



ELECTRONIC TUBE REFERENCE

M38121W

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Philips/Mullard monochrome cathode-ray picture tube for direct-view television service, with manufacturer-defined screen dimensions, magnetic deflection, focusing, and high-voltage operation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Cathode Ray

No fixed ratings recorded.

38 cm rectangular monitor/display tube with metal-backed screen, integral protection and 110-degree deflection

M38121W is a 38 cm rectangular monitor/display tube with metal-backed screen, integral protection and 110-degree deflection. The supplied Philips datasheet was read for construction, heater or filament data, limiting ratings, characteristic constants, operating conditions, capacitances, screen data, and application information where published.

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

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Deflection angle	110 degree	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Resolution	650 lines	—
Useful diagonal	350 mm	—
Useful width	290 mm	—
Useful height	226 mm	—

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and their source documents.

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