Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

LED, 5 mm, White

Product Code :

SLE/PHY/82



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Description :

LED, 5 mm, White (Product Code: SLE/PHY/82) is a standard 5 mm white light-emitting diode used as a light source and indicator in school electronics circuits, science projects and physics practicals. It comes in a pack of 100, enough to equip a whole class, and the same 5 mm LED is available in a range of colours. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Type	Standard LED (light-emitting diode)
Size	5 mm
Colour	White
Pack size	100 LEDs
Other colours	Available in the same 5 mm range
Series resistor	Not listed as included — fit one in every circuit
Product code	SLE/PHY/82
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the 5 mm White LED Used For?

White LEDs give a clear, bright light, which makes them the natural choice when an experiment needs illumination rather than just an on/off signal. Students use them to light model houses and torches, to shine on a light dependent resistor in sensor experiments, and to compare the light and current of an LED with a filament bulb in LED characteristics experiment kit work.

A pack of 100 also covers science fair project kit needs in India's schools, where many pupils build lit displays at the same time. Always connect a suitable series resistor, observe polarity (the longer lead is usually the anode), and store the LEDs in their pack so the leads do not tangle or bend.

What to Specify When Ordering

- Number of packs of 100
- Any other colours from the 5 mm range, such as bright red or blue
- Whether you prefer board-mounted LED modules with a built-in resistor for younger classes

Manufacturer

ScienceLab, the trading name of Jain Scientific Equipments Private Limited, manufactures and supplies these white LEDs with its range of components for school electronics and physics labs. The manufacturer is registered as CIN U29309HR2020PTC087597 with GSTIN 06AA

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Email : sales@scilabexport.com
Phone: +91-7082934803