

Question: Thin lenses

A converging lens causes a real image to be projected, inverted, onto a screen. If the lower half of the lens is completely covered...

- ☐ A. The top half of the real image is missing
- ☐ B. The lower half of the real image is missing
- ☐ C. The section of the real image that is visible depends on the angle you view the image with
- ☒ D. The full real image does form, but it is dimmer than before
- ☐ E. There will no image formed on the screen

Rationale:

"I think the intensity of the light is proportional to the diameter of the lens."