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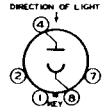
HIGH-VACUUM PHOTOTUBE

SHORT TYPE

Cathode	Semi-cylindrical
Photosurface	S1
Window Area	0.4 sq. in.
Direct Interelectrode Capacitance	1.0 μμf
Maximum Overall Length	2-5/8"
Maximum Seated Height	2-1/16"
Maximum Diameter	1-5/16"
Bulb (lime glass)	T-9
Base	Intermed. Sh. Octal 5-Pin
Pin 1-No Connection	Pin 7-No Connection
Pin 2-No Connection	Pin 8-Cathode (-)
Pin 4-Anode (+)	
Mounting Position	Any



BOTTOM VIEW

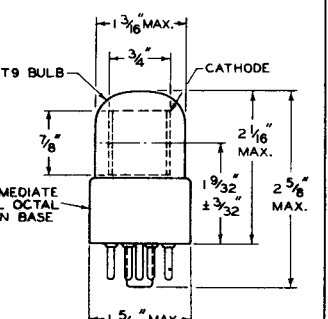
Maximum Ratings Are Absolute Values

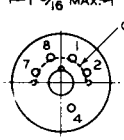
MAXIMUM RATINGS and CHARACTERISTICS

Anode-Supply Voltage (D.C. or Peak A.C.)	250 max.	volts
Anode Current●	20 max.	μamp.
Ambient Temperature	100 max.	°C
Luminous Sensitivity*	15	μamp./lumen
Sensitivity at 7500 Angstroms	0.0020	μamp./μwatt
D-C Resistance of Load:		
With anode-supply voltage of 250 volts	1 min.	megohm

● On the basis of the use of a sensitive cathode area 1/2" in diameter.
* Subject to variations as explained on sheet PHOTOTUBE SENSITIVITY MEASUREMENTS in the front of this section.

Spectral Sensitivity Characteristic of S1 Photosurface in lime-glass bulb is shown at the beginning of this section.





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BOTTOM VIEW

→ Indicates a change.

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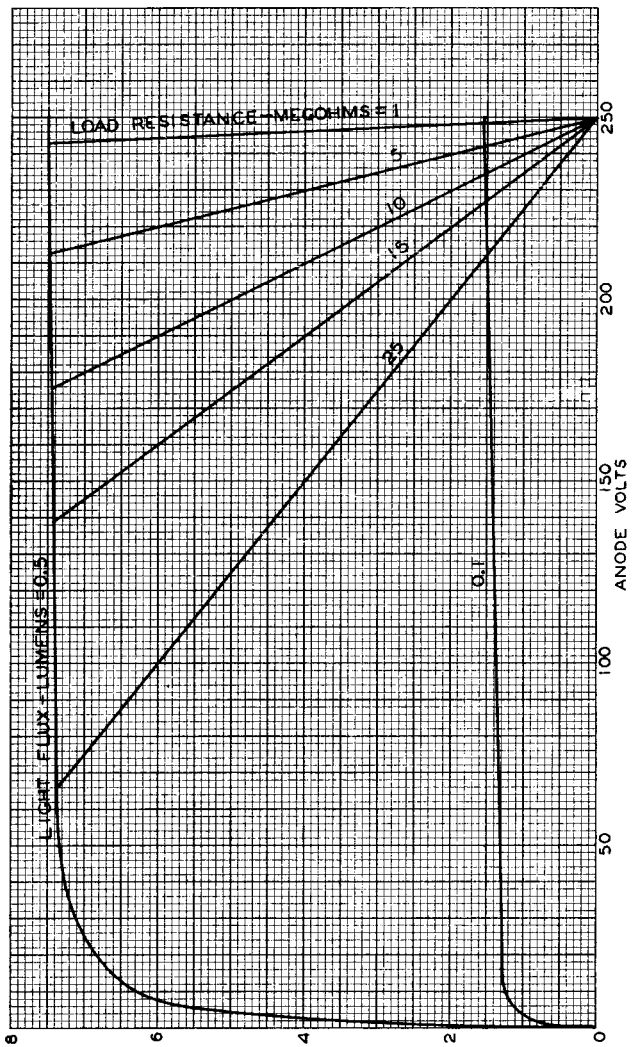
AVERAGE ANODE CHARACTERISTICS



DEC. 1, 1943

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

92CM-6208