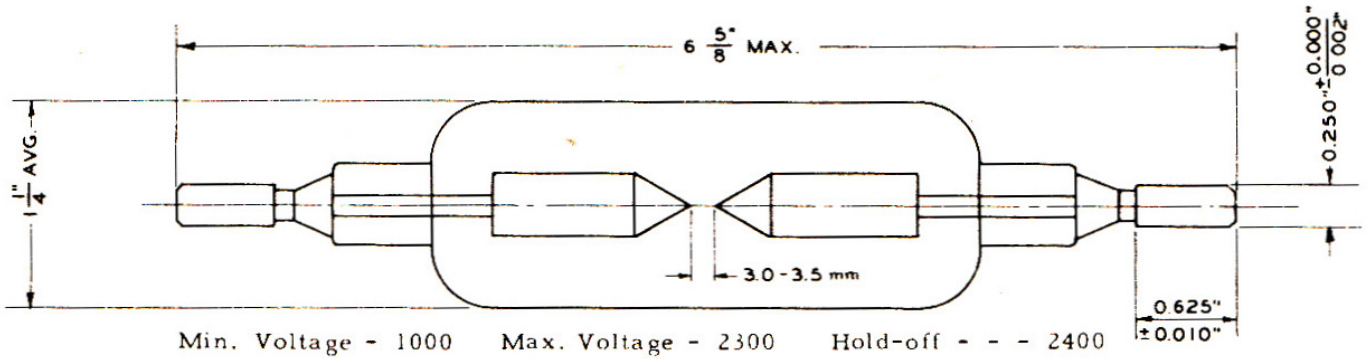


FT-230

(Use only in enclosures which protect the operator from High Voltage)



This flashtube has an arc length of only 3.0 to 3.5 mm. The shape of the arc is approximately spherical, with a diameter of about 12 mm at the maximum loading. This small size is important in many optical devices which can utilize light from only limited areas.

To provide trigger energy and reliable flashing, a separate trigger electrode should be applied. This may consist of a single bare No. 30 copper wire wrapped tightly around the

tube. It can be located anywhere between the tip of the ungrounded electrode and a point $\frac{1}{4}$ " behind the tip of the grounded electrode.

The color of the light is predominantly blue and therefore highly actinic. Unlike most other flashtubes, the FT-230 is not suited for use with color films, without excessive filtering. The efficiency of the FT-230 is approximately 10 L/W in typical circuits.

TYPICAL OPERATION

Anode Voltage	Discharge Capacitor	Flash Duration 1/3 Peak	Trigger Pulse	Flash Rate
2000	100 mfd.	70 microsec.	Class II	2 per min.
2000	60 mfd.	40 microsec.	Class II	4 per min.
2000	2 mfd.	3 microsec.	Class II	120 per min.