

Beam Spreading

1. How do you explain the different shapes of the light spots?
2. When is the area of the spot largest?
3. Which spot delivers the greatest amount of energy to the floor?
4. If you put a penny in each light spot, explain which one will receive the most energy.
5. If you used a heat lamp instead of a flashlight, which penny would get the hottest? Explain why.
6. What influence does solar angle have on the heating of Earth?

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