



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	S1
Luminous Sensitivity at 90 volts, 0 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" x 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
Permissible Mounting Position	Any
Base Connections	2F

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.

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RMA TYPE IP35

