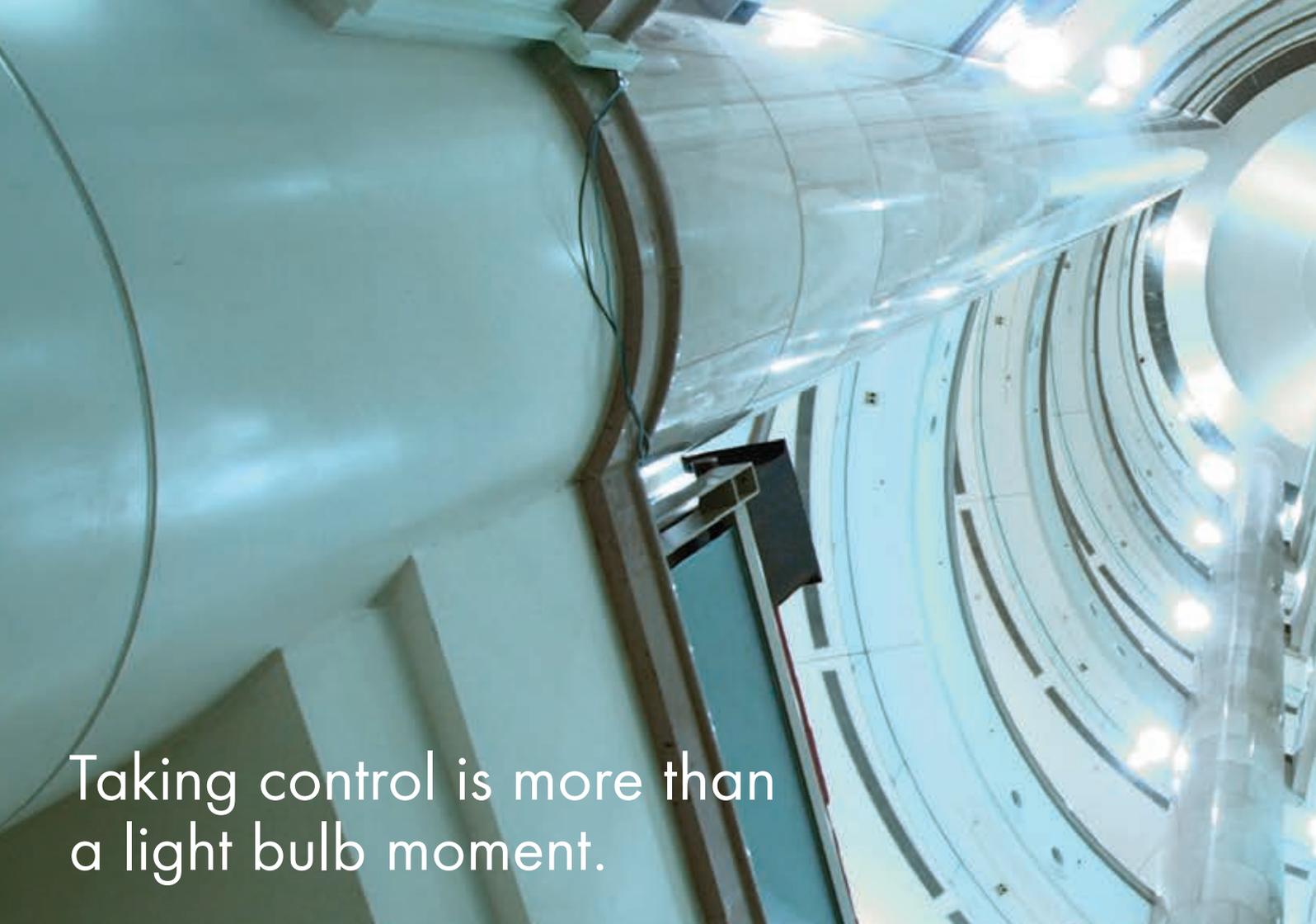




Helping you measure  
today so you can  
manage your tomorrow

Take control of your energy usage.  
Energy efficient solutions for business and industry.



