19GVP22

Color Picture Tube

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

RECTANGULAR TUBE — 90° MAGNETIC DEFLECTION
MAGNETIC CONVERGENCE — 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 19GVP22 is the same as the 19GWP22 except for the following items:

OPTICAL

Faceplate . . . . . Filterglass
Light transmission (Approx.) 69%
Faceplate does not have an integral protective window[a]

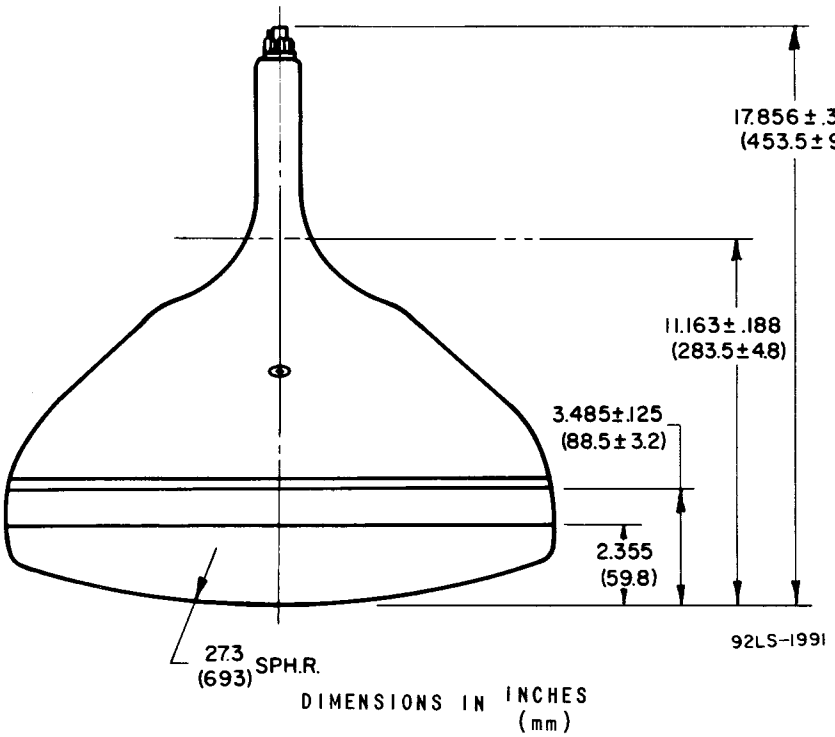
MECHANICAL

Tube Dimensions
Overall length . . . . . 17.856 ± .375 in (453.5 ± 9.5 mm)
Weight (Approx.) . . . . . 21 lb (9.5 kg)

[a] It is recommended that the cabinet be provided with a shatter-proof, glass cover over the face of the 19GVP22 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-radiation protection when required.

DIMENSIONAL OUTLINE

Dimensions shown are only those which are different from the corresponding dimensions for the 19GWP22



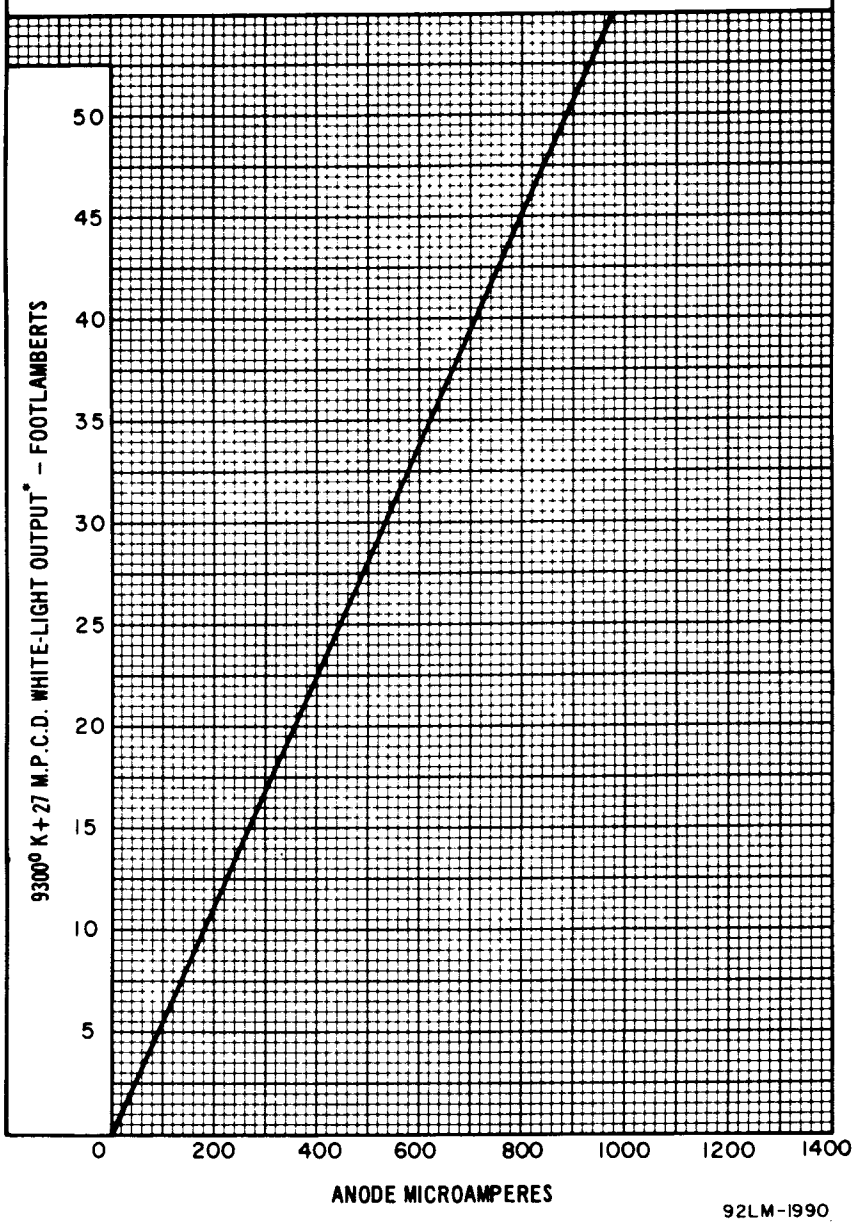
DIMENSIONS IN INCHES
(mm)

Typical Light-Output Characteristic

HEATER VOLTAGE = 6.3 VOLTS
ANODE-TO-CATHODE VOLTAGE = 25000 VOLTS
GRID-No.3-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: 15.585 x 12.185" (395.9 mm X 309.5 mm)
*MEASURED WITHIN 4"-DIAMETER AREA CENTERED ON TUBE FACE



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