

October 1974

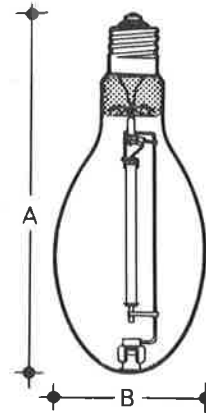
120W SOLARCOLOUR LAMP

There has been an increasing demand for a low-wattage, high-efficiency lamp, and as a result, Osram have developed the 120 watt Solarcolour.

This lamp, having the same dimensions as the 125 watt MBF/U, is therefore ideally suited for Group 'B' street lighting. In addition, it complies with the Department of the Environment's expressed preference for high pressure sodium as a light source in Conservation Areas and Historic Towns. The 120 watt Solarcolour also meets the growing demand for Shopping Precinct lighting. In commercial and industrial lighting, this lamp is suitable where low mounting heights rule out the use of higher wattage lamps.

Specification

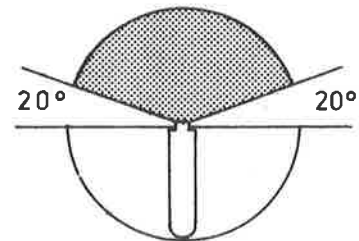
Lighting Design Lumens	- 8000
Cap	- E.S. (E 27)
Bulb	- Elliptical clear; soft glass.
Nominal L.C.L.	- 110 mm
Arc Length	- 50 mm
Arc Diameter	- 7 mm
Watts	- 120



Overall length = 174 ± 4 mm
Bulb diameter = 75 ± 1 mm

Burning Position

Universal. Under conditions of severe vibration, the lamp should not be operated within the shaded section of the diagram.



Electrical Characteristics

Mains:	Min. Nominal Supply Voltage	- 220
	Starting Current	- 1.1 Amps
	Running Current	- 0.7 Amps
Arc Tube:	Voltage	- 100 +20 -15
	Starting Current	- 1.8 Amps
	Running Current	- 1.4 Amps

Starting : Internal Starter provides simple, effective starting. OS17S or other approved electronic starter may be used if required for quick restrike with some or all lamps in an installation.

Control Gear

120 watt Solarcolour requires Choke No. Z 1656 (similar in dimensions to 125 watt Mercury control gear) and Power Factor Correction Capacitor No. Z 1762. A modified E.S. lampholder No. F 1979 is required.

Osram (**S&C**) Limited, P.O. Box 17, East Lane, Wembley HA9 7PG. 01-904 4321.

