

ELECTRONIC TUBE REFERENCE

6291

Specialized - Photo Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
PHOTOMULTIPLIER

Multiplier phototube using cascaded dynodes for high-gain detection and measurement of low-level light.

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
<p>No fixed ratings recorded.</p> <p>Ten-stage electron-multiplier phototube; optical, gain, dark-current, and dynode data retained as parameters.</p>

Ten-stage end-window multiplier phototube predominantly sensitive to visible radiation.

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

CONSTRUCTION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Device construction	10-stage end-window multiplier phototube	—
Stage count	10	—

APPLICATION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	Visible-light photodetection with electron multiplication	—

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Cathode luminous sensitivity minimum	40 uA/lm	—
Cathode luminous sensitivity typical	60 uA/lm	—
Current amplification typical	100000	—
Spectral response	Visible-sensitive	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Voltage per stage typical	145 V	—

TUBE TINKER

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and their source documents.

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