UL-C-40**

**UL LISTED : E363937**