# Taking control is more than a light bulb moment.

Our aim at CTS is to deliver the most cost effective energy efficiency solutions for your business, with the highest potential returns on investment.

We will look at every aspect of your energy spend, identify areas for efficiency improvements, and deliver them for you in a simple and cost effective process.

We do this by offering a full turnkey solution, installing sub-metering throughout your facility, using our own in house energy monitoring system, Aspects, and working directly with manufacturers of quality energy efficient products such as LED lighting.

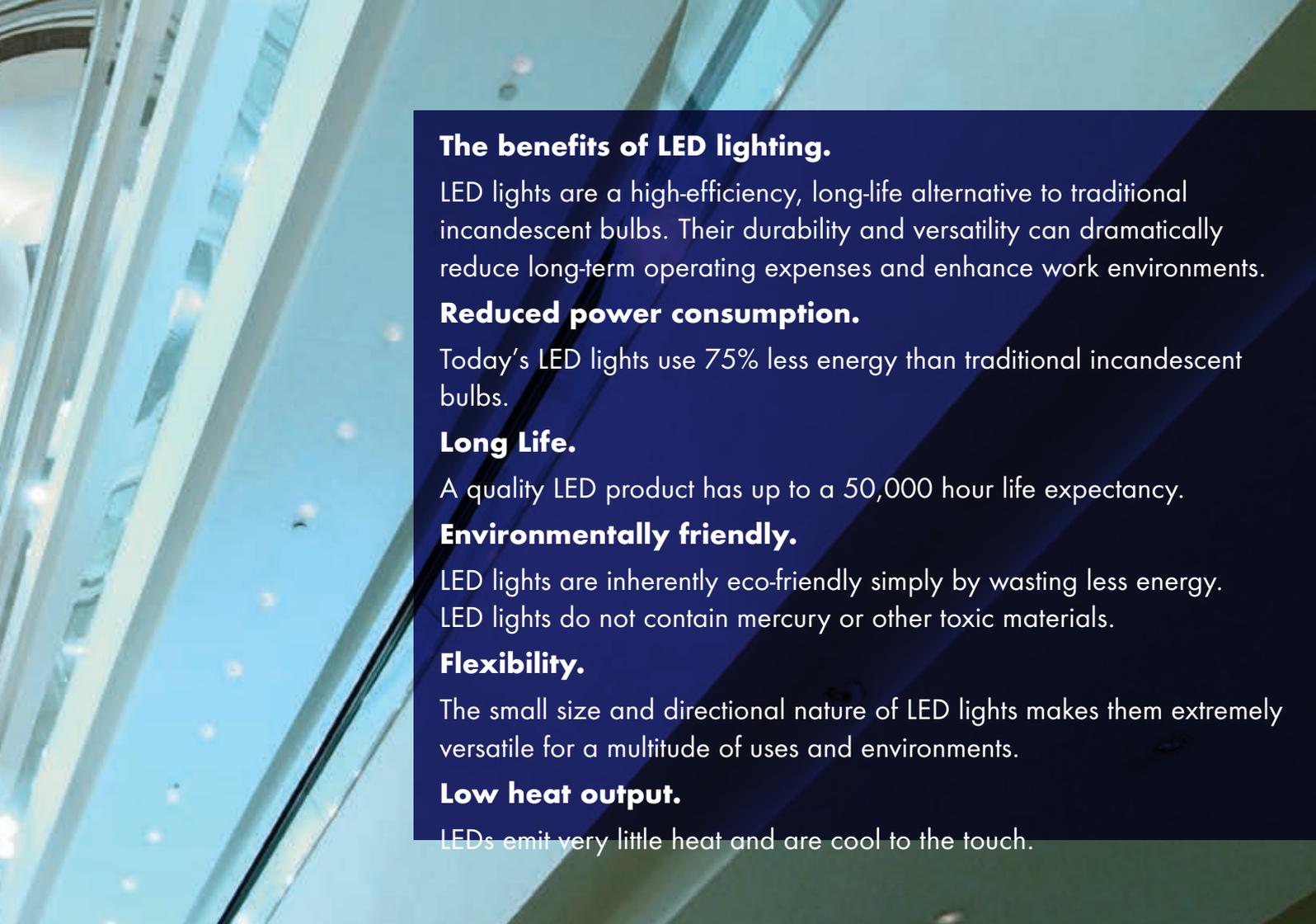
Adopting LED lighting will enable any business to reduce their energy costs whilst improving light levels, quality and distribution of light throughout a facility. CTS Energy Services can provide solutions that can be tailored for each specific customer and their working environment.

