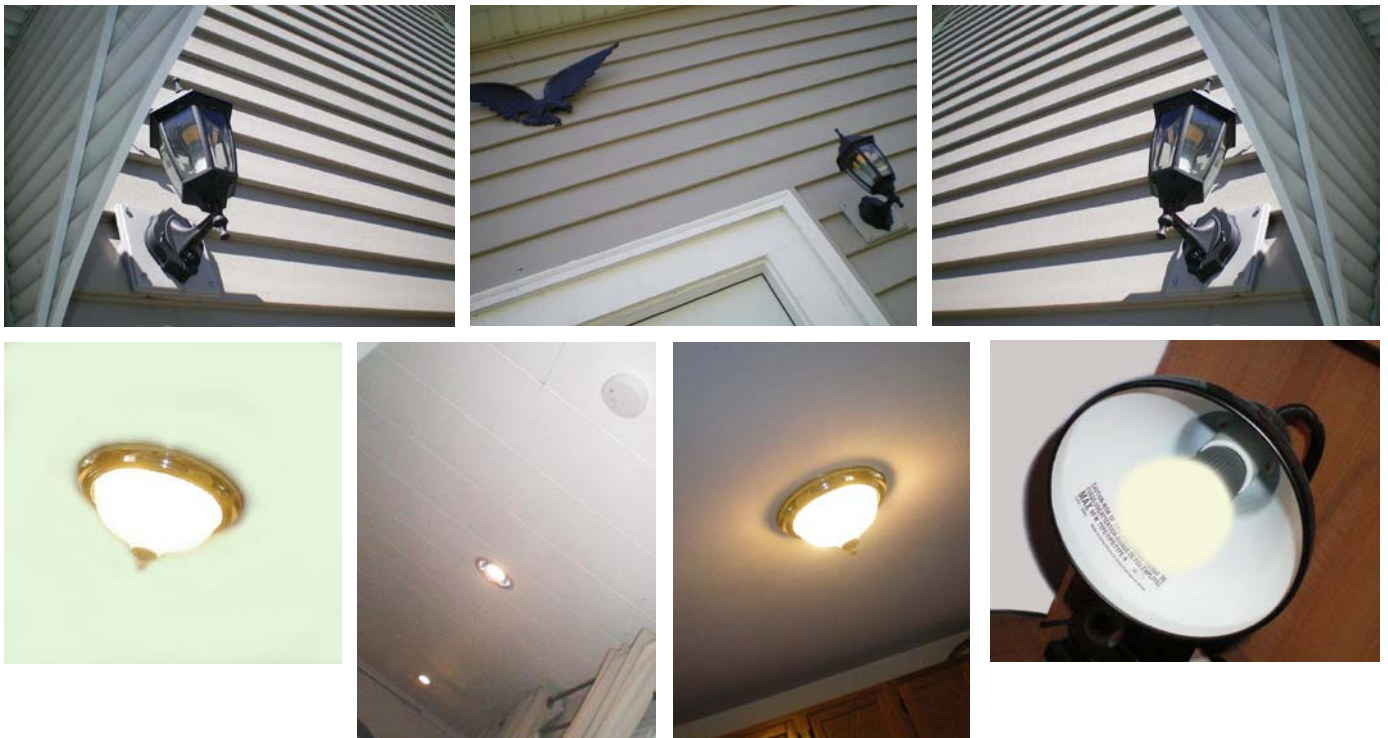


ENERGY EFFICIENT LIGHTING IN USA

Like in Australia, lighting design is inefficient to most domestic application in US housing that was built in the past. But, the change is gradually came around to this sector in adoption to efficiency in reducing power consumption to curb carbon emission to new sustainable homes across USA in recent years, including large commercial buildings with LEED award winning.



At present, many residential homes in USA have switched to a different type of energy efficient lighting, but not the compact fluorescent bulb or CFL. Homeowners understand the difference between CFL and this efficient lamp called LED. When it comes to wattage consumption per lamp, and the long lifespan of these lamps, the choice is simple: to replace CFL for better application, in exterior and interior space. A 10Watt LED lamp produces light output equivalent to a 20Watt CFL.



Compact fluorescent bulb has a short lifespan and consumes twice the power of this efficient LED¹ lamp. These households have taken a step to

1. reduce their energy usage
2. reduce the expense on compact fluorescent lamp
3. reduce power bill

efficient LED¹ – this research is carried out for knowledge of efficiency lighting to domestic application in USA, and it is not intended to promote any LED lighting brand