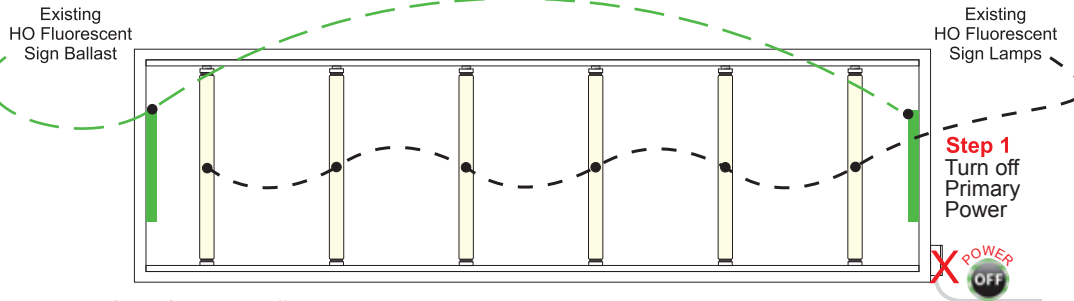
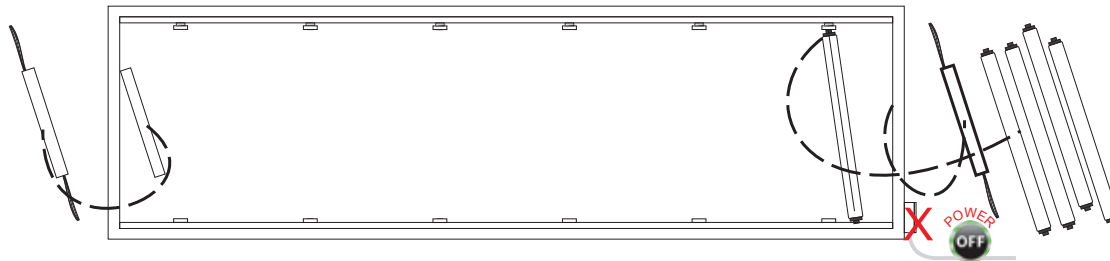


Thank you for purchasing the Allanson LEDrofit LED Replacement lamp. The retrofit process is straight forward and should be done following local electrical codes and standards.

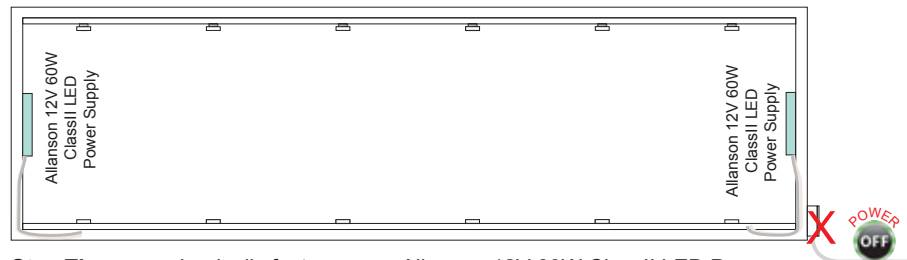


**Step One:** turn off primary power (main power to the sign's branch circuit).

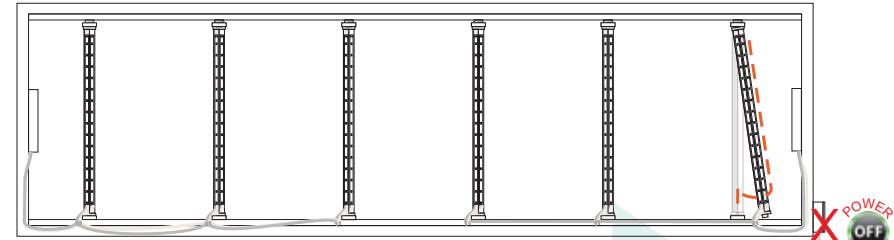


**Step Two:** remove all of the HO Lamps and Ballasts and dispose of them in accordance to local regulations. In this step, cut all ballast leads and remove them from the sockets, or tuck the leads under the raceways.

