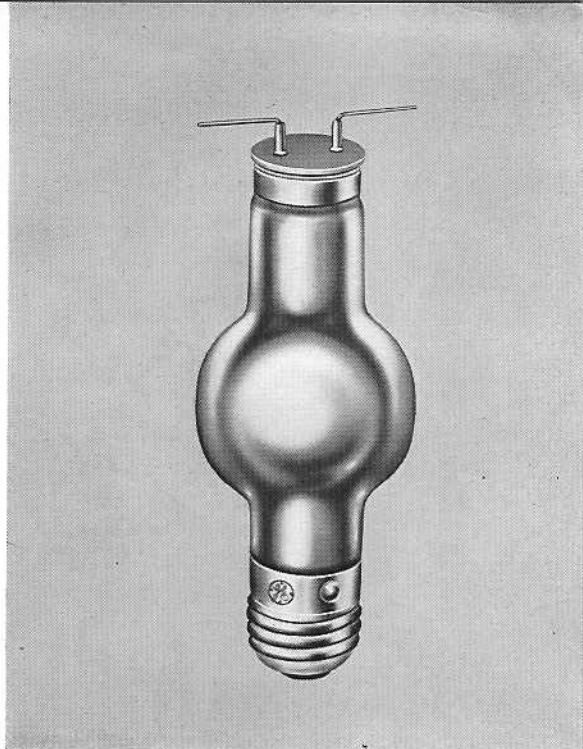


G-E TUNGAR BULB

Cat. No. 199698

Tungar bulb, Catalog 199698 is a quick-starting twin-anode rectifier for use in low-voltage full-wave circuits. It is recommended for full-wave applications where only a single bulb is desired to deliver low-voltage and low-current output. This bulb is frequently used to supply power to d-c relays. The discharge medium is argon gas.



GENERAL DESIGN

Number of electrodes	3
Socket required	Standard Edison
Cathode—thoriated tungsten filament:	
Voltage	1.8 ± 5%
Current, amperes, approx.	1.2
Pre-heating time, typical seconds	0*
Tube voltage drop, volts d-c:	
Maximum	10.0
Minimum	5.5
Average during life	8.0
Starting (pick-up) voltage, volts d-c:	
Maximum	14.0
Minimum	10.0
Average during life	12.0
Net weight, ounces, approx.	2
Shipping weight, ounces, approx.	6
Length, inches, approx.	5 $\frac{5}{8}$
Diameter, inches, approx.	2

RATINGS

Maximum peak voltage between anodes	105	120
Maximum current:		
Average per anode, amperes	1.0	0.25
Average full-wave output per tube, amperes	2.0	0.5
Instantaneous (peak) amperes, recurrent	6.0	1.5
Maximum d-c output, average volts	25	30

*Under normal ambient temperature conditions, this tube will deliver 90% of full output within three seconds after the simultaneous application of anode and filament voltage. Longer tube life may be obtained by applying the anode voltage one to three seconds later than the filament voltage.