

LED luminaires have changed the way we think about light. When you consider your choice of **LED**, think **Lumens** and not **Watts**.

Lumen - the measurement for the amount of light your Luminaire produces. The higher the Lumen number the brighter the light.

Watts - amount of energy required to drive a Luminaire.

LEDs are a lot more efficient than standard Lamps, this means they require far less *Wattage* to drive them. By moving to LED you will reduce your electricity consumption and hence reduce your electrical costs. Your property/business will become more energy efficient.

Comparatively speaking, LEDs work at approximately 90lm/Watt. Therefore a 6W LED would produce 540lm of light. Hence it would be the equivalent of a 60W Incandescent 'Globe' which produces 480 lumens (Standard household lamp).

In addition to their efficiency, LED also offer the following enhancements.

- Produce significantly less heat than a standard lamp, hence would reduce energy used in Air conditioned environments.
- Instantaneous turn on, no warm up time.
- Long term lifespan up to 5 years depending on product



LEDs are initially more expensive, when compared with discharge & fluorescent technologies but if you factor in the lifetime of the products, labor for lamp replacements and the cost saving in terms of electricity bills, there feasibility from a cost versus benefit perspective becomes favorable. Rapid development of LED technology leads to more products and improved manufacturing efficiency, which also results in lower price