

55921B Inverse Square Law Demonstrator is an Optical Setup that describes the variation of light intensity with distance. The Inverse Square Law states that the illumination of a surface by a point source is Inversely proportional to the Square of the distance between the source and surface. Inverse Square Law Demonstrator consists of Optics Bench, Light Source, Photo detector for detecting the Intensity.

Features

- 1. Sliding stand with precise measurement
- 2. Light Source with height adjustment
- 3. One fixed stand and sliding stand is provided
- 4. Photo detector with height adjustable facility

Object

1. Verification of Inverse Square Law

Technical Specifications

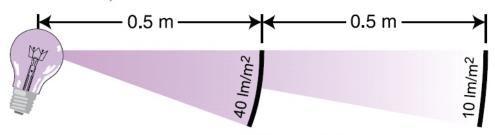
Optics bench

Length 1m

Light Source : Incandescent Lamp

Wattage 100W Photodiode Detector Optional Multimeter

Inverse Square Law: $E = I/d^2$ (for d > 5 times the source diameter)



Inverse square law

₹ Tesca Technologies Pvt. Ltd.沒 IT-2013, Ramchandrapura Industrial Area, Sitapura Extension, Near Bombay Hospital, Vidhani Circle, Jaipur-302022, Rajasthan, India, Tel: +91-9829132777; Email: info@tesca.in, tesca.technologies@gmail.com

Nebsite: www.tescaglobal.com