

ELECTRONIC TUBE REFERENCE

58AVP

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	20
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Photomultiplier	
MAXIMUM PLATE VOLTAGE	3500 V
MAXIMUM PLATE DISSIPATION	1 W
Published ratings and typical characteristics promoted where applicable.	

14-stage fast high-gain photomultiplier; 110 mm SbCs photocathode. The record is based on the supplied manufacturer datasheet, including published ratings, characteristics, and intended applications.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1999 Philips 0-D

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

1999 PHILIPS 0-D

Section 1 · Photomultiplier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Photocathode luminous sensitivity	60 uA/Lm	Average
Gain	1000000000	Minimum at 3000 V
Anode pulse rise time	2e-9 s	Typical
Peak anode current	1 A	Maximum
Anode-final dynode capacitance	7 pF	Interelectrode

TUBE TINKER

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