

Energy Conservation

Interesting facts about lighting



Did you know?

The highest temperature good quality LEDs will reach is around 55C compared with Halogens which get to more than 395 degrees Celsius. LEDs save us money on our AC bill too!

Around 4000 lamps were replaced during Crown Metropol's lighting upgrade resulting in more than 1 million kWh in energy savings per year and equating to almost 1200 tonnes of CO2. That is enough energy to power 1000 Victorian households or equivalent to removing 1250 cars from the streets.

The lighting upgrade has contributed to a decrease of electrical energy consumption of around 6%, despite the increase in occupancy levels experienced by the hotel.



Did you know?

Effective lighting can be linked to reductions of 15% in staff absenteeism and an increase of 3-20% in productivity (Source: BCO/CABE)

The 72W T8 florescent fittings in the B1 Food & Beverage Offices were replaced with high efficiency 28W T5s. Passive Infrared Sensors have been installed in meeting rooms and toilets. The sensors work by detecting moving heat sources to automatically switch on/off the respective lights.



Did you know?

The Australian government is planning on phasing out inefficient incandescent light bulbs. The traditional pear-shaped incandescent bulbs are the least efficient - these bulbs waste 90 per cent of the energy they use, mainly as heat.

In Merrywell around 130 incandescent lamps consuming 60W each were replaced with LEDs consuming only 6W. This upgrade reduced our energy bill by over \$1,500 per month.