

## 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 voltages at $I_a = 30\text{mA}$ and $I_a = 5.0\text{mA}$ (individual tube) | 5.0            | 8.0               | V |
| Typical difference between burning voltages 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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