

# Lighting Brazil Efficiently

## *Facts about LEDs*

- It's the globally most advanced technology in lighting;
- They are energised semiconductor diodes that emit light, transforming over 90% of the energy into light;
- They reduce power consumption by 45% and 95%;
- They do not emit UV radiation;
- They do not attract insects;
- They are almost completely recyclable (98%)
- They do not use the hazardous element, mercury, so are a greener light source greener than others in the market;
- They have high longevity (50,000 to 100,000 hours - 10 to 20 times more than other bulbs).



**HEXA**  
Eficiência Energética