Our objective is to ensure that all of our customers receive the optimal lighting solution whilst delivering the greatest energy saving and quickest return on their investment. We achieve this by adopting a truly consultative approach with our customers and work closely with them to ensure that all of their business drivers for adopting the solution are met.

## **More than just light bulbs.**

We provide all our clients with a strategic approach by providing the most cost effective, energy efficient technology solutions with the shortest payback and highest returns on investment.

Our in house lighting design service will carry out a full building audit to identify current energy consumptions, and existing technologies. From this we identify areas where the best energy efficiency



### **The benefits of LED lighting.**

LED lights are a high-efficiency, long-life alternative to traditional incandescent bulbs. Their durability and versatility can dramatically reduce long-term operating expenses and enhance work environments.

#### **Reduced power consumption.**

Today's LED lights use 75% less energy than traditional incandescent bulbs.

#### **Long Life.**

A quality LED product has up to a 50,000 hour life expectancy.

#### **Environmentally friendly.**

LED lights are inherently eco-friendly simply by wasting less energy. LED lights do not contain mercury or other toxic materials.

#### **Flexibility.**

The small size and directional nature of LED lights makes them extremely versatile for a multitude of uses and environments.

#### **Low heat output.**

LEDs emit very little heat and are cool to the touch.

savings can be achieved, along with providing detailed forecasts on savings, return on investments and which technologies we recommend implementing.

### **Intelligent lighting control.**

Whilst more efficient technology provides a reduction in the energy consumed, lighting schemes augmented with intelligent lighting controls can achieve energy savings of up to 80% (versus existing lighting consumption).

The principle of "intelligent" lighting control is to ensure that your lighting system reacts to conditions within the working environment and within certain programmed parameters to suit operational needs. Effectively only delivering the right level of light and only when it is needed.

Passive infra-red sensors or microwave sensors can be adopted to detect when there is activity in proximity of the sensor and switch off lights that are surplus to requirements (or dim back as appropriate). A combination of both of these functions means that your system will deliver only the correctly specified amount of light and only when it is needed.

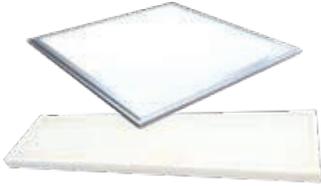
We can also devise suitable, compliant, robust solutions for customers who utilise building management systems to deliver integrated lighting schemes that provide control and data, not just to and from the lighting system, but also as part of a larger building management strategy.

### **Added peace of mind.**

All of our lighting solutions have a 5 year return to manufacturer warranty as standard to ensure peace of mind to our customers.

# A range of solutions that's right for any environment

The components specified within our solutions are from recognised manufacturers with a pedigree and heritage in lighting solutions which means that all of our lighting solutions have a 5 year return to manufacturer warranty as standard to ensure peace of mind to our customers.



## LED panels, downlights and surface fittings



## LED commercial lighting



## 2D LED trays and bulkheads



## LED floodlights



## LED emergency lighting



## LED decorative lighting



## LED decorative exterior lighting



## LED lamps and tubes



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