

ELECTRONIC TUBE REFERENCE

CL58

Specialized - Photo Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
LIGHTSOURCE

Compact heated spectral light source using spectrally pure xenon gas for optical spectroscopy and reference applications.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
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
No fixed ratings recorded.
Heated spectral gas-discharge light-source section.

The Ferranti CL58 is a compact heated spectral light source filled with spectrally pure xenon gas.

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

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Heater Current	1.5 A	—
Gas Filling	Xenon text	—
Minimum Supply Voltage	375 V	—
Anode-Cathode Voltage Drop	12 V	Approximate
Minimum Cathode Heating Delay	60 s	BeforeHT

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Mean Anode Current	50 mA	—
Maximum Peak Cathode Current	90 mA	—
Trigger Electrode Resistor	22000 ohm	TriggerToAnode

TUBE TINKER

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