

## RADIO MANUFACTURERS ASSOCIATION ENGINEERING DEPARTMENT

Release No. 398

TYPE 1P35\*

February 20, 1945

(Gas filled Phototube; 2 Electrodes)

sponsored by The Rauland Corp.

## General Characteristics

## Electrical

Cathode Photo-Surface Sl

Luminous Sensitivity at 90 volts,

O cycles 125 ua/Lumen

Max. gas amplification 10

Interelectrode Capacitances 1.5 - 4 uuf

Maximum dark current at 90 volts 0.1 ua Wave length of maximum response 8500 A

Sensitivity at maximum response 0.012 ua/uwatt

#### Mechanical

Window Dimensions  $1.1" \times 0.5"$ 

Seated Height to Center of

Useful Cathode Area 1.69 in. Maximum Overall Height 2.90 in. Maximum Seated Height 2.47 in. Maximum Diameter 0.72 in. Base Peewee 3-pin

Any Permissible Mounting Position 2F

Base Connections

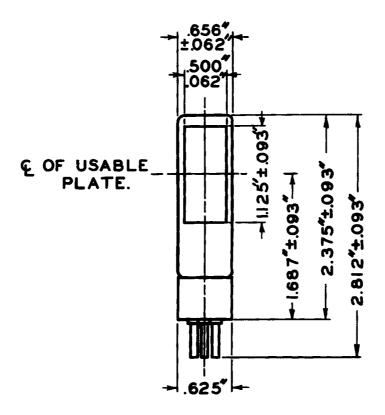
## Maximum Ratings (absolute)

Anode Voltage (DC or Peak AC) 90 volts

Cathode Current Density for 0.2 sq. in.

sensitive cathode area 10 ua/in Average Cathode Current 2 ua Ambient Temperature 100°C.

# RMA TYPE IP35



DIRECTION OF LIGHT.

