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Product Name :

Raybox Slit Plates

Product Code :

SLE/PHY/285



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Description :

Raybox Slit Plates (Product Code: SLE/PHY/285) is a pack of raybox accessories used to shape the lamp's light into narrow rays for ray optics experiments in school physics laboratories. The pack holds 2 plates, each 84 mm long, 50 mm wide and 1 mm thick, so teachers can keep aspare with every raybox. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, as physics lab equipment in India for optics experiment kits in schools.

Specifications

Parameter	Detail
Type	Accessories for a raybox
Pack size	Pack of 2
Length	84 mm
Width	50 mm
Thickness	1 mm
Product code	SLE/PHY/285
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Are Raybox Slit Plates Used For?

A raybox on its own gives a broad patch of light; a slit plate placed in the raybox opening turns it into thin, clearly defined rays that students can trace on paper. With those rays they study reflection at plane and curved mirrors, refraction through glass blocks and prisms, total internal reflection, and how converging and diverging lenses bend parallel rays to a focus. Clear, narrow rays make angle measurements with a protractor far more accurate.

Because each plate is only 1 mm thick, handle it by the edges, keep it flat and store the pair together so neither gets bent or scratched. Darkening the room slightly and placing the raybox close to the paper gives the sharpest rays. Thin accessories like these are easily mislaid in busy classes, so a spare pack per laboratory keeps ray optics lessons running.

What to Specify When Ordering

- Number of packs; each pack contains 2 slit plates.
- The raybox model you use, so we can confirm the 84 x 50 mm plates fit its openings.
- Whether rayboxes, lenses or glass blocks should be quoted as well.

Manufacturer

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, located in Ambala, Haryana, India. The company manufactures Raybox Slit Plates as spares for existing rayboxes and as part of complete ray optics sets for schools, colleges and dealers, and can check fit against your raybox model before quoting. Read more on our company profile.

Rela

Items

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