



ELECTRONIC TUBE REFERENCE

L30

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

OSRAM triode for receiving-equipment amplification, detection, or power-output service as specified in its manufacturer datasheet.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	13 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Capable
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	2860 Ω
TRANSCONDUCTANCE	0.0042 S
AMPLIFICATION FACTOR	12
MAXIMUM PLATE VOLTAGE	200 V
Published ratings and characteristics promoted from the approved datasheet. Osram L30 low-impedance indirectly heated receiving triode for low-frequency amplifier service and AC/DC series or parallel heater operation. Nominal heater 13 V at 0.3 A, seven-pin base. Maximum anode voltage 200 V. Manufacturer characteristic constants at its specified test point: amplification factor 12, plate resistance about 2860 Ω, gm 4.2 mA/V. The 250 V listing belongs to the adjacent H30, not L30; manufacturer suggests an approximately 6000 Ω optimum load.	

OSRAM L30 triode for amplification, detection, or power-output service as specified in the supplied datasheet.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1937 Osram Valves

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

1937 OSRAM VALVES

Section 1 · Triode

OTHER

PARAMETER

PUBLISHED VALUE

CONDITION / NOTE

Optimum load resistance

20000 ohm

Published operating data

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