

The Switch Is On (Mark Fischetti, March 2008)

1. What is this text about?
 2. a. What is an incandescent lightbulb made of?
b. How does it work?
 3. a. Why are incandescent lightbulbs filled with an inert gas?
b. Why isn't there air in the glass bulb?
c. What happens if the tungsten filament is not perfectly uniform? What happens anyway over time?
 4. a. What is a fluorescent tube made of?
b. How does it work?
 5. What is the difference between a fluorescent tube and a CFL?
 6. What were the shortcomings of the early CFL? How have those problems been solved?
 7. Why do CFLs have the brightest future?
 8. What do you know about the lifespan of CFLs?
 9. What are the advantages and disadvantages of LEDs compared to CFLs?
 10. Why do some consumers find the light emitted by CFLs too harsh?
 11. What requirement about 100-W bulbs contains the energy bill passed by the U.S. Congress?
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