



926

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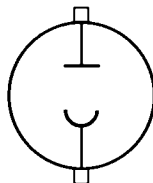
VACUUM PHOTOTUBE

CARTRIDGE TYPE WITH S-3 RESPONSE

*For colorimetric applications***DATA****General:**

Spectral Response.	S-3
Wavelength of Maximum Response	4200 $\pm$ 1000 angstroms
Cathode:	
Shape.	Semicylindrical
Minimum projected length*.	7/8"
Minimum projected width*.	1/2"
Direct Interelectrode Capacitance.	1 μ f
Overall Length	1-21/32" $\pm$ 1/16"
Seated Length.	1-13/32" $\pm$ 1/32"
Length from Center of Useful Cathode Area to Plane A-A' (See Dimensional Outline). . . .	11/16" $\pm$ 1/16"
Maximum Diameter	0.890"
Weight (Approx.)	0.4 oz
Mounting Position.	Any
Terminals:	
Recessed cap	JETEC No. J1-23
Protruding cap	JETEC No. J1-24
Basing Designation	.2A9

Recessed } Anode
Cap }



Protruding } Cathode
Cap }

DIRECTION OF LIGHT:
INTO CONCAVE SIDE
OF CATHODE

Maximum Ratings, Absolute Values:

ANODE-SUPPLY VOLTAGE (DC or Peak AC) . .	500 max.	volts
AVERAGE CATHODE-CURRENT DENSITY ^o	30 max.	μ amp/sq. in.
AVERAGE CATHODE CURRENT ^o	5 max.	μ amp
AMBIENT TEMPERATURE.	100 max.	$^{\circ}$ C

Characteristics, At 250 Volts on Anode:

Min. Median Max.

Sensitivity:

Radiant, at				
4200 angstroms	-	0.0018	-	μ amp/ μ watt
Luminous [▲]	4	6.5	15	μ amp/lumen
Anode Dark Current				
at 25 $^{\circ}$ C.	-	-	0.005	μ amp

* On plane perpendicular to indicated direction of incident light.

^o Averaged over any interval of 30 seconds maximum.

[▲] For conditions where the light source is a tungsten-filament lamp operated at a color temperature of 2870 $^{\circ}$ K. A dc anode supply of 250 volts, a 1-megohm load resistor, and a light input of 0.1 lumen are used.

← Indicates a change.

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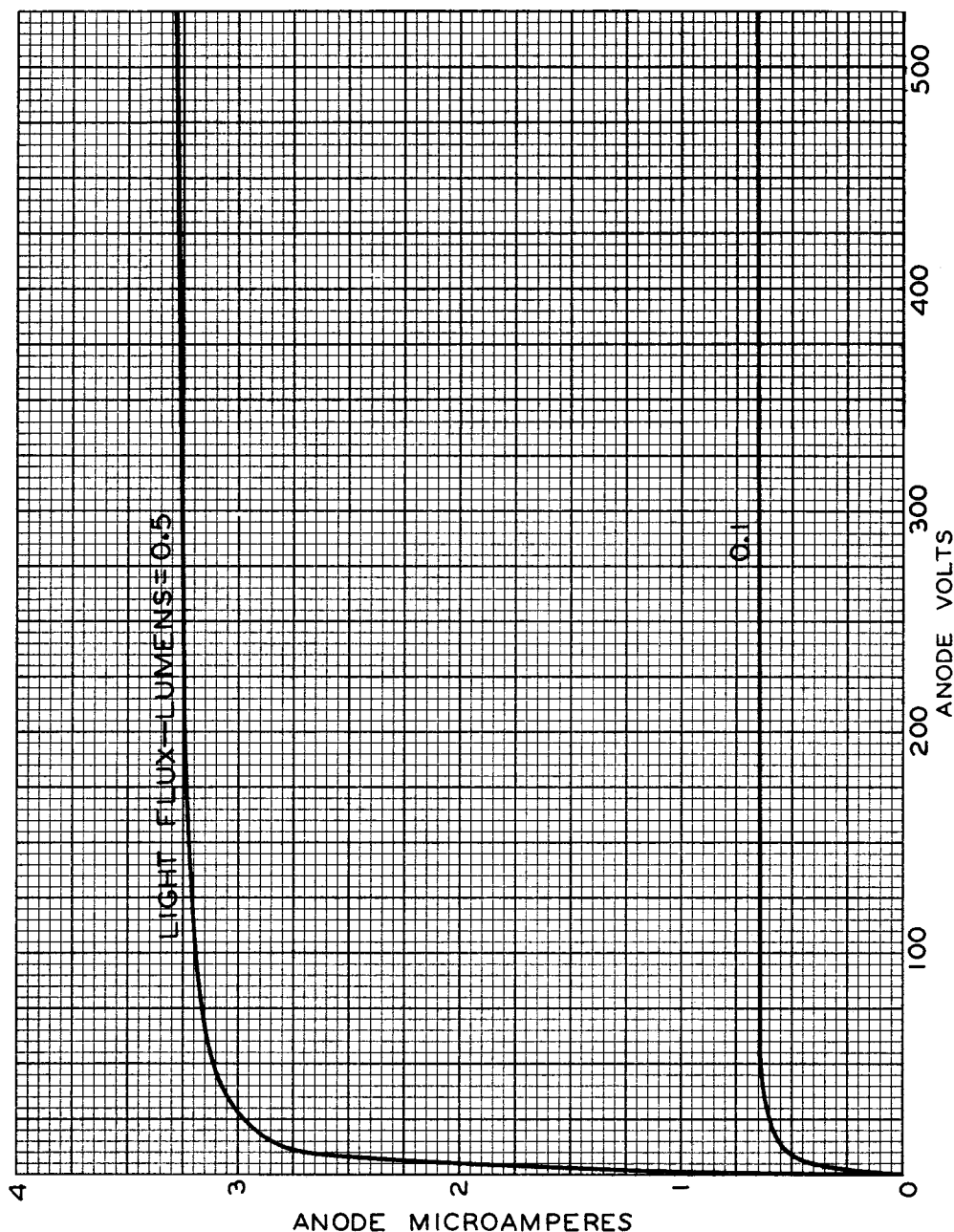
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VACUUM PHOTOTUBE

DIMENSIONAL OUTLINE
for Type 926 is the same as that shown for Type 921

SPECTRAL-SENSITIVITY CHARACTERISTIC
of Phototube having S-3 Response
is shown at the front of this Section

AVERAGE ANODE CHARACTERISTICS



TUBE DIVISION

RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

92CM - 6209RI