

50 Years of Elcoma

June 29, 2020

ELECTRIC LAMP & COMPONENT MANUFACTURERS' ASSOCIATION OF INDIA

DEDICATED TO



The Honourable Mr. Harcharan Singh Mamak
Advisor, ELCOMA (2004-2014)



We remember him for his unstinted service to
lighting industry and ELCOMA

ELCOMA is Born



29th June, 1970





The ELCOMA Story

On 29th June, 1970, the Electric Lamps and Components Manufacturers in India founded “Electric Lamp and Component Manufacturers Association of India” (ELCOMA), representing the entire lighting industry. The main purpose that the founding members had in mind was to establish liaison with government bodies and to support each other in matters connected with lighting industry.

In its early years, ELCOMA successfully drew attention of the government to the difficulties faced by the members and highlighted development in new light sources and energy saving solutions to the customers.

During the 1980's and 1990's extensive development and introduction of various types of energy saving lamps offered wide range of choice to the customers and offered indigenously manufactured lamps for all type of applications, thereby saving precious foreign exchange when the country needed it most.

ELCOMA can be proud of the fact that in spite of inflation, energy price increases and other prices rises, the price of lighting products have become more cost effective. With the success achieved by the Association, new entrants to the lighting industry from organized as well as small sector readily became members and took active interest in the growth and development of the lighting industry.

The prominent founding members were

- Philips India Ltd
- Mysore Lamps Ltd
- Bengal Lamps Ltd
- ELMI, Hind Lamps Ltd
- Toshiba Anand Ltd
- Metal Lamp Caps Ltd
- Auto Lamps Ltd
- Sylvania and Laxman Ltd
- Crompton Greave Ltd
- GE Lighting (India) Ltd
- Surya Roshni Ltd
- VWF Industries Ltd
- Kuber Lighting (P) Ltd
- Punjab Anand Lamp Industries Ltd
- Electric Lamp Manufacturers (I) Ltd
- Phoenix Lamp India Ltd
- Mercury Lighting (P) Ltd

50 Years of Elcoma

Functions and Services of ELCOMA



The main objectives of ELCOMA and its functions and services are:

- To enable manufactures of lamps and components to federate or corporate by becoming members or associates of the Association, either by themselves or their nominees or act as their representatives or spokesmen for such manufacturers.
- To promote and develop co-operation among the manufacturers of electric lamps and other ancillaries and business and to further facilitate the manufacture of products in particular.
- To promote the consideration and discussion of all questions affecting lamp industry and all ancillary and allied trades, and every branch of such trade and to generally watch over and protect the interest of persons engaged in the manufacture of such products.
- To diffuse among its members information on all matters, affecting the lamp manufacturers to print and publish, issue and circulate such papers and periodicals, circulars and other material relevant as may be seen conducive to any of these objects.
- To promote the distribution of products to all consumers throughout India by the members of the Association and with the object of fostering and promoting espritde- corps among the lamp manufacturers in India.
- To collect information and circulate and publish the policies and activities of the Association from time-to-time through pamphlets, circulars, or news bulletins.
- To organize exhibitions, conduct seminars, conferences, symposia, lectures and publish its official bulletin, 'ELCOMA' News Letter and make known to public the activities of the Association.
- To provide to its members statistical information pertaining to lamp industry and keep the members informed regarding latest technical development, quality control and achieve standards and specifications.
- To be in close touch and establish liaison with various institutions and organizations and government bodies connected with the development of Electric Lamp and Component Industry and to carry continuous dialogue with the govt.
- To make representations and to deal with the subjects that affect the Electric Lamps and Component Industry and find ways and means of solving the problems and difficulties relating to subjects like finance, import-export, supply of raw materials, machinery and spares, taxation (all types customs, excise, octroi, sales tax and GST etc), industrial relations, procedural delays, factory enactments, power, transportation etc.
- To carry out such acts as maybe required for the benefit of the industry to upgrade themselves in terms of knowledge/ technology etc.
- To educate and inform the consumer on the developments in the industry and help the nation to save energy and costs through introduction of better products and applications.
- To act as a link between lighting and other industry association in India and worldwide in matters concerning common interest.

