

Ferranti

STROBOSCOPIC LIGHT SOURCE

A Xenon filled stroboscopic Flash Tube designed for low voltage operation in applications requiring a linear source at low repetition rates. It emits a white light.

PHYSICAL DETAILS.

Electrode Connections	Flexible Leads
Max. Overall Length (excl. leads)	95 mm. (3.7")
Min. Lead Length	50 mm. (1.9")
Max. Diameter of Glass Tube ...	8 mm. (0.3")
Effective Flash Length	40 mm. (1.6")

For other dimensions see outline drawing.

ELECTRODE CONNECTIONS.

The anode lead is marked red.

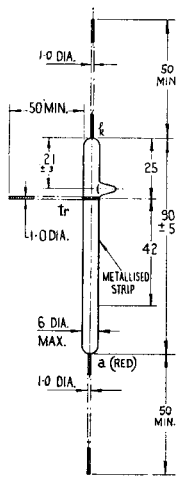
RATINGS.

Max. Anode Voltage (Static)	600 volts
Max. Anode Voltage (Working)	550 volts
Min. Anode Voltage (Working)	350 volts
Max. Flash repetition rate	10 per sec
Max. Dissipation	10 watts
Min. Charging Resistor	7.5 k Ω

TYPICAL OPERATION.

DC. Supply Voltage	350	500 volts
*Trigger Voltage	4 to 6	4 to 6 kV
Charging Resistor	7.5	7.5 k Ω
Discharge Capacitor:—		
0—10 f.p.s.	32	8.0 μ F

ED50



Dimensions
in Millimetres

*A suitable trigger pulse transformer is Ferranti Type PT.56.

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