360° Double-Sided LED Tube 
Installation Instructions

WARNING!
Rewiring of fluorescent fixtures for use with LED tubes should only be performed by individuals who have been properly trained and are qualified to perform basic electrical maintenance and repair. Please review these instructions thoroughly before installing this product.

VERY IMPORTANT!
All ELEDLIGHTS 360° Double-Sided LED Tubes are designed for “single-end power” only. This means that direct line voltage (100-277 VAC) “LINE” and “NEUTRAL” wires are connected to the “LIVE END” of the tube through only one of the sockets that hold the tube in the fixture. The socket on the opposite, or “DEAD END” of the tube is not energized and only serves to hold the tube in place in the fixture. ELEDLIGHTS 360° Double-Sided LED Tubes are designed for use in fluorescent tube light boxes in which the ballast has been either bypassed or removed and that have been rewired for single-end power only. Installation of 360° LED Tubes into fixtures that have not been properly rewired for single-end power will cause irreparable damage and void the product warranty.

Step 1: Before opening the light box, make sure power has been turned off at the main circuit breaker.

Step 2: Open the light box and remove the fluorescent tubes from the tube holders.

Step 3: Identify the location at which the main power cable (normally 2-wire + ground) enters the light box and follow those wires to the location of the fluorescent tube ballast(s). Some light boxes may contain more than one ballast.

Step 4: Cut or disconnect all wires running to or from the ballast(s) as close to the ballast body as possible. The ballast(s) can either be removed and discarded or left in place.

Step 5: Inside most all light boxes, there are two strips of tube sockets which are mounted on opposite sides of the light box; either left/right or top/bottom depending on the orientation of the tubes in the light box. Identify one strip of sockets (ideally the set located closest to the main power) to be used for wiring the “LIVE END” of the tubes. The sockets on the opposite side of the box will hold the “DEAD END” (unenergized end) of the tube. All wiring to or from the “DEAD END” sockets can be cut out and removed.

Step 6: Each of the “LIVE END” sockets will have two terminal connections. Connect the “LINE” voltage wire to one of the terminals on each of the “LIVE END” sockets. Connect the “NEUTRAL” wire to the other terminal on each of the “LIVE END” sockets. The diagram below shows the proper wiring arrangement for a 3-tube light box.

Step 7: Make sure all wire connections are wire nutted and wrapped with electrical tape. Also, make sure the light box housing is properly grounded.

Step 8: Install the 360° LED Tubes into the light box, making sure that the ends of the tubes marked “INPUT” or “LINE VOLTAGE” are inserted in the “LIVE END” sockets.

Step 9: Reconnect power to the light box and switch the light box on.