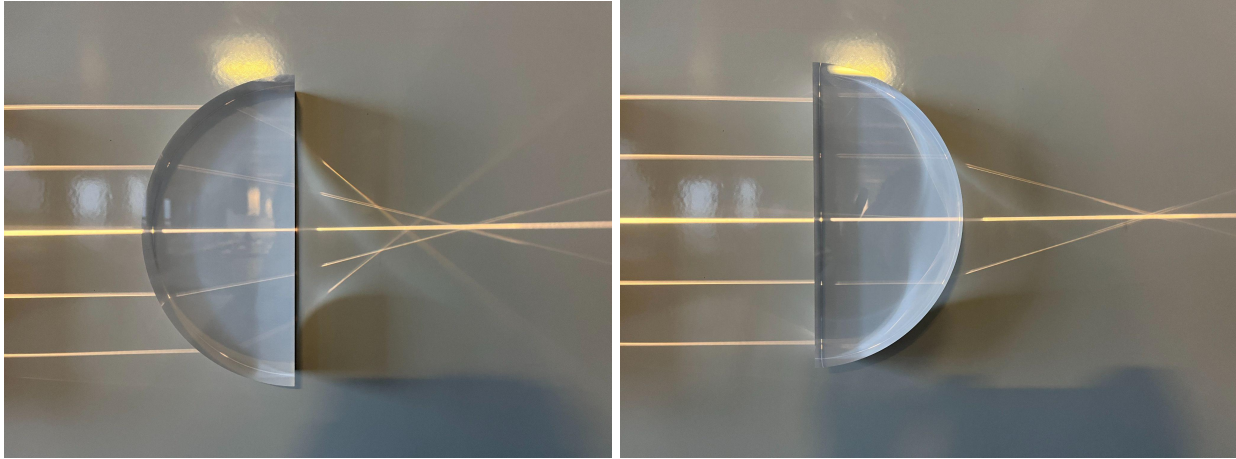


6A60.15 - Blackboard optics - Semicircle made of glass

Key words: glass half circle, optics, whiteboard, light, medium



Equipment List:

1. Whiteboard
2. Blackboard optics set
3. Glass semicircle 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 a light rays onto the glass half circle in different positions and observe how light bends

Description/Theory:

This demonstration shows how light behaves when it hits a half-circle made of glass.

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