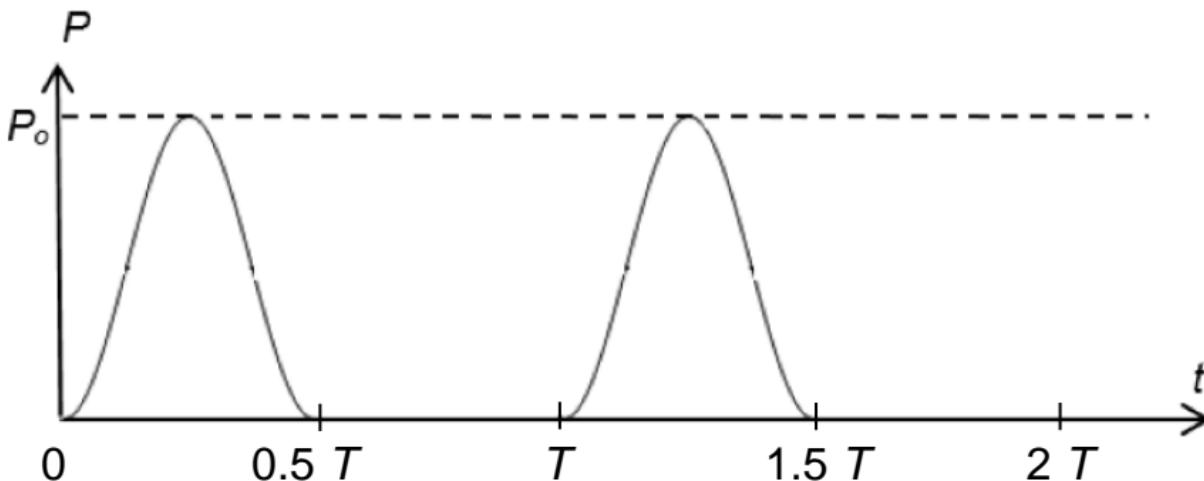


- 27 A half-wave rectified sinusoidal alternating current flows through a light bulb. The graph shows the variation of the power dissipated in the light bulb with time  $t$ , where  $T$  is the period of the current.



What is the average power consumption of the light bulb?

- A  $0.25 P_o$       B  $0.40 P_o$       C  $0.50 P_o$       D  $0.70 P_o$