

ELECTRONIC TUBE REFERENCE

GL441

Specialized - Photo Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PHOTOEMISSIVEDETECTOR

High-vacuum two-electrode phototube with high visible-light sensitivity and excellent stability. Its spectral response is centered in the visible region for direct photoelectric measurement without internal multiplication.

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	250 V
Phototube section; maximum anode voltage promoted and optical/sensitivity data retained as parameters.	

The GL-441 is a high-vacuum two-electrode phototube with high sensitivity to light, excellent stability, and spectral response centered in the visible region.

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
Luminous Sensitivity	45 uA/lumen	250V 0Cycles
Wavelength of Maximum Response	4000 angstrom	—
Sensitivity at Maximum Response	0.04 uA/uW	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Dark Current	0.1 uA	250V

TUBE TINKER

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and their source documents.

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