

**15** A camera lens with a maximum aperture of 25 mm forms an image of an object 9.0 m away. If a monochromatic light of wavelength 500 nm is used, what is the minimum distance between two points on the object that are just resolved?

**A** 0.090 mm

**B** 0.18 mm

**C** 5.2 mm

**D** 10 mm