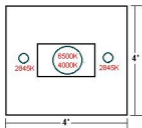
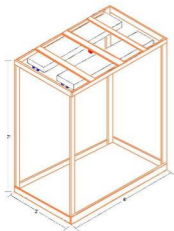


8' x 8' garden plot divided into quads. The phytochrome of the plants in each quad is manipulated by 100 watts of 2845K incandescent light for a total of 400 watts. Photosynthesis is fueled by 1000 watts of 6500K Mercury Vapor light or 1000 watts of 4000K Metal Halide light.



4' x 4' garden plot. The phytochrome of the plants is manipulated by 200 watts of 2845K incandescent light. Photosynthesis is fueled by 400 watts of 6500K Mercury Vapor light or 400 watts of 4000K Metal Halide light.



160 watts 6500K GE Daylight ULTRA fluorescent with 100 watt incandescent bulb will provide the needed effect to the two foot wide by six foot long by seven foot high light chamber by first lowering and then raising the lights as the plants grow in height.