

EDISWAN

MR. 304

GRID CONTROLLED MERCURY VAPOUR RECTIFIERGENERAL

Hot Cathode Half-Wave Grid Controlled Rectifier. Care must be taken in installation to ensure free circulation of air around the bulb in order that the temperature limits are not exceeded.

When the rectifier is first placed in service the filament should be operated at normal voltage for 15 minutes without anode voltage in order to obtain correct distribution of the mercury. The rectifier should be mounted vertically.

RATING

Filament Voltage (volts)	V_f	4.0
Filament Current (amps)	I_f	12.5
Maximum Peak Inverse Voltage (kV)	P.I.V.(max)	14.0
Maximum Peak Anode Current (amps)	$I_a(pk)max$	3.0
Maximum Average Anode Current (amps)	$I_a(av)max$	0.75
Control Ratio		500
Ambient Heating Delay Time (secs)		60
Ambient Temperature Range	$^{\circ}C$	10-40

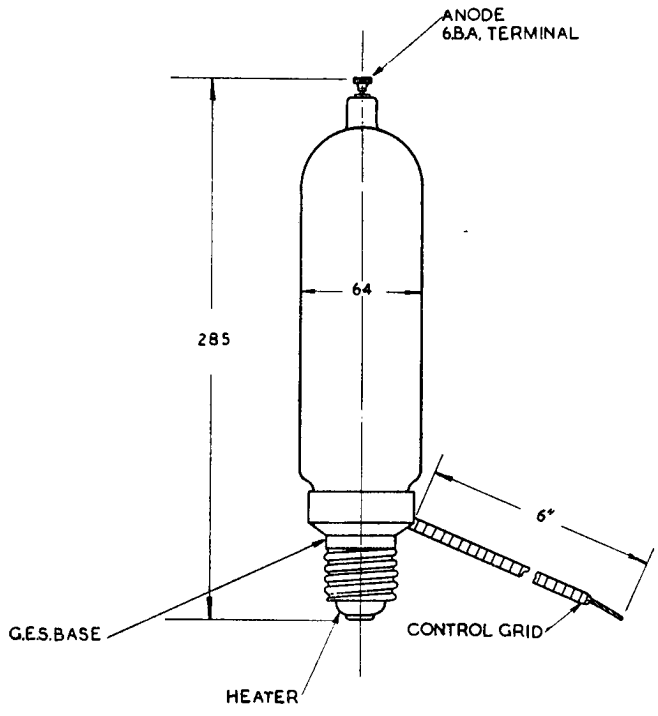
DIMENSIONS

Maximum Overall Length (mm)	285
Maximum Overall Diameter (mm)	64

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ALL DIMS. IN mm. UNLESS
STATED OTHERWISE