

ELECTRONIC TUBE REFERENCE

4438

Specialized - Photo Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
PHOTOMULTIPLIER

Ten-stage S-11 photomultiplier tube.

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 Photomultiplier
No fixed ratings recorded.
Ten-stage S-11 head-on photomultiplier; cesium-antimony photocathode.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

9999 Mixed D 1000

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

9999 MIXED D 1000

Section 0 · Photomultiplier

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum plate voltage	1250 V	Maximum anode-cathode supply voltage; for 4441A inherited from 4441 manufacturer equivalence

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Wavelength of maximum response	440 nm	Wavelength of maximum spectral response

CAPACITANCE

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode to all other electrodes capacitance	5.5 pF	Approximate anode capacitance to all other electrodes

TUBE TINKER

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