

July 7, 1943

sponsor: General Electric Co.

TECHNICAL INFORMATION

1P23

Gas-Filled Phototube
Number of Electrodes - 2

GENERAL CHARACTERISTICS

Electrical

Cathode Photo-Surface

Luminous Sensitivity at
90 Volts, 0 Cycles

Relative Luminous Sensitivity
at 90 Volts, 10,000 Cycles

Interelectrode Capacitance

Leakage Resistance, Minimum

Wavelength of Maximum Response

Sensitivity at Maximum Response

S-1

50 Microamperes Per
Lumen

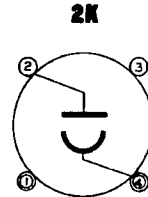
70 Per Cent

2.5 uuf

900 Megohms

7500 Å

60 Microamperes Per
Microwatt

Mechanical

Window Dimensions

1 9/16 Inches X 11/16 Inches

Seated Height to Center of
Useful Cathode Area

2 3/16 Inches

Maximum Overall Height

4 1/8 Inches

Maximum Seated Height

3 9/16 Inches

Maximum Diameter

1.165 Inches

Base

MB-074

Basing

2K

Mounting Position

Any

Net Weight Approximately

1 Ounce

MAXIMUM RATINGS

Anode Voltage (D-C or Peak A-C)

100 Volts

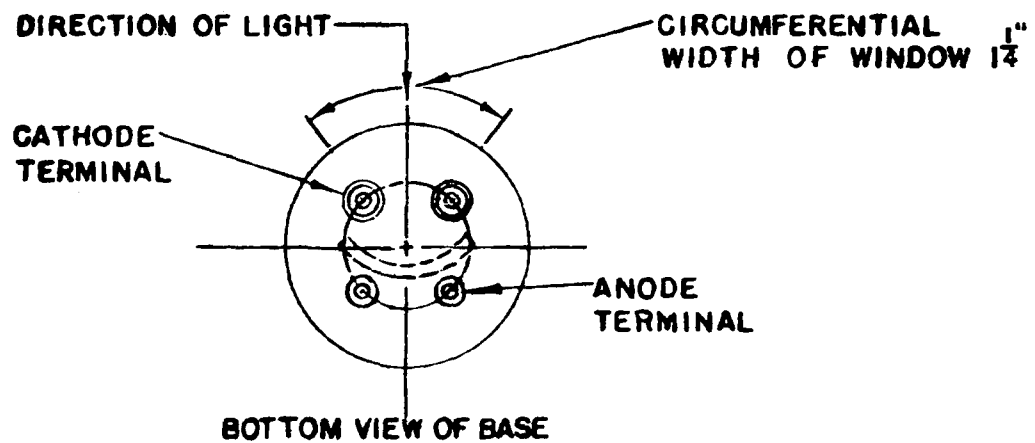
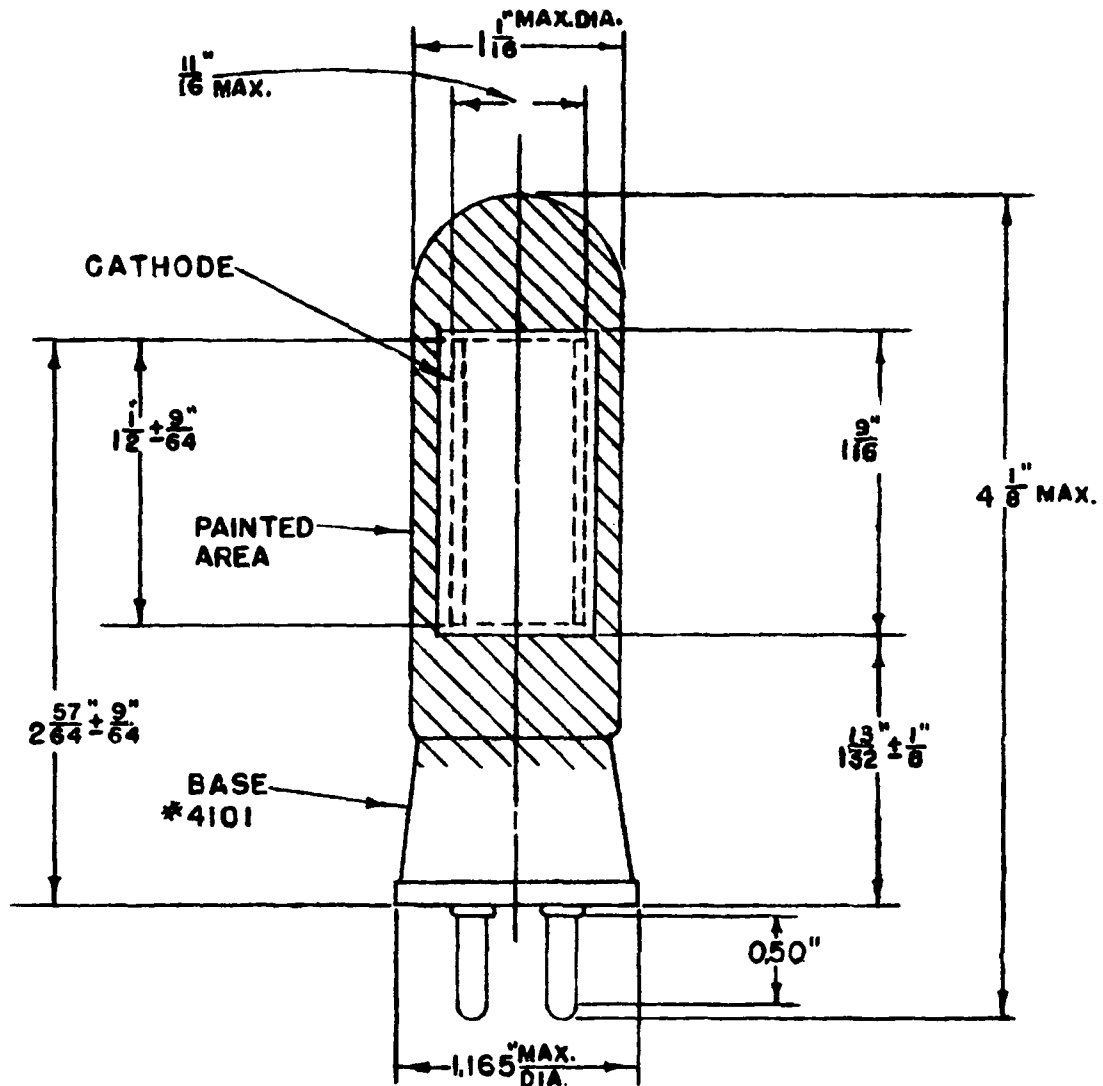
Anode Current Density

102 Microamperes Per
Sq In.

Ambient Temperature

100 C

July 6, '43



OUTLINE
IP23 PHOTOTUBE