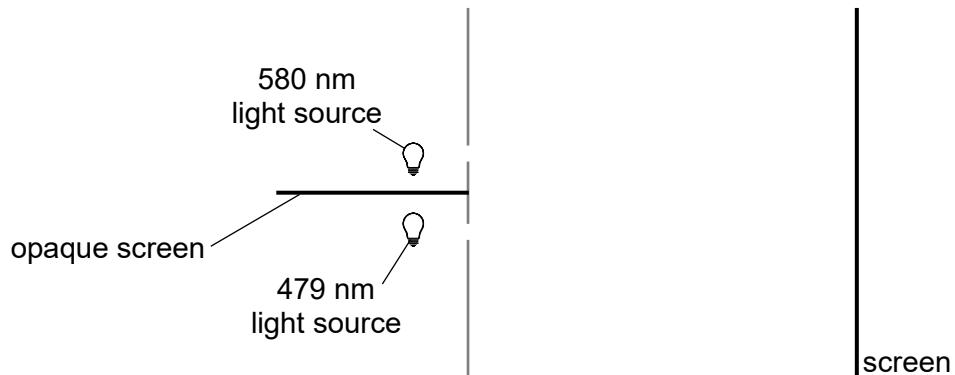


- 18** Two monochromatic lamps emitting light of 580 nm and 479 nm are separated by an opaque screen. The light from each lamp passes through different slits and reach the same screen. No interference pattern is observed when light from the two lamps meet and overlap on the screen.



Which of the following explains the observation?

- A** The lamps are not point sources of light waves.
- B** The light waves from the lamps are not coherent.
- C** The light waves from the lamps are not monochromatic.
- D** The light waves from the lamps do not have exactly the same amplitude.