



The benefits of LED lighting

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When it comes to light bulbs, there are many different choices on the market. However, depending on the room the bulbs are to be used in, their brightness, size, shape and energy, it is important to know the benefits of each option.

One of the most widely available lighting options is Light Emitting Diode, or LED, bulbs. C&D Electrical regularly uses LED lighting when completing work with our clients and they have proven to be a popular choice due to the many benefits they bring. Listed below are the key benefits of using LED lighting in your next M&E project.

1. Lifespan

LED light bulbs have a long lifespan due to their efficiency. Generally, a good quality LED bulb will last around twenty-five times longer than a standard light bulb. This is also longer than a standard energy light bulb, functioning for up to five times as long.

2. Eco-friendly

There are notable characteristics of an LED light bulb highlighting its position as an eco-friendly option. Unlike standard light bulbs, LED lights are not made of glass, making them more robust and recyclable. LED light bulbs are also non-toxic. Many standard bulbs are produced with chemicals such as mercury, making it difficult to safely dispose of them. LED light bulbs don't contain any harmful chemicals.

With a longer lifespan, less chemicals and more economical use, fewer LED light bulbs need to be produced or replaced as often as standard light bulbs. This helps to ensure that the carbon footprint of those using LED light bulbs is greatly reduced.

3. Energy efficiency

Compared to many other light bulbs, LED light bulbs are much more energy efficient, requiring less energy to produce light. LED light bulbs convert 95% of their energy into light, wasting only 5%, which is converted into heat. With less energy required, it can also mean for a lower monthly energy bill, helping you save money over the long term.

4. Variation

Whereas standard light bulbs generally produce the same light, LED light bulbs come in a variety of different options and shades. With a greater range of colours available, it means that a bulb can be customised to a specific room and the ambience you want to create.

C&D Electrical have a wealth of experience in sourcing the right lighting solution that adds ambience to your project but also meets your needs in relation to efficiency, sustainability and aesthetics.