



**RADIO MANUFACTURERS ASSOCIATION
ENGINEERING DEPARTMENT**

TYPE 1P30*

(Gas Filled Phototube)
(2 Electrodes)

Release No. 397

February 10, 1945

sponsored by
Continental Electric Co.

GENERAL CHARACTERISTICS

Electrical

Spectral Response	S1
Luminous Sensitivity at 90 volts, 0 cycles	Nom. 125 ua/Lumen (Min. 95 ua/Lumen)
Max. gas amplification	10.0
Interelectrode Capacitances	2.0 - 6.0 uuf
Maximum dark current at 90 volts	0.1 ua
Wavelength of maximum response	Approx. 8000 A
Sensitivity at maximum response	0.01 ua/uwatt

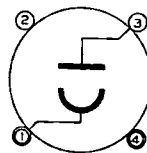
Mechanical

Window dimensions (Min. useful)	1.00" x 0.969"
Seated Height to Center of Useful Cathode Area	1.938 in.
Maximum Overall Height	3.625 in.
Maximum Seated Height	3.000 in.
Maximum Diameter	1.563 in.
Base	Med. 4-pin
Permissible Mounting Position	Any
Base connections	2G

Maximum Ratings (Absolute)

Anode Voltage (DC or Peak AC)	90 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

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*(CE-2C; 71A)



RMA TYPE IP 30

