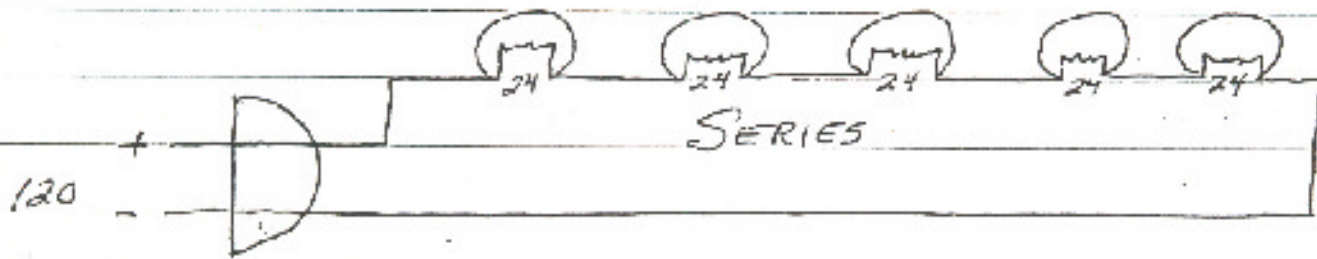
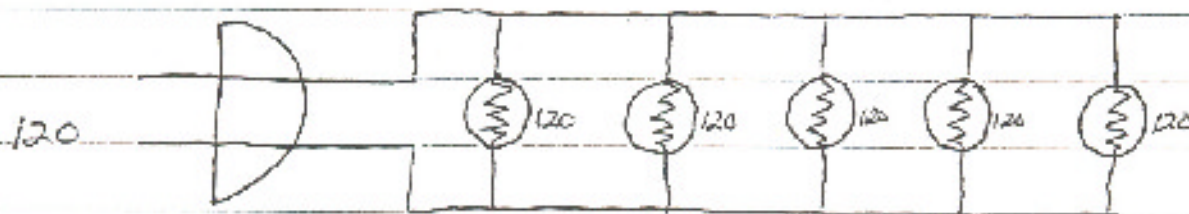


MULTI STAR WIRING

OLD WAY (FCS or FHY LAMP)



NEW WAY (LL-200 LAMP)



Do not attempt this project unless you have skills in mechanical repair and electrical wiring. Hazardous voltages exist inside the light fixture. Improper wiring could expose you or others to these voltages resulting in injury or death.

The original MultiStar used five, 24 volt lamps in a series to create a 120 volt load. When one lamp burns out it breaks the series so they all go out. Later, a new 120 volt lamp, the LL-200 was introduced. These lamps are wired in parallel so it doesn't matter if one burns out.

The old way uses six wire nuts. One incoming power feed goes to one side of one lamp. The remaining lamps are then daisy chained from one to another until the last lamp connects to the other side of the power feed. The new way takes one side of the power feed to one side of all lamps and the other power feed to the other side of all lamps. It can be done with just two wire nuts. I typically wire the four lamps on the outside together with a 4" (X2) piece of wire. Then I wire the 4" piece of wire to the center lamp and the power feed. That way, if you have to take it apart again it is easier.