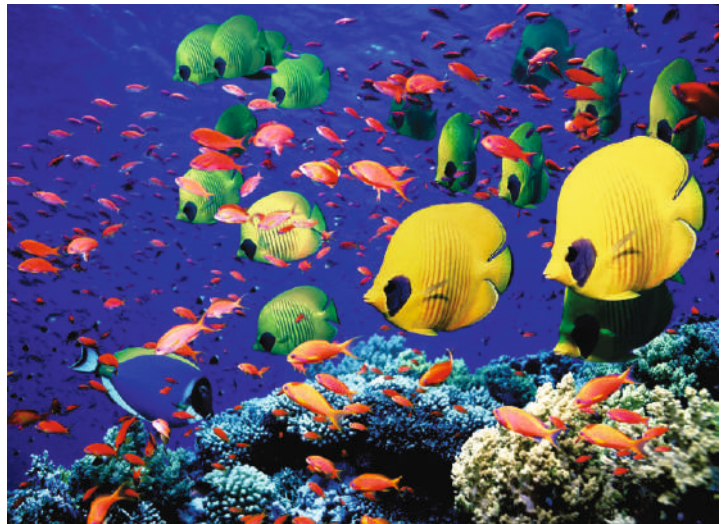


Advent of Light

Light is Life...

Without light, life is not possible; it is likely that, without light, animal and human life would not even exist on Earth.

Light causes flowers to bloom, the colors of marine life to become more enticing and the snows to melt that provide us life-giving waters...





Human beings have been able to harness the power of Light for different applications: from healing and curing humans to growing vegetables in space; from brightening our lives and making each day more productive to transporting data at incredible speeds and laser beams to cut through materials, light is now a part of our daily lives in ways we never thought possible.





Discovery of Light



THOMAS EDISON



GEORGES CLAUDE



GEORGE INMAN



SHUJI NAKAMURA

From the time when the first incandescent lamp was invented more than 140 years ago by **Thomas Edison** and other notable inventors, the bulb remained the 'King of Illumination' for more than 5 decades. Over time, research and innovations continued to improve the bulbs and make it more efficient.

In 1910, Electric Gas Discharge Lamps, called Vapour Lamps, were invented and successfully demonstrated by a French inventor **Georges Claude** using neon gas. Later different versions of this lamp were introduced using argon, krypton, mercury, radium and xenon gases for different applications. The breakthrough came in 1938 when **George Inman** successfully demonstrated a perfect Fluorescent Lamp. This was the most energy efficient lamp ever produced at that time.

Shuji Nakamura invented latest technology in LED as he researched for Blue & White LED. He was accorded with Nobel Prize for his invention.



ELCOMA is One Family



True to the vision of the founding members, ELCOMA has been able to bring in an atmosphere of togetherness and feeling of one family within the Indian Lighting Industry.



ELCOMA Arranges



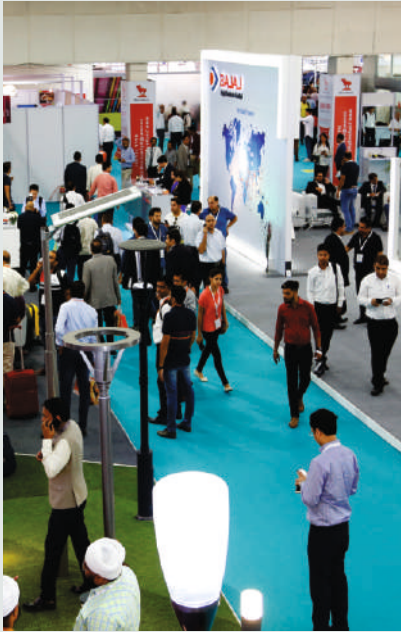
Conferences





ELCOMA Organises

Exhibitions





ELCOMA Shares Knowledge

Technical Training



Technical Training programs are organized for front-end technicians. These programs lead to better product installation, care and maintenance.

ELCOMA Trains



Safety and Security



ELCOMA conducts programs on factory and worker safety which translate to better working environment and better quality parameters at the workplace and manufacturing units.



