Article published on March 6th 2012 | Home Improvement

LEDs, or light-emitting diodes, are a form of solid-state lighting that is extremely efficient and long-lasting. While incandescent and fluorescent lights consist of filaments in glass bulbs or bulbs that contain gases, LEDs consist of small capsules or lenses in which tiny chips are placed on heat-conducting material.

LEDs measure from 3 to 8 mm long and can be used singly or as part of an array. The small size and low profile of LEDs allow them to be used in spaces that are too small for other lightbulbs. In addition, because LEDs give off light in a specific direction, they are more efficient in application than incandescent and fluorescent bulbs, which waste energy by emitting light in all directions.

The Benefits of LED Lighting:

The many benefits of LED lights have been lauded for years and have resulted in thousands of people converting from the old candescent bulb to LED lights. In fact, people rarely use calescent and fluorescent lighting anymore because one of the benefits of LED lights is that they can transmit bright and very high intensity light. For this reason they have been found useful to light up areas both indoors and outdoors, and are available in dimmable lights, strip lighting and module lighting, among others. There is sure to be LED lighting to suit your requirements, while simultaneously offering its myriad benefits.

Another important benefit of LED lights is that they are considerably more durable than glass candescent or fluorescent bulbs that can break and injure people. While other outdoor wall lights forms are made using toxic chemicals and so on, LED lights do not. And while other bulbs may overheat and cause their glass casing to shatter and the mercury to leak out, LED lights contain none of these chemicals. Furthermore LED lights have been developed to decrease the amount of heat generated, and that many varieties are waterproof so that they can be used outdoors.

Other benefits of LED lights include the fact that one bulb offers around 50 000 hoursâ€™ worth of lighting and uses about ten times less energy than a regular candescent bulb. Between the long life of the bulbs as well as the reduced energy usage, it is easy to see why many people are opting to pay the extra money and invest in outdoor ceiling lights instead of regularly replacing cheaper candescent bulbs.

Article Source:
http://www.articleside.com/home-improvement-articles/why-led-lighting-is-like-or-preferred-to-candescent-bulbs.htm - Article Side

Loy Jacobs - About Author:
For get more information about a LED lighting, a outdoor wall lights and a outdoor ceiling lights, Please visits our website.

Article Keywords:
led lighting, outdoor wall lights, outdoor ceiling lights

You can find more free articles on Article Side. Sign up today and share your knowledge to the community! It is completely FREE!