



ELECTRONIC TUBE REFERENCE

6345

Specialized - Ballast electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

BALLAST

Long-life seven-pin miniature ballast regulator maintaining approximately 140–160 mA over a 4.5–11.2 V operating range.

GENERAL CHARACTERISTICS

BASE DESIGNATION	–	BASE PINS	7
NOMINAL HEATER	– / –	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Ballast

No fixed ratings recorded.

Ballast device has no canonical electrical SectionType; ballast voltage/current data preserved in parameter rows.

Long-life seven-pin miniature ballast tube regulating approximately 140–160 mA over 4.5–11.2 volts.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1961 Tung Sol

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

1961 TUNG SOL

Section 1 · Ballast

BALLAST		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament voltage minimum	4.5 V	—
Filament voltage maximum	11.2 V	—
Steady-state current minimum	140 mA	—
Steady-state current maximum	160 mA	—
Heating time at 11.2 VDC	5 s	—

TUBE TINKER

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

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

© 2026 Tube Tinker