



ELECTRONIC TUBE REFERENCE

GL931A

Specialized - Photo Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PHOTOMULTIPLIER

Photomultiplier tube using cascaded dynodes to provide high gain for low-level optical detection and measurement.

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	
MAXIMUM PLATE VOLTAGE	1250 V
MAXIMUM PLATE DISSIPATION	0.005 W
MAXIMUM CATHODE CURRENT	2.5 mA
Phototube has no dedicated canonical SectionType; applicable published electrical ratings/characteristics are promoted where schema fields exist and other data are preserved in TUBE_SECTION_PARAMETER.	

Multiplier phototube providing high photoelectric sensitivity through dynode multiplication.

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 1 · Photomultiplier

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Wavelength of maximum response	3750 angstroms	Published datasheet value; semantic OCR text extraction.

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode voltage, d-cor peak a-c*	1250 V	Published datasheet value; semantic OCR text extraction.
Cathode current density	230 mA	Published datasheet value; semantic OCR text extraction.
Voltage between Dynode No.9and Anode	250 V	Published datasheet value; semantic OCR text extraction.
Anode current . o e	2.5 mA	Published datasheet value; semantic OCR text extraction.
Voltage per Stage. . e 75	100 V	Published datasheet value; semantic OCR text extraction.
Luminous sensitivityt. 0.3	2 A	Published datasheet value; semantic OCR text extraction.
Sensitivity at	3750 angstroms	Published datasheet value; semantic OCR text extraction.