

Power of light bulb is:

$P = U \cdot I = I^2 \cdot R$ - The first value of power
where

U - voltage,

I - current,

R – resistance(constant for light bulb)

If we decrease current, power will decrease.

$$I_1 = 0.8 \cdot I$$

Power with lower current:

$$P_1 = 0.64 \cdot I^2 \cdot R$$

$P_1 = 0.64 \cdot P$ – value of power if we decrease current