PHOTOTUBE

DESCRIPTION

The GL-929 is a high-vacuum, two-electrode phototube which has extraordinarily high sensitivity to light sources predominating in blue radiation. Because of its excellent stability, and high sensitivity, the GL-929 is particularly suited for measurement and relay applications.

TECHNICAL INFORMATION

These data are for reference only. For design information refer to specifications.

GENERAL CHARACTERISTICS

Number of electrodes	2	

Electrical

Spectral response	S-4	
Luminous sensitivity at 250 volts, 0 cycles	45	microamperes per lumen
Interelectrode capacitance	2.6	micromicrofarads
Maximum dark current at 250 volts	0.0125	microampere
Wavelength of maximum response	4000	angstroms
Sensitivity at maximum response	0.040	microampere per microwatt

Electronic TUBE

GENERAL ELECTRIC

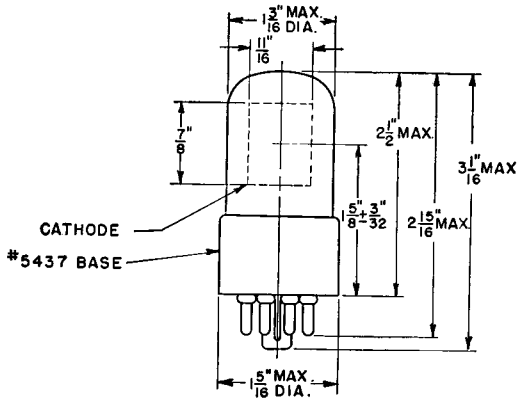
TECHNICAL INFORMATION (CONT'D)

Mechanical

Window dimensions	$\frac{11}{16}$ x $\frac{7}{8}$	inches
Seated height to center of useful area	$1\frac{5}{8}$ $\pm\frac{3}{32}$	inches
Maximum over-all height	$3\frac{1}{16}$	inches
Maximum seated height	$2\frac{1}{2}$	inches
Maximum diameter	$1\frac{5}{16}$	inches
Base	M8-046	
Mounting position	Any	
Net weight, approx	$\frac{3}{4}$	ounce
Shipping weight, approx	3	pounds

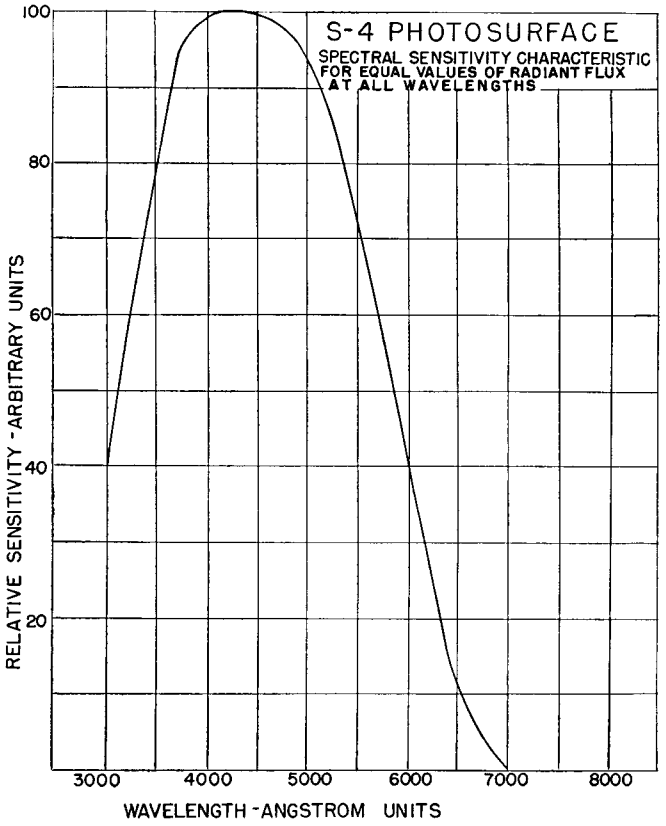
MAXIMUM RATINGS

Anode voltage, d-c or peak a-c	250	volts
Cathode current density	102	microamperes per square inch
Ambient temperature	50	centigrade



PIN	CONNECTION
1	NO CONNECTION
2	NO CONNECTION
4	ANODE
7	NO CONNECTION
8	CATHODE

OUTLINE
GL-929 PHOTOTUBE
K-8070703 6-30-44



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