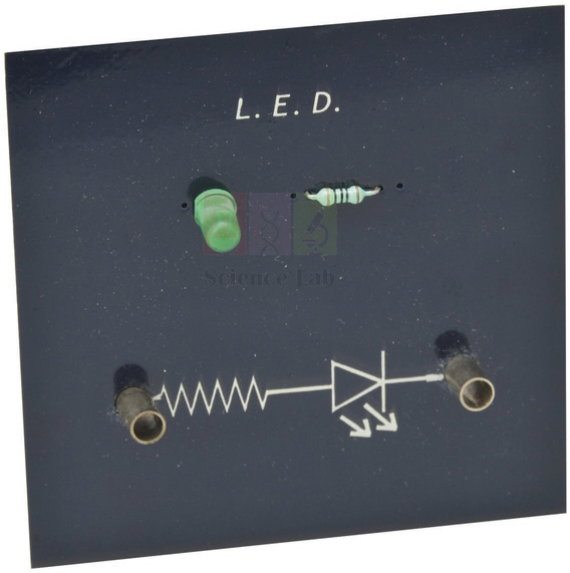
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Product Name :

Simple Circuit Module LED Board Green

Product Code :

SLE/PHY/84



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Description :

Simple Circuit Module LED Board Green (Product Code: SLE/PHY/84) is a board-mounted green light-emitting diode from the Simple Circuit Modules range, used as an indicator lamp in school electricity circuits. It carries a large LED with a series resistor of 220 ohms, so it can be used on potential differences of up to 6 V without adding a separate resistor. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Module range	Simple Circuit Modules
LED	Large light-emitting diode, green
Series resistor	220 ohms, fitted with the LED
Operating p.d.	Up to 6 V
Product code	SLE/PHY/84
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Green LED Circuit Module Used For?

Younger students can drop the green LED board straight into a circuit with a few cells, because the 220 ohm resistor already limits the current. Connected one way it glows, and turned round it stays dark, which makes it a clear first demonstration of how a diode conducts in only one direction and a good starting point for LED characteristics experiment kit lessons.

Used alongside the red LED board, it shows which way current flows in a circuit or forms the "go" light in a traffic-light model. Keep the supply at 6 V or below, as listed, and add it to other boards in the range, such as a switch or light dependent resistor module, to build sensor and control circuits for an electricity experiment kit at school level.

What to Specify When Ordering

- Number of green LED boards
- Whether matching red LED boards are needed for polarity or traffic-light work
- Other Simple Circuit Modules, such as switch, buzzer or LDR boards, for complete circuits

Supplier

The green LED board is supplied by Jain Scientific Equipments Private Limited, trading as ScienceLab, as part of the Simple Circuit Modules range it offers to schools and dealers from Ambala, Haryana. Buyers can build a full module set from one quotation. Read more on the ScienceLab company profile.

Related Physics Lab Equipment

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