

## **INTRODUCTION**

World over 25% of electricity generated is used for artificial lighting. As we know energy saved is better than energy generated. Hence **KWIKLITE** the ideal power saver is your choice to better efficiency in any form of lighting. Be it fluorescent tube, Metal Halide, Sodium Vapour, Halogen, Compact Fluorescent lamps.

**PREMIER COMBINES** was set up as an organisation to manufacture electronic products, with modest beginnings in Chennai (at that time called Madras), Tamilnadu, India, in 1984. The manufactured items encompassed high frequency electronic ballasts for Fluorescent Tube lights, Compact Fluorescent lamps, High Pressure Mercury Vapour, High Pressure Sodium Vapour and Metal Halide lamps, electronic transformers for Halogen Lamps, electronic drivers for Neon lamps/lights etc., where power saving and high reliability, were of utmost importance.

Since its inception, the unit has been engaged in the manufacture of electronic ballasts under the brand name **KWIKLITE** and is one of the leading players in India for all types of electronic control gear used in lighting. **KWIKLITE** pioneered the use of electronic ballasts in railway coaches and today rolling STOCK application using these electronic ballasts, is quite substantial in India. **KWIKLITE** is approved by the Research Design Standards Organisation, (RDSO) at Lucknow and is accepted as an excellent and well designed product by the Indian Railways, for 110V DC and 110V AC, driving 18W / 20W Fluorescent Tube Lights and Compact Fluorescent Lamps.

Some of the esteemed customers of **PREMIER COMBINES**, include the Indian Railways, Satyam Computers, Tata Consultancy Services, HCL, the American Embassy – Delhi, the American Embassy – Amman, Wheels India Ltd., Thorn Lighting (I) P. Ltd.,

Baliga Lighting Equipment Ltd., NMDC, HCL, Atomic Energy, etc.etc.. Our list of customers, with installation points who are satisfied, and actual users of the various Kwiklite products, is quite long and is available at this website. It is noteworthy that there are more than 800,000 Kwiklite electronic ballasts in use throughout India and elsewhere in the world, saving precious energy for the future.

**PREMIER COMBINES**, has now paved the way for users in India, to seriously consider energy saving electronic control gear for all types of lighting. It is now a brand name to reckon with, and has slowly but surely become a leading manufacturer in this field. It is now engaged in the process of consolidating its **MARKET** share in India and expanding its exports to other countries, further.

The organisation with a view to increasing its brand consciousness and **MARKETING** base, has decided to streamline its design and manufacturing processes, by installing work practices of excellence, in all its areas. As a first step in this direction of uniformity and quality policy, the production unit has been following the ISO 9001 (2000) plan and has since been awarded certification by no one less than the British Standards Institution.

## ELECTRONIC GEAR FOR FTL, SODIUM VAPOUR & METAL HALIDE LAMPS:



- Available for 12V/20W and 12V/50W bulbs.
- Can withstand even 300V for short duration.
- Used for display lighting in Hospitals and HOTEL lounges, Jewellery show rooms etc.
- Light in weight and very small in size compared to regular transformers.
- Increases life of Halogen Lamps due to better output voltage stability.
- Reduces labour costs as it is a self-contained unit requiring only minimal connections.

## **ADVANTAGES OF LED LIGHT**

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1. **Energy efficient** - LED's are now capable of outputting 135 lumens/watt
2. **Long Lifetime** - 50,000 hours or more if properly engineered
3. **Rugged** - LED's are also called "Solid State Lighting (SSL) as they are made of solid material with no filament or tube or bulb to break
4. **No warm-up period** - LED's light instantly – in nanoseconds
5. **Not affected by cold temperatures** - LED's "like" low temperatures and will startup even in subzero weather
6. **Directional** - With LED's you can direct the light where you want it, thus no light is wasted
7. **Excellent Color Rendering** - LED's do not wash out colors like other light sources such as fluorescents, making them perfect for displays and retail applications
8. **Environmentally friendly** - LED's contain no mercury or other hazardous substances
9. **Controllable** - LED's can be controlled for brightness and color

## **ECONOMY**

- High lumen per watt output – about 100 lumen per watt.
- Reduces Energy consumption
- Long life - 50,000 to 1,00,000 hrs.
- Low maintenance cost.

## **Reliability**

- No glass, No filament.
- Encapsulated in unbreakable high strength optics.

## **Safety**

- Works at low voltages.
- No flames and noxious fumes.
- No ultraviolet radiations and free from mercury.

## **Environmental friendly.**

- Low energy, low power requirement

## **Other benefits**

- Available in different color temperatures.
- Cool White/ Neutral White/ Warm White.
- Small and compact size.
- Turn ON instantly.
- Dimmable and silent operation.

### **SOME OF OUR ESTEEMED CUSTOMERS**

- Indian Railways, (ALL INDIA BASIS)
- Dept of Lighthouses & Light Ships (ALL INDIA BASIS)
- Dept of Space, ISRO - SHAR
- Taj Group of Hotels
- Priya Cement, Penna Cement, Kesoram Cement
- Dr Reddy Labs
- Satyam Computers,
- Tata Consultancy Services,
- HCL,
- BEML
- Mahindra Sathyam
- CMC Vellore
- the American Embassy – Delhi,
- the American Embassy – Amman,
- Wheels India Ltd.,
- Thorn Lighting (I) P. Ltd.,
- Baliga Lighting Equipment Ltd.,
- NMDC,
- Wheels India,
- Pothys,
- Singareni Collieries,etc

## Comparison