**IMPORTANT:** There Should be NO Power ever to the sockets for any reason!

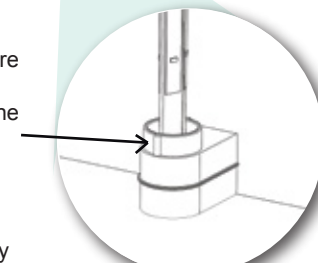


**Step Three:** mechanically fasten a new Allanson 12V 60W Class II LED Power Supply and with the primary power still off, connect the primary wire(s) to the existing primary circuit.

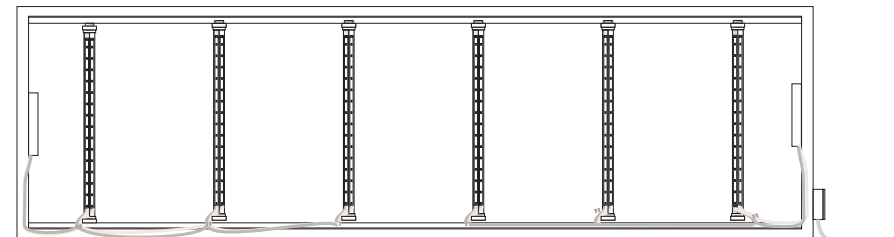


**Step Four:** install each of the LEDrofit lamps into the sockets by inserting one end in the "spring socket" then compressing the spring enough to swing the opposite end over and into the fixed socket.

**Note:** make sure that the LEDrofit lamps are positioned correctly so that the directional peak on the end caps are facing towards the face of the sign or cabinet box.



**Step Five:** wire according to the **MAX Load** of the specified Allanson 12V 60W Class II LED Power Supply indicated on the specifications guide literature. Refer to the wiring diagram on page 2 of this document for recommended wiring instructions.

