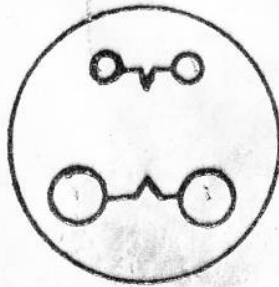
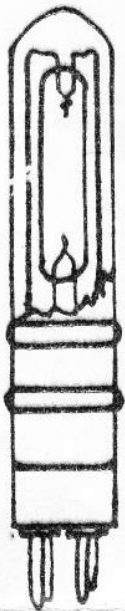
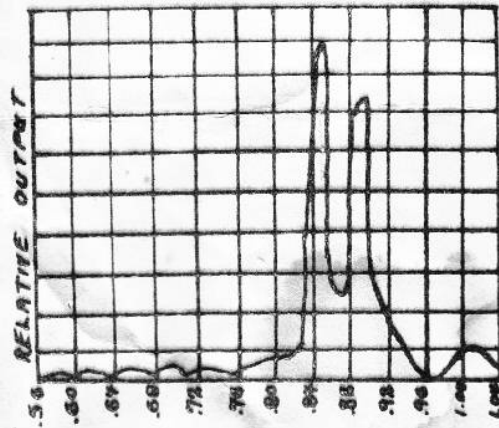


## CESIUM VAPOR LAMPS

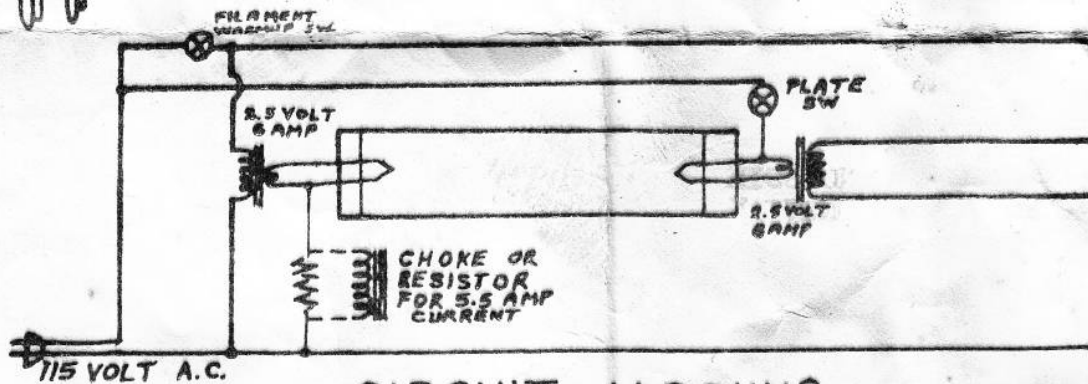
The cesium vapor lamp provides the best source of infra red energy at wavelengths just beyond the visible red. Most of this radiation is at 8521 and 8944 A. The efficiency is approximately 700% greater than the tungsten filament lamp. These lamps may be modulated with either voice or code up to 10 kilocycles and at levels up to 100% modulation. If desired a infrared filter may be used to cancel out completely the visible portion of the radiations.



BASE  
CONNECTIONS



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CIRCUIT HOOKUP

The above diagram shows a suggested hookup, many other arrangements are possible. The warmup filaments should be turned on for approximately one minute. The high voltage switch is then turned on and the filament switch turned off. While lamps may be operated in any position, starting is sometimes easier when lamp is vertical. Filaments are 2.5 volts at 6 amperes. Plate current is 5.5 amps at 18 volts. Lamps are rated at 100 watts.

THESE LAMPS WERE USED ON NAVY PROJECTS. ALL ARE IN BRAND NEW CONDITION. SUPPLY IS VERY LIMITED AND CANNOT BE REPLACED. PLEASE PLACE ORDERS EARLY TO AVOID DISAPPOINTMENT.

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