LED power consumption:

- $$P = \frac{V^2}{R} = \frac{12^2}{3.3} = 43.636\text{W}$$

LED energy consumption over 5H:

- $$E = P * T = 43.636 * 5 = 218.181 \, Wh = 18181.75 \, mAh$$

Number of batteries needed

- $$N = \frac{18181.75}{5200} = 3.5 \cong 4 \, batteries$$

At the end we need 4 batteries to make the led work more than 5 hours.