

ELECTRONIC TUBE REFERENCE

MW5310

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Round metal-backed monitor CRT with magnetic focusing and magnetic deflection, intended for professional direct-view television or electronic monitoring.

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 Cathode Ray	
MAXIMUM PLATE VOLTAGE	25000 V
Round metal-backed monitor tube with magnetic focusing and magnetic deflection. The supplied sheet is tentative and refers to MF53-10/ML53-10 for further data.	

MW5310 is a Philips cathode-ray television or monitor tube. Round metal-backed monitor tube with magnetic focusing and magnetic deflection. The supplied sheet is tentative and refers to MF53-10/ML53-10 for further data.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Philips Electron Tubes Handbook V2

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

1963 PHILIPS ELECTRON TUBES HANDBOOK V2

Section 1 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode/grid-2 voltage	25000 V	—
Anode current	50 uA	LightOutputTest
Referenced detailed types	MF53-10; ML53-10	Further data

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Light output	5 candela	AtIa=50uA



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1999 Philips E-Z

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

1999 PHILIPS E-Z

Section 1 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Published device data	1	Datasheet is sparse or primarily graphical; see source notes.

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

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