

- 2 A source of light is viewed through a polarising filter, as shown in photograph 1.
The filter is rotated through an angle and then viewed, as shown in photograph 2.

Photograph 1

Photograph 2

Which row of the table shows whether the light emitted by the source is polarised or unpolarised, and the angle of rotation of the filter?

	Light emitted by source	Angle of rotation / radians
<input type="checkbox"/> A	polarised	$\frac{\pi}{2}$
<input type="checkbox"/> B	polarised	π
<input type="checkbox"/> C	unpolarised	$\frac{\pi}{2}$
<input type="checkbox"/> D	unpolarised	π

(Total for Question 2 = 1 mark)