

- 28** A monochromatic light source emits a narrow, parallel beam of light of wavelength 546 nm on the cathode of a photocell. The power in the beam is 0.080 W.

If only 1.5% of the photons incident on the cathode liberate electrons, what is the photocell current?

- A** 0.30 mA **B** 0.53 mA **C** 10.0 mA **D** 35.0 mA