

Color Picture Tube

"PERMA-CHROME" ASSEMBLY FOR OPTIMUM FIELD
 PURITY AND UNIFORMITY DURING WARM-UP

90° MAGNETIC DEFLECTION

3 ELECTROSTATIC-FOCUS GUNS

ALUMINIZED TRICOLOR PHOSPHOR-DOT "Hi-Lite" SCREEN

(Utilizing a New, Improved Rare-Earth Red-Emitting Phosphor)

For Use in Color-TV Receivers

The 15KP22 is the same as the 15LP22 except for the following items:

OPTICAL

Faceplate. Filterglass
 Light transmission (Approx.) 74%
 Faceplate does not have an integral protective window^a

MECHANICAL

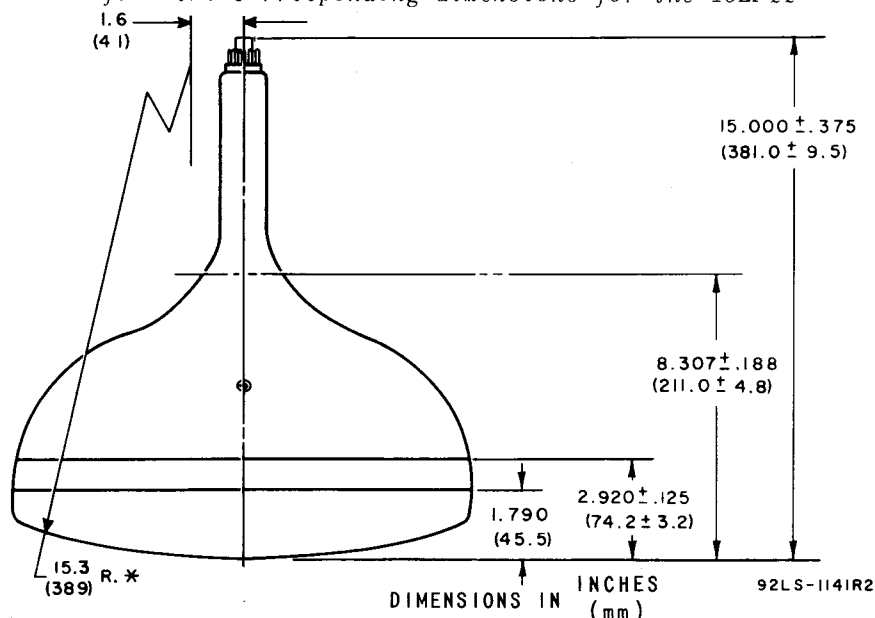
Tube Dimensions

Overall length $15.000 \pm .375$ in (381.8 ± 9.5 mm)
 Weight (Approx.) 10.5 lb (4.8 Kg)

It is recommended that the cabinet be provided with a shatter-proof, glass cover over the face of the 15KP22 to protect it from being struck accidentally and to protect against possible damage resulting from tube implosion under some abnormal condition. This safety cover can also provide X-ray protection when required.

DIMENSIONAL OUTLINE

Dimensions shown are only those which are different from the corresponding dimensions for the 15LP22



* The faceplate radius of curvature (in the area of the screen edge only) in all planes which contain the tube axis.



Typical Light-Output Characteristic

HEATER VOLTAGE = 6.3 VOLTS

ANODE-TO-CATHODE VOLTAGE = 20,000 VOLTS

GRID-No.4-TO-CATHODE VOLTAGE ADJUSTED FOR FOCUS.

DRIVE OF EACH GUN IS ADJUSTED TO GIVE COMPOSITE ANODE
CURRENT TO PRODUCE 9300° K + 27 M.P.C.D. WHITE-LIGHT OUTPUT.
PERCENTAGE OF TOTAL ANODE CURRENT SUPPLIED BY EACH GUN
TO PRODUCE 9300° K + 27 M.P.C.D. WHITE :

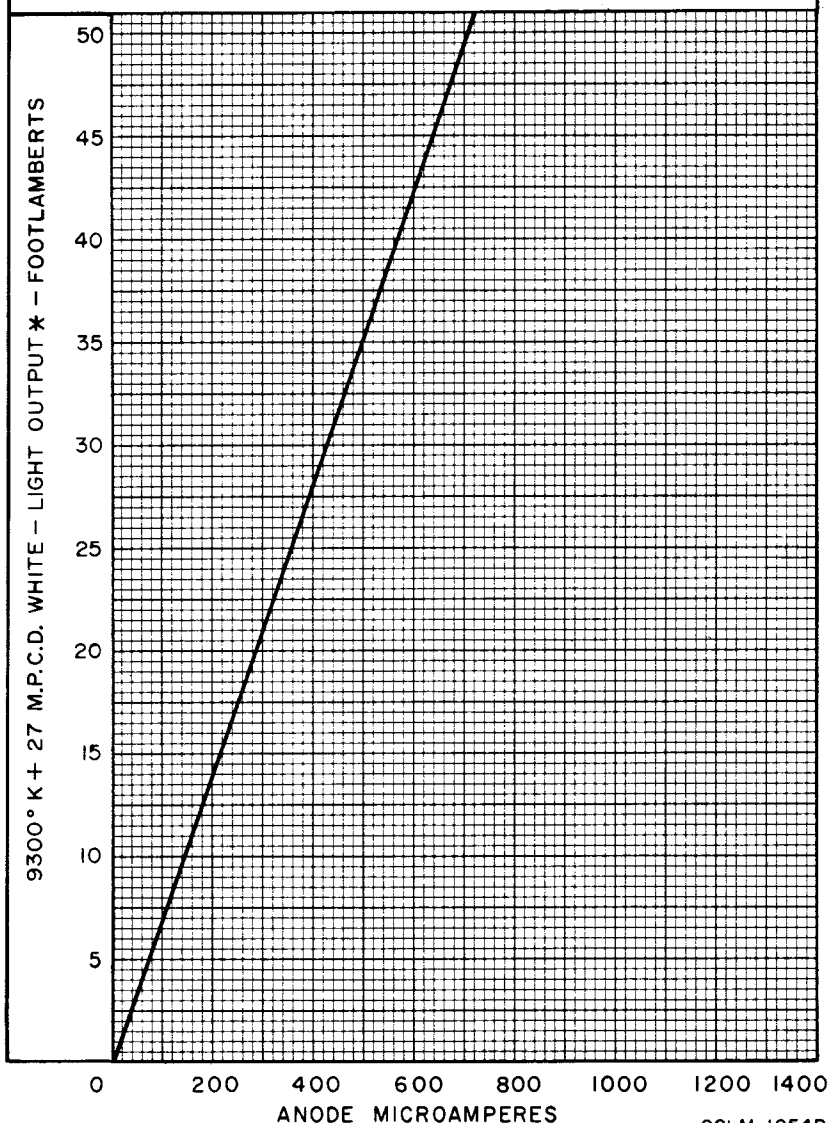
RED GUN : 34 %

BLUE GUN : 32 %

GREEN GUN : 34 %

RASTER SIZE: 11.689" X 9.139" (296.9 mm X 232.1 mm)

* MEASURED WITHIN 3" (76 mm)-DIAMETER AREA
CENTERED ON TUBE FACE.



92LM-1254RI.