

A light turns on almost instantaneously because:

- A) the wires running from the switch to the light are made of a conducting material so a single electron will travel freely from the switch to the light fixture in a matter of seconds.
- B) the wires running from the switch to the light are like a channel through which electrons can travel at close to the speed of light.
- C) a single electron flows in one end of the wire (when switch is turned on) and **another electron** flows almost immediately out of the other end of the wire
- D) all of the above
- E) none of the above