

Sixteen-stage end-window photomultiplier with S-1 spectral sensitivity for infrared photometry and weak near-infrared measurements.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Photomultiplier
No fixed ratings recorded.
Photomultiplier device; source page is descriptive and lacks detailed voltage/current specifications.

The ITT 6836 is a sixteen-stage end-window multiplier phototube with s-1 spectral sensitivity for infrared photometry.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1962 ITT

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1962 ITT

Section 1 · Photomultiplier

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Multiplier stages	16	—
Window type	End window	—
Spectral response	S-1	—
Useful wavelength region	7000–12000 angstrom	—
Active cathode diameter approximate	0.125 in	—
Application	Infrared photometric measurements	—
Design feature	Reduced active cathode area for low cathode noise	—
Primary advantage	High signal-to-noise ratio Performance	—

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