



**RADIO MANUFACTURERS ASSOCIATION  
ENGINEERING DEPARTMENT**

TYPE 1P33\*

Release No. 397

February 10, 1945

(Gas Filled Phototube;  
2 Electrodes)

sponsored by  
Continental Electric Co.

GENERAL CHARACTERISTICS

Electrical

Spectral Response	S1
Luminous Sensitivity at 95 volts, 0 cycles	Nom. 75 ua/Lumen (Min. 55 ua/Lumen)
Max. Gas amplification	10
Interelectrode Capacitances	1.5 - 6.5 uuf
Maximum dark current at 95 volts	0.1 ua
Wavelength of maximum response	Approx. 8000 A
Sensitivity at maximum response	0.007 ua/uwatt

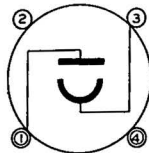
Mechanical

Window Dimensions (Min. Useful)	1.47 x 0.97
Seated Height to Center of Useful Cathode Area	2.9" Approx.
Maximum Overall Height	5.125"
Maximum Seated Height	4.500"
Maximum Diameter	2.375"
Base	Med. 4-Pin
Permissible Mounting Position	Any
Base Connections	2X

Maximum Ratings (absolute)

Anode Voltage (DC or Peak AC)	95 volts
Cathode Current Density	100 ua/sq.in.
Average Cathode Current based on 0.2 sq. in. of sensitive cathode area	20 ua
Ambient Temperature	100°C

2X



\*(CE-26D; WE-6A)



# RMA TYPE IP 33