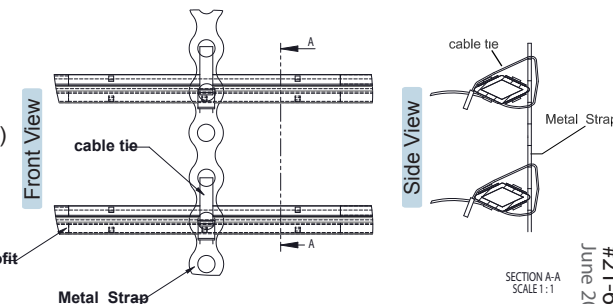


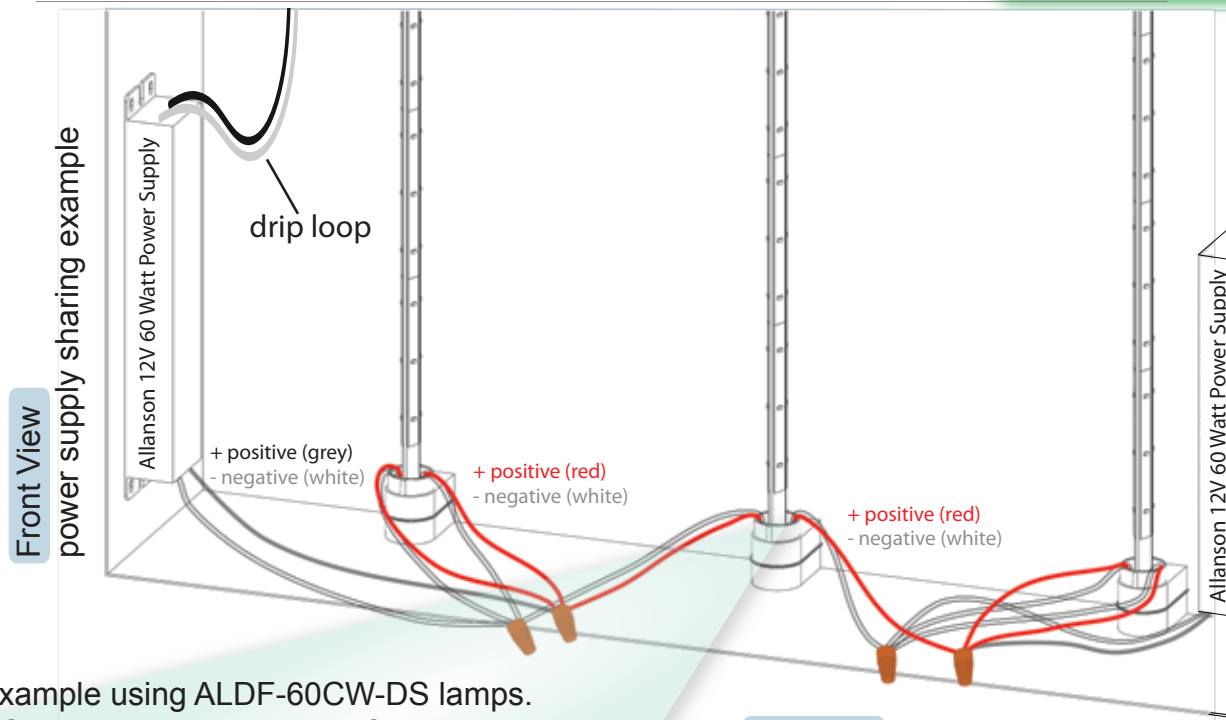
**Step Six:** when installation is complete, turn the primary power on and check to make sure that all LEDrofit lamps are working. If not all LEDrofit lamps turn on, turn off the primary power and retrace your steps to make sure everything is in order.

**Horizontal Applications:**

*Recommended -*

Secure LEDrofit lamps with standard metal strap and cable ties (not supplied) to prevent bowing of lamps 8' or longer in horizontal orientation signs.



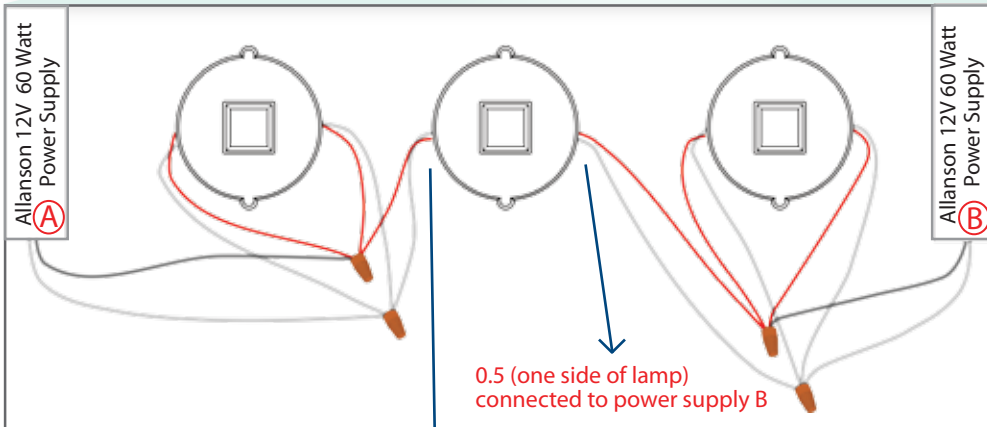


**Top View**

(Power Supply Sharing - Example using ALDF-60CW-DS lamps.)  
Any Allanson 12V 60 Watt CV125-120 series Power Supply will power 1.5 60" LEDrofit lamps (the .5 represents one side of a double sided lamp).

**Top View**

(Regular Wiring - Example using ALDF-36CW-DS lamps.)



0.5 (one side of lamp) connected to power supply A

