

Release No. 370

March 1, 1944

sponsored by
General Electric Co.

RMA
TYPES 1P26 AND 1P27

Gas filled, two electrode phototubes with high sensitivity
in the red and infra-red.

GENERAL CHARACTERISTICS

Electrical

	1P27	1P26	
Spectral Response	S-1	S-1	
Luminous Sensitivity at 90 V, 0 cycles	150	890	Microamp per Lumen
Maximum Gas Amplification	10.5	8.0	
Interelectrode Capacitances	3.0	3.0	uuf
Maximum Dark Current at 90 Volts	0.1	0.1	Microamp
Wavelength of Maximum Response	8000	7500	A
Sensitivity at Maximum Response	.0145	.0105	Microamp per Microwatt

Mechanical

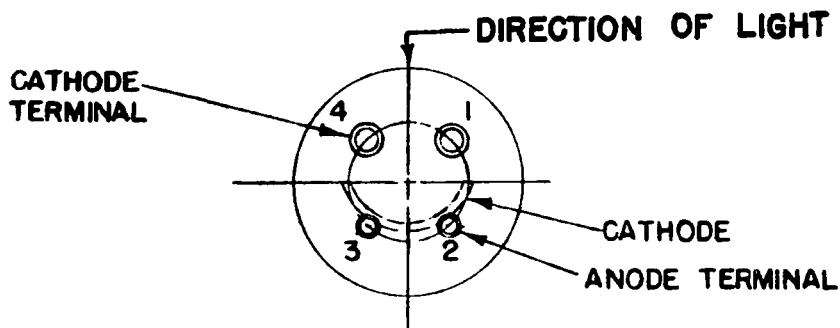
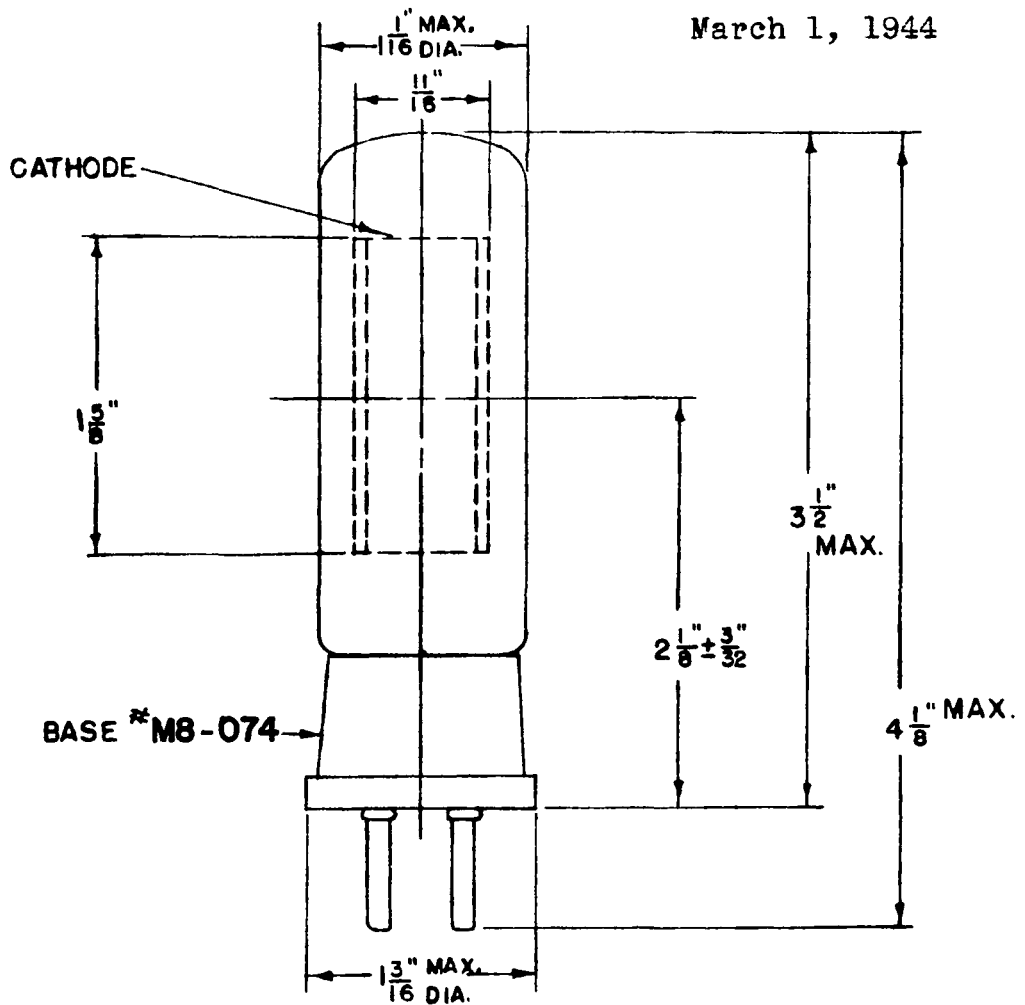
Window Dimensions	11/16 Inches x 1-5/8 Inches
Seated Height to Center of Useful Cathode Area	2-1/8 $\pm$ 3/32 Inches
Maximum Overall Height	4-1/8 Inches
Maximum Seated Height	3-1/2 Inches
Maximum Diameter	1-3/16 Inches
Base	M8-074
Mounting Position	Any
Net Weight, Approximately	1/2 Ounce

MAXIMUM RATINGS

Anode Voltage, D-c of Peak A-c	100	Volts
Cathode Current Density	102	Microamps per Sq. In.
Ambient Temperature	100°	C

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BOTTOM VIEW OF BASE

OUTLINE
PHOTOTUBE
IP26/PJ-23 & IP27