ELCOMA Disseminates Information

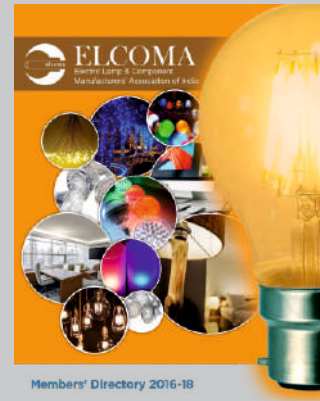
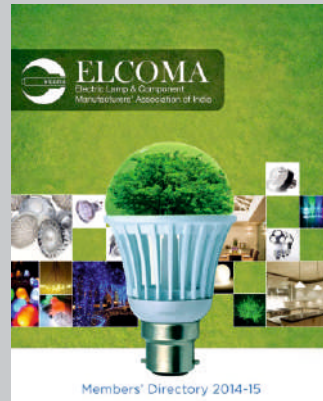
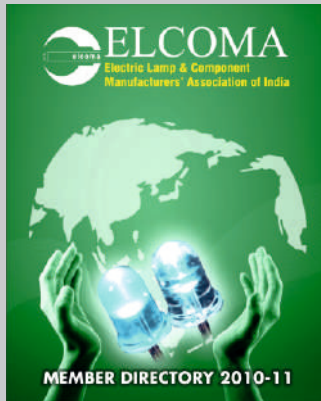
Magazine



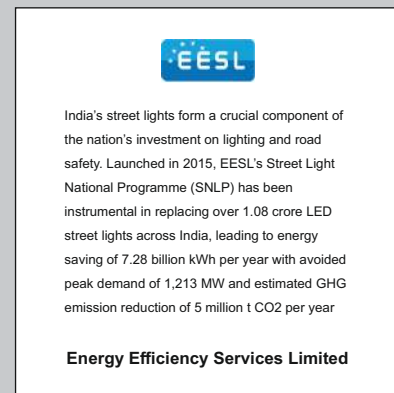
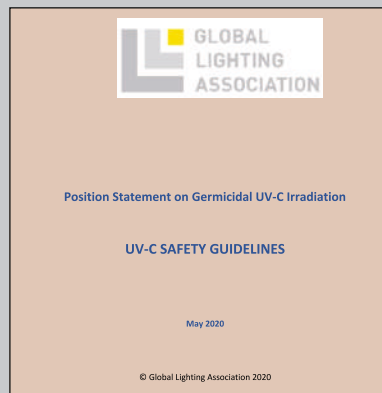
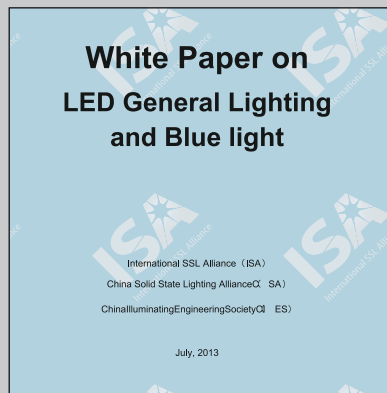
ELCOMA Publishes



Directory



Reports





ELCOMA HALL OF FAME



A.D. Kulkarni
President (2003-04)



V.R. Mujumdar
Vice President
(2003-2004)
Treasure (2004)



Vineet Agrawal
Treasurers (2003-04)
Vice President (2005-06)
President (2007-08)



Rajiv Prasad
Treasurer (2009)



R. Nandakishore
Treasurer (2007-08)



Sunil Sikka
Vice President (2009)
President (2010)
Vice President (2014)
President (2015)



Rakesh Zutshi
Treasurer (2014)
Vice President (2015)
President (2016-17)



Raju Bista
Treasurer (2015)
Vice President (2016-17)
President (2018-20)



Nirupam Sahay
Vice President (2013)
President (2014)



Arun Gupta
Treasurer (2013)



Sunil Vachani
Treasurer (2016)
Treasurer (2017)



ELCOMA HALL OF FAME



Shekhar Bajaj
President (2004)



Gagan Mehra
Vice President (2004)
President (2005-06)



H.R. Gupta
Treasurer (2005-06)



Manoj Verma
Vice President (2007-08)
President (2009)
Vice President (2012)
President (2013)



Rajeev Chopra
Vice President (2010)
President (2011)



C.G.S. Mani
Treasurer (2010)
Vice President (2011)
President (2012)



Arvind Bansal
Treasurer (2011)



Dilip Basole
Treasurer (2012)



Sumit Padmakar Joshi
Vice President (2018-20)



Avinder Singh
Treasurer (2018-20)



Shyam Sujan
Secretary General,
Elcoma (2004-till date)

We regret that since we do not have records prior to 2003, we are not able to cover all the office bearers since the inception of ELCOMA i.e. 1970 till 2002



