

Question 2

You are going to investigate the current – voltage characteristic of a filament bulb.

Repeat readings are not required for this experiment.

- (a) Draw a diagram of the circuit that has been set up for you.

[2]

- (b) By adjusting the variable resistor note down the minimum and maximum current.

Minimum current =

Maximum current =

[1]

- (c) By choosing a suitable sample size take sufficient readings of current and voltage to plot a graph. Record your results in a table below. [4]

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