

**EDISWAN**

MU.25

**HALF-WAVE MERCURY VAPOUR RECTIFIER**GENERAL

This is an indirectly heated oxide coated cathode half-wave rectifier. Care should be taken in installation to ensure free circulation of air around bulb in order that the temperature limits are not exceeded. When the mercury vapour rectifier is first placed into service, the cathode should be operated at normal voltage for 15 minutes, without anode voltage in order to obtain correct distribution of the mercury.

RATING

Filament Voltage (volts)	$V_f$	4.0
Filament Current (amps)	$I_f$	28 0
Maximum Peak Inverse Anode Voltage (volts)	P.I.V (max)	500
Maximum Peak Anode Current (amps)	$I_a(pk)_{max}$	100
Maximum Average Anode Current (amps)	$I_a(av)_{max}$	25
Ambient Temperature Range		10° -40°C
Cathode Heating Delay Time (mins)	t	5.0

DIMENSIONS

Maximum Overall Length (mm)	395
Maximum Diameter (mm)	110
Approximate Nett Weight (lbs)	1½
Approximate Packed Weight (lbs)	8
Approximate Packed Export Weight (lbs)	8½

MOUNTING POSITION - Vertical

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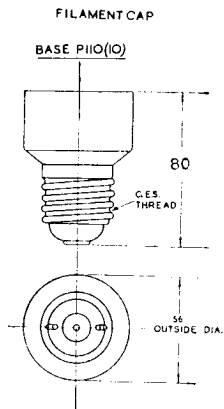
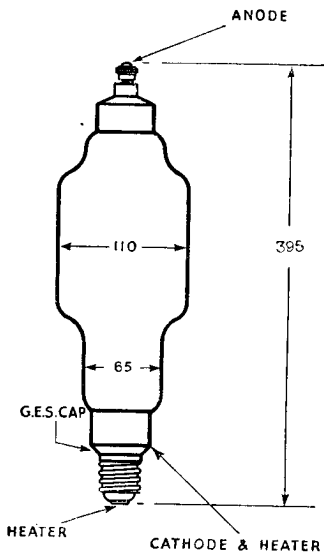
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BASE G.E.S.

TOP CAP Screw.



ALL DIMS IN mm. UNLESS STATED OTHERWISE

August 1948

RADIO DIVISION

Issue 1/5

**THE EDISON SWAN ELECTRIC COMPANY LTD.**