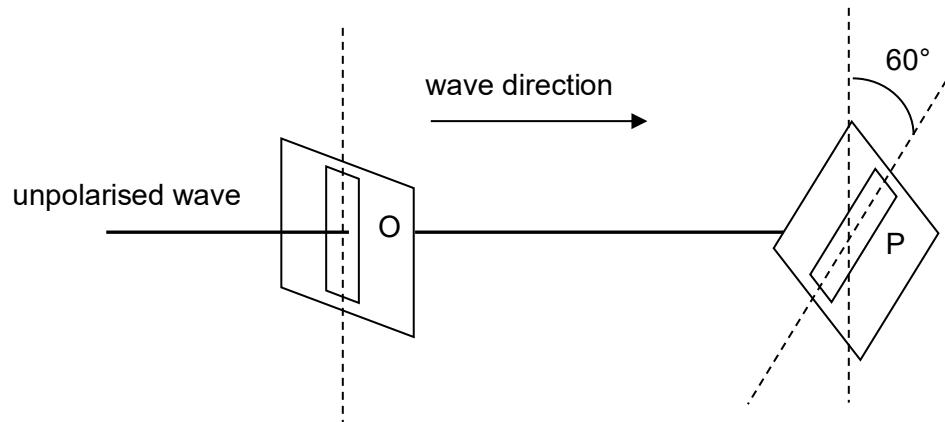


- 16** An unpolarised wave passes through polariser O such that the emerging wave is plane-polarized with an intensity of 2.0 W m^{-2} . A second polariser P is placed further such that the plane-polarised wave is incident normally on it. Polariser P is rotated clockwise by an angle of 60° .



What is the intensity of the wave after passing through polariser P ?

- A** 0.25 W m^{-2}
- B** 0.5 W m^{-2}
- C** 1.0 W m^{-2}
- D** 2.0 W m^{-2}