

Mercury-argon linear light source with output proportional to anode current for recording, marking, and stroboscopic applications.

GENERAL CHARACTERISTICS

BASE DESIGNATION	InternationalOctal	BASE PINS	8
NOMINAL HEATER	6.3 V / 1.2 A	PARALLEL HEATER	- / -
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 LightSource	
MAXIMUM PLATE VOLTAGE	600 V
MAXIMUM CATHODE CURRENT	100 mA
Promoted fields were populated only where the Ferranti sheet maps cleanly to the locked schema; additional ratings and operating values are retained in TUBE_SECTION_PARAMETER.	

Mercury-argon linear light source whose light output is proportional to anode current, for recording, marking and stroboscopic applications.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Ferranti

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

1963 FERRANTI

Section 1 · LightSource

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Trigger supply voltage minimum	350 V	—
Modulation frequency maximum	20 kHz	—
Cathode current maximum	100 mA	—
Anode and trigger supply voltage	400 V	—
Mean anode current	50 mA	—
Current modulation	50 %	—

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Cathode current minimum	5 mA	MaintainGlow
Tube voltage drop	30 V	Approximate