

Color Picture Tube

New Rare-Earth (Red) Phosphor

70° Round

HI-LITE Screen

Unity Current Ratios

70° Magnetic Deflection

The 21GUP22 is the same as the 21GVP22 except for the following:

Faceplate	Filterglass
Light transmission (Approx.)	72%
Faceplate does not have an integral protective window ^a	

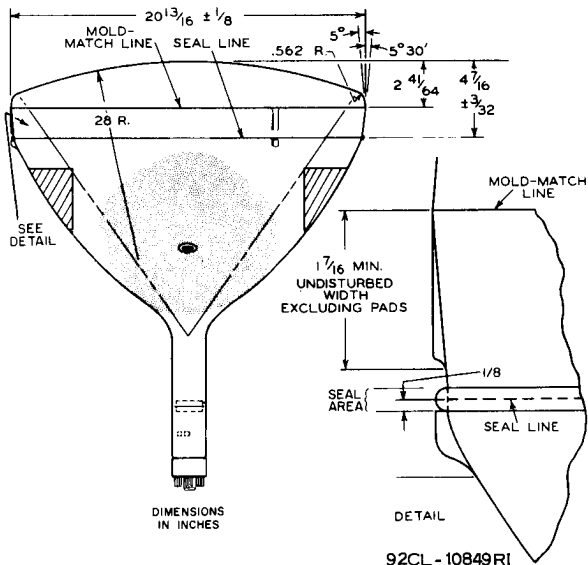
TUBE DIMENSIONS

Overall length	25-1/32 ± 3/8 in
Diameter	20-13/16 ± 1/8 in
Weight (Approx.)	36.5 lb

^a It is recommended that the cabinet be provided with a shatter-proof glass cover over the face of the 21GUP22 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

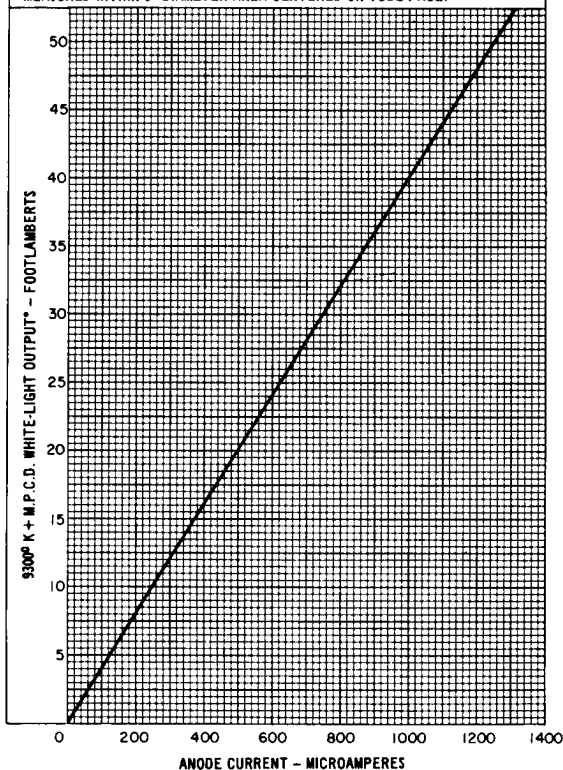
Dimensions shown are only those which are different from the corresponding dimensions for the 21GVP22



21GUP22

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 93000° K + 27 M.P.C.D. WHITE-LIGHT OUTPUT.
PERCENTAGE OF TOTAL ANODE CURRENT SUPPLIED BY EACH GUN TO
PRODUCE 9300° K + M.P.C.D. WHITE:
RED GUN: 34%
BLUE GUN: 32%
GREEN GUN: 34%
RASTER SIZE: 19 1/4" X 16"
*MEASURED WITHIN 5"-DIAMETER AREA CENTERED ON TUBE FACE.



92LM-2286