ELECTRONIC TUBE REFERENCE

M31131W

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

SECTION1 Cathode Ray

No fixed ratings recorded.

31 cm rectangular monitor/display cathode-ray tube with integral protection and 900-line resolution

M31131W is a 31 cm rectangular monitor/display cathode-ray tube with integral protection and 900-line resolution. 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

1999 Philips E-Z

SOURCE PDF

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	90 degree	—
Resolution	900 lines	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Useful diagonal	295 mm	—
Useful width	257 mm	—
Useful height	195 mm	—

Tube Tinker

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

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