

108Volt gas-filled stabiliser with
current range 5.0 to 30mA.

LIMITING VALUES (absolute ratings)

Minimum voltage necessary for ignition in some ambient light	133	V
Minimum voltage necessary for ignition in complete darkness	210	V
Maximum burning current	30	mA
Minimum burning current	5.0	mA
Maximum starting current	75	mA
Maximum ambient temperature limits	-55 to +90	°C
Maximum negative anode voltage	75	V

CHARACTERISTICS

	<i>Initial</i>	<i>Over Life*</i>	
Maximum burning voltage at $I_a = 30\text{mA}$ (all tubes)	112	114	V
Minimum burning voltage at $I_a = 5.0\text{mA}$ (all tubes)	105	101	V
Maximum difference between burning voltages at $I_a = 30\text{mA}$ and $I_a = 5.0\text{mA}$ (individual tube)	3.5	4.0	V
Typical difference between burning voltages at $I_a = 30\text{mA}$ and $I_a = 5.0\text{mA}$ (individual tube)	1.5	1.5	V
Maximum percentage variation of burning voltage at $I_a = 17.5\text{mA}$ during 1000 hours life		± 3.0	%
Typical percentage variation of burning voltage at $I_a = 17.5\text{mA}$ during 1000 hours life		± 1.0	%

*This condition corresponds to an average current of 17.5mA

108C1

STABILISING TUBE

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