

## **VIRIBRIGHT Features and Benefits tech note**

The benefits of LED Lighting are endless. LED lighting solutions offer greater energy efficient solutions; they are cost effective, durable, reliable and more. As the latest technology in lighting, they offer a great alternative in replacing your current halogen, fluorescent and other lights.

In today's market, LEDs account for approximately 2% of the overall lighting market. Given the market sentiment for energy awareness and energy price sensitivity, growth in the LED lighting industry has been evolving at a substantial rate.

As traditional, more inefficient lighting products are phased out and it is now recognized that CFL and fluorescent based light bulbs are not only bad for the environment but studies have shown they can be detrimental to your health. Fluorescent Technology Contains Poisonous Mercury thus not a green solution CFL Lamps are not well liked but WERE the only energy savings alternative to incandescent.

LEDs are more energy efficient than other conventional lighting products for two reasons. First, they require less energy to operate than incandescent and fluorescent bulbs. And second, they produce more light per watt than incandescent bulbs. In a world of rising energy cost and green conscientious citizens, increased efficiency equates to lower energy costs and less environmental damage.

Some of the key features and benefits of using VIRIBRIGHT LED fixtures are:

<b>FEATURES</b>	<b>BENEFITS</b>
Energy Efficient	Reduced power running costs
Low heat Emission	Safe to touch, reduce energy loads on cooling systems
Long Life Span	Substantial cost saving over time. Less frequent changing of globes (up to 10 times as long)
Improved Durability	Can be handled easily. Not as fragile as glass.
Compact Size	Can retro fit in most applications
Fast Switching	No warm up time or power off time
Safety	Low heat, safe to touch. Reduces any burn risk.
Environmentally Friendly	No mercury and can be disposed safely, safe for families.
Very Even light output	No colour rings of different light (halotations) Even all around due to a patented technology.
Dimmable options	Can be dimmed for aesthetic and power saving options
Consistent Colour temperatures	Patented technology ensures the Viribright colour temperatures are consistent and even