

STABILISING TUBE

150Volt gas-filled stabiliser with
current range of 5.0 to 30mA.

I50C4

LIMITING VALUES (absolute ratings)

Minimum voltage necessary for ignition in some ambient light	185	V
Minimum voltage necessary for ignition in complete darkness	225	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	125	V

CHARACTERISTICS

	<i>Initial</i>	<i>Over life*</i>	
Maximum burning voltage at $I_a = 30\text{mA}$ (all tubes)	158	161	V
Minimum burning voltage at $I_a = 5.0\text{mA}$ (all tubes)	142	139	V
Maximum difference between burning volt- ages at $I_a = 30\text{mA}$ and $I_a = 5.0\text{mA}$ (individual tube)	5.0	8.0	V
Typical difference between burning volt- ages at $I_a = 30\text{mA}$ and $I_a = 5.0\text{mA}$ (individual tube)	3.0	3.0	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

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