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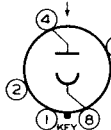
HIGH-VACUUM PHOTOTUBE

BLUE SENSITIVE

DATA**General:**

Spectral Response	S-4
Wavelength of Maximum Response	4200 Angstroms
Cathode:	
Shape	Semi-Cylindrical
Minimum Projected Length*	13/16"
Minimum Projected Width*	5/8"
Center Length (from bottom edge of base)	1-31/32" ± 3/32"
Direct Interelectrode Capacitance	2.6 μmf
Mounting Position	Any
Maximum Overall Length	3-1/16"
Maximum Seated Length	2-1/2"
Maximum Diameter	1-5/16"
Bulb	T-9
Base	Intermediate Shell Octal 5-Pin

BOTTOM VIEW
DIRECTION OF LIGHT



Pin 1 - No Connection
Pin 2 - No Connection
Pin 4 - Anode

Pin 6 - No Connection
Pin 8 - Cathode

Maximum Ratings, Absolute Values:

ANODE-SUPPLY VOLTAGE (DC or Peak AC)	250 max.	volts
CATHODE CURRENT DENSITY	100 max.	μamp./sq.in.
AVERAGE CATHODE CURRENT ^o	20 max.	μamp.
AMBIENT TEMPERATURE	75 max.	°C

Characteristics:

Max. Dark Current at 250 volts	0.0125	μamp.
Sensitivity:		
At 4200 Angstroms	0.037	μamp./μwatt
Luminous	45	μamp./lumen

Minimum Circuit Value:

DC Load Resistance for 250-volt anode-supply voltage	1	megohm
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* On plane perpendicular to indicated direction of incident light.

^o On the basis of the use of a sensitive cathode area 1/2" in diameter.

Spectral Sensitivity Characteristic of Phototube having
S-4 Response is shown at beginning of this section.

← indicates a change.

AUG. 15, 1946

TUBE DEPARTMENT

DATA

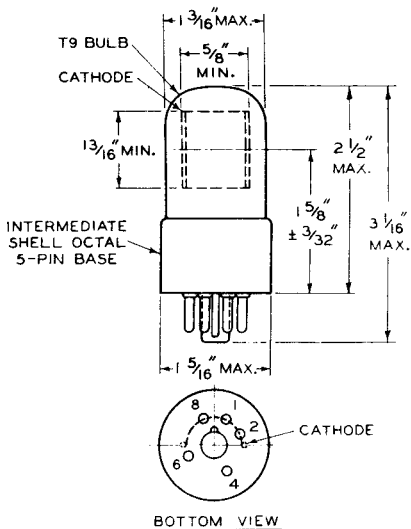
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

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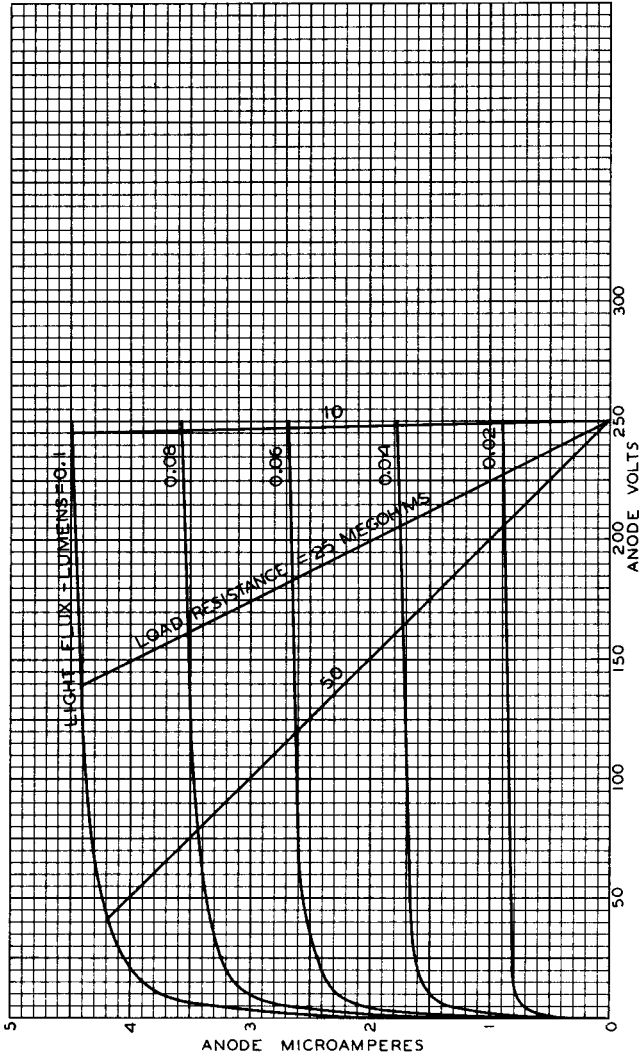
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AVERAGE ANODE CHARACTERISTICS



APRIL 11, 1940

RCA VICTOR DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

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