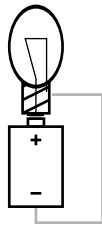


Chapter 5

Current

5.1 They pass through the filament and come out the other end



5.2 (a)

(b) See text.

5.3 5000 s

5.4 (a) 1.50 C, (b) 9.38×10^{18} electrons

5.5 (a) ii, (b) i

5.6 Yes

5.7 Yes

5.8 b