



ELECTRONIC TUBE REFERENCE

CL44

Specialized - Photo Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

LIGHTSOURCE

Neon-filled end-viewing linear light source whose output follows anode current and can be electrically modulated.

GENERAL CHARACTERISTICS

BASE DESIGNATION	InternationalOctal	BASE PINS	8
NOMINAL HEATER	6.3 V / 1.5 A	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 LightSource	
MAXIMUM CATHODE CURRENT	40 mA
WARM-UP TIME	60 s
<i>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.</i>	

Neon-filled end-viewing linear light source whose light output is proportional to anode current and can be electrically modulated.

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
Supply voltage minimum	400 V	DC
Mean anode current maximum	40 mA	—
Peak anode current maximum	90 mA	—
Trigger voltage maximum	400 V	DC
Modulation frequency maximum	15 kHz	—
Trigger resistor minimum	20000 Ohm	—

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Cathode current minimum	10 mA	MaintainDischarge
Anode-to-cathode voltage drop maximum	55 V	—

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