

ELECTRONIC TUBE REFERENCE

7860

Specialized - Photo Tube electronic tube

CONSOLIDATED TECHNICAL DATA  
1 SECTION  
CONSTRUCTION  
PHOTOMULTIPLIER

Multipier phototube with cascaded dynodes for low-light detection and measurement. Internal secondary-emission multiplication amplifies weak photocathode currents to provide substantially greater sensitivity than simple phototubes.

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 retained from the supplied source. |

Multipier phototube with cascaded dynodes for low-light detection and 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  |
| DeviceFunction         | Multiplier phototube | —                 |
| DynodeStages           | 10                   | —                 |
| SpectralResponse       | S-11                 | —                 |
| RuggedizedConstruction | 1 boolean            | ShockAndVibration |