

- (b) You have been provided with three other different coloured LEDs. Each LED emits a different wavelength of light, as shown in the table below. Replace the LED in the circuit with **each** of the others in turn and complete the table. **Remember the long leg of the LED is positive.** [3]

Colour	Wavelength nm	V_{\min} (1st measurement) Volts	V_{\min} (2nd measurement) Volts	V_{\min} (average) Volts
Blue	470			
Green	518			
Yellow	589			
Red	660			

- (c) Without drawing a graph, use your results above to show clearly that V_{\min} is **inversely** proportional to the wavelength. [2]

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