

CONCENTRATED-ARC LAMP

2-Watt, DC

This Concentrated-Arc Lamp is designed for applications requiring a light source of high brilliance and very small size.

AVERAGE CHARACTERISTICS

Voltage across lamp	38 volts dc
Current through lamp	0.055 ampere
Candlepower	0.30 cp.
Diameter of light source	.127 mm.; 0.005 in.
Brilliance of light source	34.3 candles per sq. mm.; 15,000 candles per sq. in.

INSTALLATION and APPLICATION

The 2-watt d-c lamp fits a miniature 3-pin socket and may be installed to burn in any position.

This lamp has a negative volt ampere characteristic, so must be provided with a suitable ballast whose resistance will depend upon the d-c supply voltage. It is recommended that a d-c voltage of at least 100 volts be used with sufficient resistance in series with the lamp to limit the current to 0.05 ampere. The lamp requires a momentary starting potential of 1000 volts or higher.

This device uses the inventions of Patents under which Sylvania Electric Products Inc. is licensed. The Patent numbers will be supplied upon request.

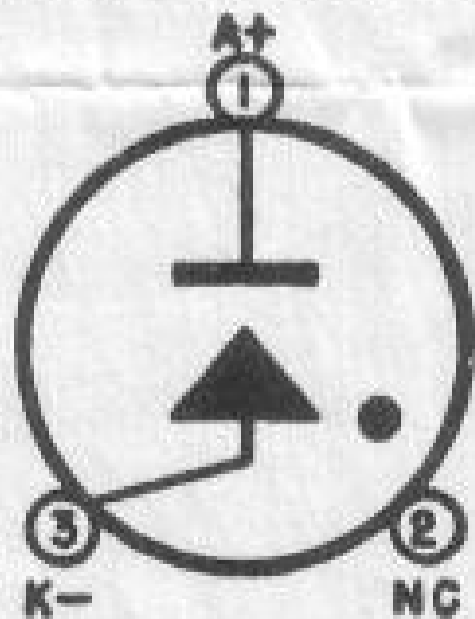
Bottom View of
Socket Connections

K - Cathode

A - Anode

● - Gas Filled

NC - No Connection



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