



ELECTRONIC TUBE REFERENCE

LSD2

Specialized - Photo Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

LIGHTSOURCE

Cold-cathode gas-filled discharge flash tube producing an intense approximately one-microsecond light pulse for high-speed photography.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Indirect; cold cathode	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 LightSource	
MAXIMUM PLATE VOLTAGE	10000 V
Gas-discharge photographic flash section.	

The Mullard LSD2 is a cold-cathode gas-filled discharge tube producing an intense approximately one-microsecond flash for high-speed photography.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Mullard

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

1963 MULLARD

Section 1 · LightSource

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Energy Dissipation	35 J	PerFlash
Recommended Working Anode Voltage	7500 V	—
Minimum Peak Trigger Voltage	5000 V	SparkCoil
Minimum Interval Between Flashes	60 s	SingleFlashOperation

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Effective Flash Duration	1 us	Approximate
Anode Breakdown Voltage	10000 V	—
Minimum Anode Voltage	5000 V	—