



ELECTRONIC TUBE REFERENCE

K1211

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

SECTION 1 Photomultiplier

No fixed ratings recorded.

Published Du Mont ratings and characteristics promoted from the supplied source.

Compact six-stage end-window photomultiplier tube with S-4 spectral response and approximately 3000 gain at 150 V per stage.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1960 Du Mont

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

1960 DU MONT

Section 1 · Photomultiplier

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
DynodeStages	6	—
SpectralResponse	S-4	—
CathodeLuminousSensitivityAverage	50 uA/lm	—
WavelengthAtMaximumResponse	4000 angstrom	—
Gain	3000	150VPerStage
AnodeDarkCurrent	1 uA	150VPerStage

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
SupplyVoltageMaximum	1300 V	AnodeToCathode

TUBE TINKER

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and their source documents.

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