The 16LU8-A is a compactron containing a medium-mu 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 If = 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