

**28** When the light from two lamps falls on a screen, no interference pattern can be obtained.

Why is this?

- A** The lamps are not point sources.
- B** The lamps emit light of different amplitudes.
- C** The light from the lamps is not coherent.
- D** The light from the lamps is white.

**29** A beam of light consists of two wavelengths of 436 nm and 654 nm. A diffraction grating of