

## SMART LITE™

"The Smart Compact Fluorescent Lamp (CFL) "

**Greenhouse Effect** and **Energy Savings** are the two major topics in the 21st century

The CFL saves up to 2000 times its own weight in greenhouse gases and has made a great impact reducing electrical bills.

A quality CFL that is currently available in the market may last between 6,000 to 8,000 hours and has an efficiency of about 40 lumens per watt in converting electricity into light. But the expensive electronic Ballast base has a life many times more than the luminary Bulb portion. When eventually this bulb portion burns-out then the whole CFL including the expensive Ballast is discarded, because the bulb and the ballast have been manufactured as one piece. Throwing away this " Still Good " expensive ballast is similar to throwing away the money into a waste basket.



## INTRODUCING THE SMART LITE™

In our proprietary Smart Lite™ the ballast and the bulb can be separated and put together in just a second or two. This is a simple 'Insert & Twist' operation.



The Smart Lite™ has an efficiency of 65 lumens per watt. That is 62.5% improvement from the existing CFLs. The Smart CFL ballast has a minimum of 40,000 Hours life. This means, it will take 5 Smart Lite bulbs, each having a life of 8,000 Hours.

Due to the substantial increase in the efficiency of Smart Lite™, the savings to the end user is remarkable. In addition, after the Spiral bulb burns – out, there is no need to discard the expensive electronic ballast which has still thousands of hours of life left. This saves raw material, energy used in making the ballast, and land fill problems. The Smart Lite™ is truly a "Green Light".

## INVENTOR'S INFORMATION

**Shaam P. Sundhar** is a former Professor in Electrical Engineering for 30 + years. He has invented and Patented 11 unique products so far. Many are pending. He used to sell his inventions to entrepreneurs/Companies and help them in mass manufacturing. Millions of items manufactured under his patented/patent pending inventions are sold in the USA. Magic Socket, compressorless fridges are some of the success stories. He has extensive experience in mass production with manufacturing facilities in India and China.

**Dr. T.R. Shantha MD, PhD, FACA** is a distinguished scientist, Physician and Inventor for 4 + decades. He is the author of more than 125 original peer reviewed research papers (including 7 articles in Nature, Science, and New England Journal of Medicine, WHO bulletin, Amer J Physiology etc.), and 6 books. He is the owner of 3 patents (two of them for Alzheimer's, pain and Parkinson's & SIDS etc) and many more are in developmental stage. Dr. Shantha has been a Medical Director Southeastern Pain Institute, (SEPI), Yerkes Regional Primate Research Center of Emory U; Clinical Professor, Medical College of Georgia; Associate Prof. Emory University School of Medicine, and Associate Chairman, Department of Anesthesia, Georgia Baptist Medical Center (now Atlanta Medical Center), of Atlanta, GA 30312. Dr. Shantha was nominated for a Nobel Prize in Physiology/Medicine and recipient of distinguished Physician award.