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Phone: +91-7082934803

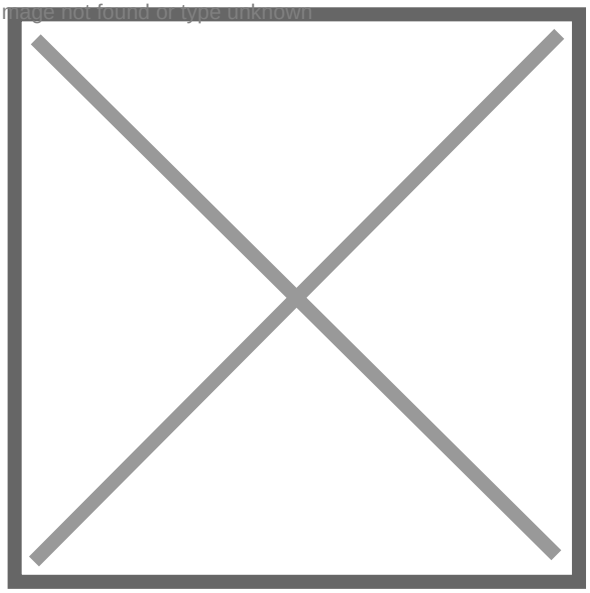
Product Name :

Electric Bulb

Product Code :

SCL-647/072

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Description :

The **Electric Bulb** (Product Code: SCL-647/072) is a 60 watt incandescent lamp of the traditional filament type, giving white light and suitable for indoor and outdoor use. In the laboratory it is the indicator lamp of the conductivity test — its brightness shows at a glance how well a solution conducts — and its glowing filament is a clear example of the heating effect of electric current. Itis supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, as part of itschemistry lab equipment in India, together with the holders, switches and wire needed to use it.

Specifications

Parameter	Detail
Light type	Incandescent
Construction	Filament (old type)
Wattage	60 W
Light colour	White
Suitable for	Indoor and outdoor use

Typical Use

Fitted in a holder in series with two electrodes, the bulb lets a class compare solutions: full brightness with salt solution or a dilute mineral acid, a faint glow with a weak acid, and no light at all with distilled water or sugar solution. Because a filament lamp brightens gradually as current increases, differences between strong and weak electrolytes are easy to see. Physics teachers also use it to show that a current-carrying filament becomes hot enough to emit light, and as a radiant heat source in the experiments that go with a heat energy science kit.

An incandescent bulb runs hot. Switch off and allow it to cool before removing it from the holder, handle it with dry hands, and position it so that liquids cannot splash onto the hot glass, which can crack on sudden cooling. Mains-powered demonstrations should always be operated by the teacher.

Supplier

This bulb is supplied by **Jain Scientific Equipments Private Limited**, an Ambala, Haryana company that trades as **ScienceLab** and equips educational laboratories in India. The company profile explains more about us.

Related Laboratory Equipment

Items used with the bulb in demonstration circuits:

- Bulb Holder Hanging Type — hermetically sealed holder made for the conductivity demonstration
- Bed Switch — on/off control for the lamp circuit
- [illegible]ame

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