



**ELECTRONIC
INNOVATIONS
IN ACTION**

TUBES

— PRODUCT INFORMATION —

Compactron Triode-Pentode

16LU8-A

**FOR TV VERTICAL-DEFLECTION OSCILLATOR
AND AMPLIFIER APPLICATIONS**

The 16LU8-A is a compactron containing a medium- μ triode and a beam pentode. The triode is designed for service as a vertical-deflection oscillator and the pentode as a vertical-deflection amplifier in television receivers. Except for heater characteristics and shorter bulb length, the 16LU8-A is identical to the 6LU8.

GENERAL

ELECTRICAL

Cathode - Coated Unipotential

Heater Characteristics and Ratings

Heater Voltage, AC or DC*	16	Volts
Heater Current♦	0.6 ± 0.04	Amperes
Heater Warm-up Time, average♦	11	Seconds

MECHANICAL

Outline Drawing - EIA 12-56

Maximum Diameter	1.562	Inches
Minimum Diameter	1.438	Inches
Maximum Over-all Length	2.875	Inches
Maximum Seated Height	2.500	Inches
Minimum Seated Height	2.250	Inches

NOTES

- * Heater voltage for a bogey tube at $I_f = 0.6$ amperes.
- The equipment designer should design the equipment so that heater current is centered at the specified bogey value, with heater supply variations restricted to maintain heater current within the specified tolerance.
- ♦ The time required for the voltage across the heater to reach 80 percent of the bogey value after applying 4 times the bogey heater voltage to a circuit consisting of the tube heater in series with a resistance equal to 3 times the bogey heater voltage divided by the bogey heater current.

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TUBE DEPARTMENT
GENERAL  **ELECTRIC**
Owensboro, Kentucky 42301