



ELECTRONIC TUBE REFERENCE

FJ405

Specialized - Photo Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PHOTOEMISSIVEDETECTOR

Two-electrode high-vacuum phototube highly responsive to ultraviolet radiation from approximately 2000-4000 Å. Designed for laboratory UV measurement and industrial checking of ultraviolet lamps.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION0	PhotoemissiveDetector
MAXIMUM PLATE VOLTAGE	200 V
Phototube section. Maximum anode voltage promoted; spectral and sensitivity data preserved as parameters.	

The FJ-405 is a two-electrode high-vacuum phototube highly responsive to ultraviolet radiation from 2000 to 4000 angstroms, used for laboratory ultraviolet measurement and industrial checking of ultraviolet lamps.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 General Electric Co

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

1968 GENERAL ELECTRIC CO

Section 0 · PhotoemissiveDetector

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Spectral Response Minimum Wavelength	2000 angstrom	—
Spectral Response Maximum Wavelength	4000 angstrom	—
Wavelength of Maximum Response	2800 angstrom	—
Luminous Sensitivity	12 uA/lumen	67.5V 0Cycles
Interelectrode Capacitance	5 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Dark Current	0.1 uA	100V

TUBE TINKER

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and their source documents.

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