



**iEM360**

Helping your Business achieve Net Zero

**Lighting The Way**

Making Net Zero a reality with  
LED Lighting



## Why are **LED Lightbulbs** a practical solution for Net Zero?

On the road to Net Zero, energy efficiency measures may not grab as many headlines as clean energy innovations. But energy efficiency is essential, practical and very simple to install.

LED lighting has been recognised as one of the most actionable and ready-to-implement technologies for businesses. They have high lumen output per watt, meaning they are capable of turning about 70% of their energy into light. This makes them much more efficient than other bulbs, which waste a lot of energy by turning them into heat.

So we seriously recommend you make the switch. For more advantages, head over to the next page.

# Why choose LEDs?

Here's why...



## Long Life Span

Compared to the lifespan of your average incandescent bulb, the lifespan of a LED light is far superior. The average incandescent bulb lasts about a thousand hours, and the average LED light is 50,000 hours.



## Energy Efficiency

LED lighting produces less waste light and more useful lumens than other lighting technologies.



## Improved Environmental Performance

The environmental benefits of LED lighting also extend to their manufacturing process. Many traditional lighting sources, like fluorescent lighting and mercury vapor lights, use mercury internally as part of their construction.



## No Heat or UV Emissions

LEDs emit almost no heat, and most of the light they emit is within the visible spectrum. It also makes LEDs ideal for illuminating works of art that will degrade or break down over time with exposure to UV rays.



## Low Voltage Operation

If your business is in a location where flooding may occur, you want to be able to light your facility with devices that require as little voltage as possible. LEDs are perfect for this because they operate on very low voltage. When you use a low-voltage system in areas that may be prone to flooding, you are protecting your staff and others from potentially harmful or fatal shocks.

To help you become more energy efficient we can support with funding grants towards LED Lighting installations in your commercial buildings. To find out more contact us today and speak with our team of experts on becoming more energy efficient.

# iEM360



Helping your Business achieve Net Zero



01207 258166 | 07977238430



[sales@iem360.com](mailto:sales@iem360.com)



[www.iem360.com](http://www.iem360.com)



[@iem360](https://www.linkedin.com/company/iem360)