

ELECTRONIC TUBE REFERENCE

8062

Specialized - Photo Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
PHOTOMULTIPLIER

Ten-stage flat-end-window photomultiplier with an S-1 infrared-sensitive photocathode. Designed for spectroscopy, ranging, temperature analysis, and scientific measurement, it provides internal gain for weak infrared optical signals.

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
No fixed ratings recorded.
Published Du Mont ratings and characteristics promoted from the supplied source.

Ten-stage flat-end-window multiplier phototube with S-1 infrared-sensitive photocathode for spectroscopy, ranging, temperature analysis, and scientific measurement.

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	10	—
SpectralResponse	S-1	Infrared
CathodeLuminousSensitivityMedian	18 uA/lm	—
CurrentGain	500000	105VPerStage
WavelengthAtMaximumResponse	8000 angstrom	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
AnodeDarkCurrentMaximum	15 uA	25C