

CONCENTRATED-ARC LAMP 25-Watt, DC

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

AVERAGE CHARACTERISTICS

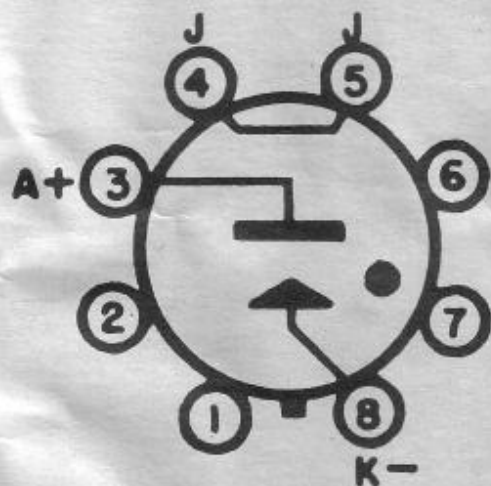
Voltage across lamp	20 volts dc
Current through lamp	1.25 amps.
Candlepower	16 cp.
Diameter of light source	0.763 mm.; 0.030 in.
Brilliance of light source	36 candles per sq. mm.;
	22,500 candles per sq. in.

INSTALLATION AND APPLICATION

The 25-Watt d-c Lamp fits a standard octal socket and may be installed to burn in any position. The bulb becomes hot during continuous operation and requires adequate ventilation to prevent overheating.

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 50 volts be used with sufficient resistance in series with the lamp to limit the current to 1.25 amperes. 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*

- A - Anode
- K - Cathode
- - Gas Filled
- J-J - Jumper

SYLVANIA ELECTRIC PRODUCTS INC.

60 BOSTON ST.

SALEM, MASS.