

Futek Egyptian Micro Electronics

The Energy Saving Co. Of Egypt

- Egypt electricity consumption have reach > 80000 Million of kW/h during 2003/2004 with an annual average growth rate of 7.2 % during past 5 years that expected to continue with same growth ratio in the coming future years .

To insure sustainable development and to avoid unnecessary needed investments to cover expected consumption needs, **lighting efficiency projects is the answer.**

- Lighting is directly affects our life, environment and economy. As a nation, we spend about **one third of our electricity budget on lighting.** . Yet much of this expense is unnecessary.
- Technologies developed during the past 10 years can help us cut lighting costs up to 80% while enhancing lighting quality and reducing environmental impacts.
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- Compact Fluorescent Lamps (CFL) are the best choice for lighting efficiency, but??
- Are all CFL similar??
- What is the difference between HPF and LPF CFL??
- What will happen if all Egypt will use LPF CFL and what when use HPF ??
- What fields of lighting new CFL will cover??
- FUTEK EGYPTIAN MICRO ELECTRONICS president Dr. Mohammed Helal will take audience in a tour about how CFL of HPF and high performance will make a difference, the demonstration will include a life computer comparison analysis between present used technology and Futek suggested Egypt made Technology to show what difference in real life can do the new High Power Factor technology for lighting efficiency and what is the cost we will pay when not implement this technology during the coming 15 years ..
- Dr. Helal will recommend needed national standards that meet future energy requirements for lighting industry that need to be enforced to insure sustainable energy development.