ELECTRONIC TUBE REFERENCE

CL41

Specialized - Photo Tube electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
LIGHTSOURCE

Mercury-argon linear light source with electrically controlled output 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

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

TUBE TINKER

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