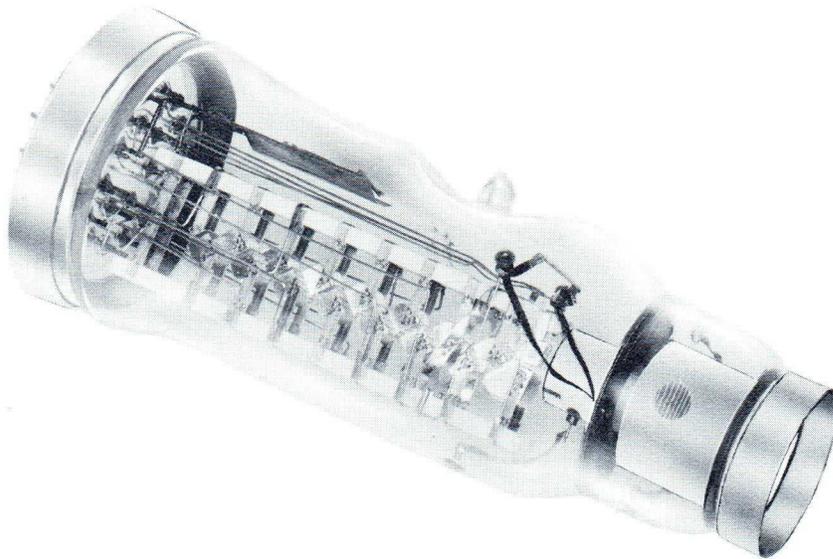


MULTIPLIER PHOTOTUBE

TYPE 6836

A PRODUCT OF ITT LABORATORIES

Nutley, N. J. • Fort Wayne, Ind. • Chicago, Ill. • San Fernando and Palo Alto, Calif.



The Multiplier Phototube type 6836 is a 16-stage multiplier of the end-window type having an S-1 spectral sensitivity characteristic. To minimize cathode noise the active cathode in this tube is reduced to a central area of approximately $\frac{1}{8}$ -inch diameter. The tube is capable of detecting and measuring extremely weak sources of infrared radiation and will

find its greatest application as a means of making photometric measurements in the region from 7000 to 12,000 angstroms wavelength. Because of its high signal-to-noise ratio this tube has found particular favor with the observatories in their work with faint and far distant celestial objects.

For further information and detailed technical specifications write to the Director, Components and Instrumentation Laboratory, ITT Laboratories, 3700 E. Pontiac St., Fort Wayne, Indiana.