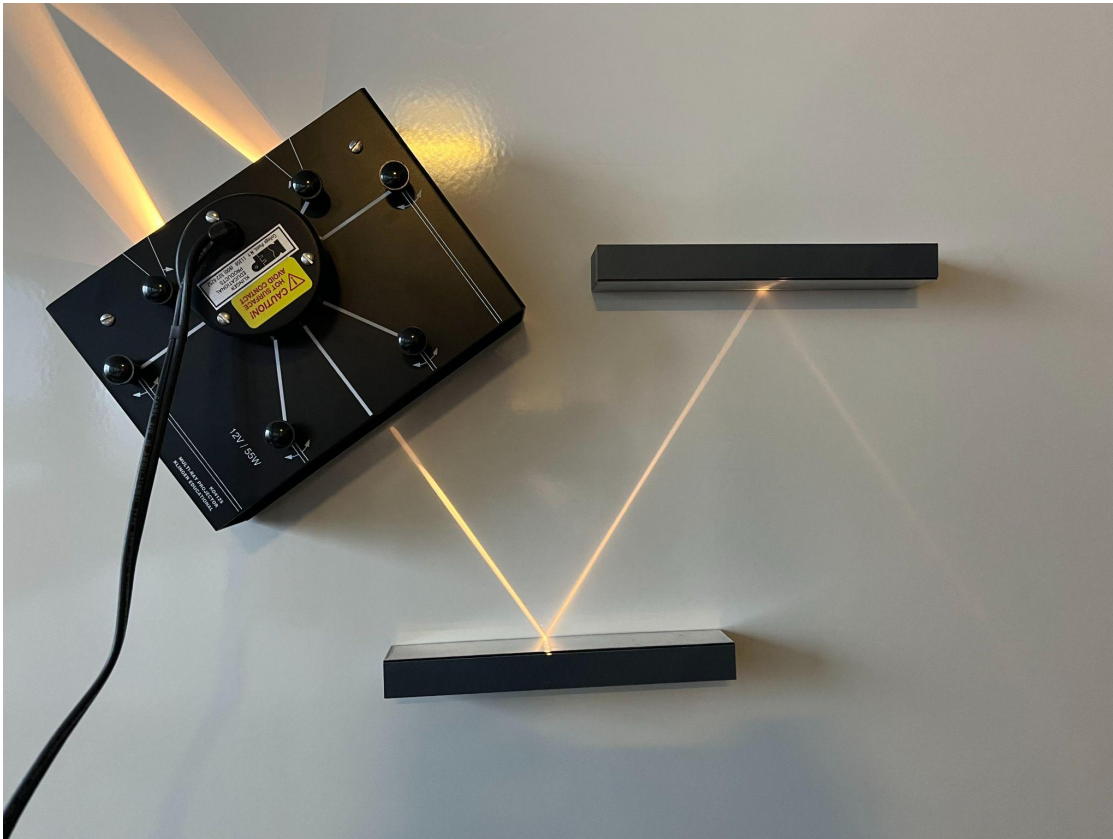


6A10.10 - BLACKBOARD OPTICS, STRAIGHT MIRRORS

Key words: straight mirrors, optics, whiteboard, light



Equipment List:

1. whiteboard
2. Whiteboard optics set
3. Straight mirrors from the set

How to assemble and operate:

- Connect the whiteboard optics set to power supply to up to 12V DC, make sure it never goes above 12V
- Point the light rays on the straight mirrors and observe the results
- Incident angle can be explained using this demonstration

Description/Theory:

This demonstration shows the behavior of light rays in optics when they hit a straight mirror.

Comments/Notes: It is very important to never go above 12 VDC in this demonstration, as the lightbulb cannot handle more.