Science Lab

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

**Product Name :**

LED Blue

**Product Code :**

SLE/PHY/91



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# Description :

**LED Blue** (Product Code: SLE/PHY/91) is a pack of standard 5 mm blue light-emitting diodes used as indicators and light sources in electronics and physics practicals in schools and colleges. Each pack contains 100 LEDs, enough to keep a lab stocked for breadboard projects, circuit-building lessons and replacements across a term. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, as school physics lab equipment in India, alongside the same 5 mm LEDs in other colours.

## Specifications

| Parameter | Detail |
|---|---|
| Component | Light-emitting diode (LED), standard type |
| Size | 5 mm |
| Colour | Blue |
| Packquantity | 100 LEDs |
| Other colours | Available in a range of colours (listed separately) |
| Product code | SLE/PHY/91 |
| Supplied by | Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India |

## What Are the Blue 5 mm LEDs Used For?

Blue LEDs are used on breadboards and circuit boards as on/off indicators, in simple logic and sensor projects, and to show that a diode lets current pass in one direction only. Comparing blue with red or green LEDs also lets older students explore how the voltage needed to light an LED changes with its colour, a common LED characteristics experiment.

An LED should always be wired with a series resistor to limit the current, because connecting it straight across a cell or supply can destroy it. The longer lead is normally the positive (anode) connection. Keep opened packs dry and sealed so the leads stay clean between lessons.

## What to Specify When Ordering

- Number of packs (each pack holds 100 blue LEDs).
- Any other LED colours you want quoted in the same order.
- Resistors, breadboards or LED boards needed to complete student circuits.

## Supplier

Jain Scientific Equipments Private Limited, trading as ScienceLab, supplies these standard 5 mm blue LEDs as part of its physics and electronics consumables range. Schools and colleges can add LED packs to the same enquiry as their circuit apparatus, so components and equipment arrive in one consignment. Read more about the company on the ScienceLab profile page.

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