

EDISWAN

ESU150

ESU150

HALF-WAVE MERCURY VAPOUR RECTIFIER

GENERAL

Hot Cathode Half-Wave 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.

RATING

Filament Voltage (volts)	V_f	4.0	
Filament Current (amps)	I_f	10.0	←
Maximum Peak Inverse Anode Voltage (volts)	$PIV_{(max)}$	10,000	
Maximum Peak Anode Current (amps)	$I_a(pk)_{max}$	4.0	
Maximum Average Anode Current (amps)	$I_a(av)$	1.0	
Condensed Mercury Temp.		20°—60°C	
Cathode Heating Delay Time (secs)		60	

DIMENSIONS

Maximum Overall Length	(mm)	216
Maximum Diameter	(mm)	57
Approximate Nett Weight	(ozs)	4
Approximate Packed Weight	(ozs)	5
Approximate Packed Export Weight (lbs)		$3\frac{3}{4}$

MOUNTING POSITION—Vertical

October, 1957

Industrial
VALVE & CRT DIVISION

Indicates a change ←

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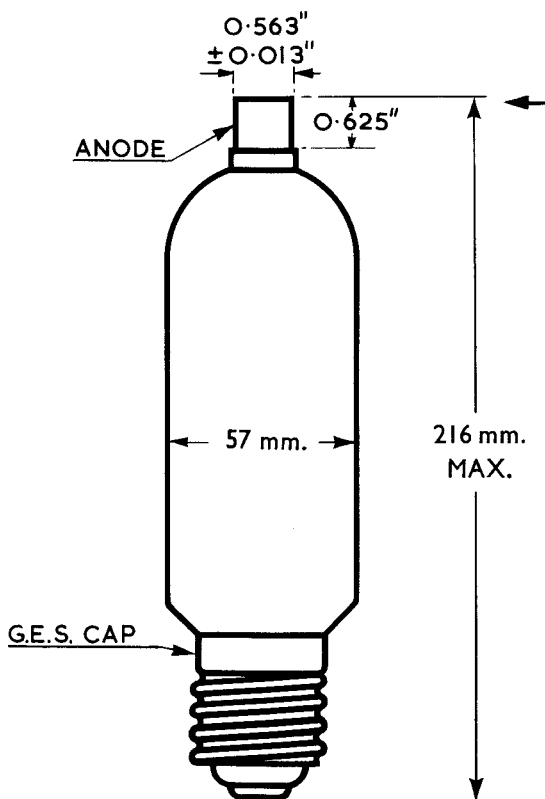
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