ELCOMA Lights up India



Qutub Minar by Signify



Golden Temple by Osram



Bogibeel Bridge by Bajaj Electricals

ELCOMA members have been designing and implementing world-class lighting designs for various buildings and projects in India which have been appreciated globally. Several ELCOMA members have received International awards for their lighting solutions



Leh Palace by Surya Roshni



Rashtrapati Bhavan by Signify



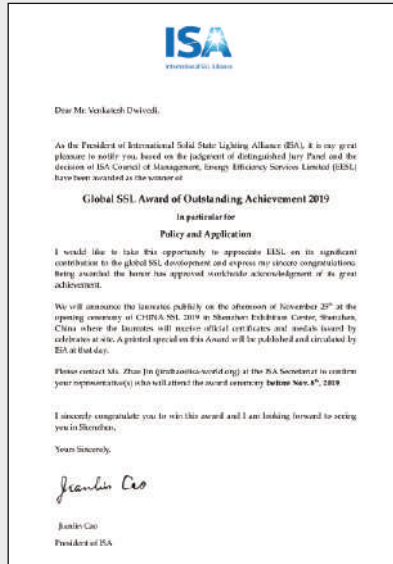
Pupukhta Sahib by Jaquar Lighting



Parliament House by Signify



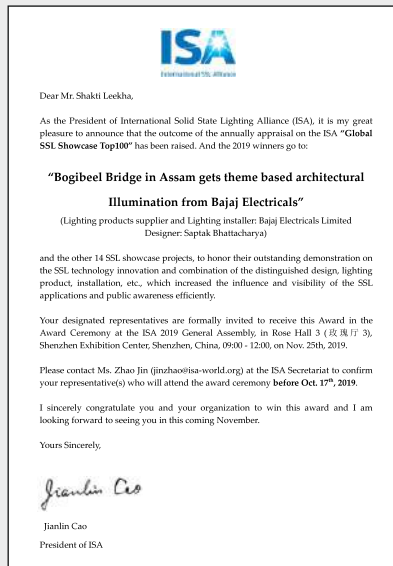
ISA International Lighting Awards 2019



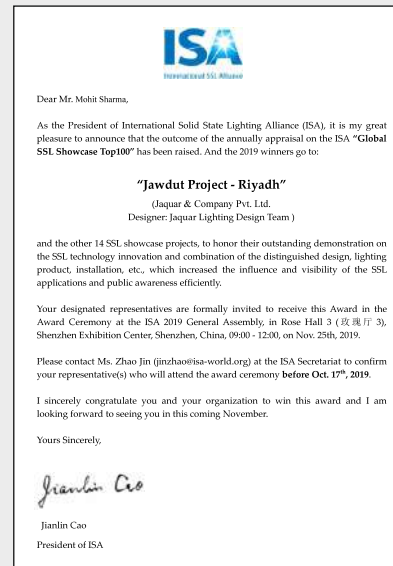
Energy Efficiency Services Limited



Osram Lighting Power Limited



Bajaj Electricals



Jaquar & Company Privaye Limited

ELCOMA Promotes Standardization in Products



Creating Standards for Indian Conditions

Due to tough Indian environmental conditions, ELCOMA has been spearheading the initiative of localizing all Indian Lighting Standards along with the Bureau of Indian Standards (BIS) and Bureau of Energy Efficiency (BEE)

Indian products have some of the highest specifications in the world and are among the lowest priced too





ELCOMA Builds Relationship with Government

The government has recognized ELCOMA as the apex body of Lighting Manufacturers in India





ENERGY EFFICIENCY SERVICES LIMITED
A JV of PSUs under the Ministry of Power



Launched in 2015, the Unnat Jyoti by Affordable LEDs for All (UJALA), in a short span of three years, has emerged as the world's largest domestic lighting programme. Developed to address India's high cost of electrification and high emissions from inefficient lighting, UJALA's success lies in its inimitable strategic approach to energy efficiency.

The company's innovative business model obviates the need for DISCOMs to invest in the upfront cost of energy efficient appliances. EESL procures the appliances and provides them to consumers at a rate of Rs. 70/ LED bulb, Rs. 290/ LED tube light and Rs. 1,110/ fan respectively, which are much below the market price.

Going forward, the company aims to distribute 77 crore LEDs by March 2019 across 100 cities. The UJALA scheme will thus, make an enormous impact by securing: annual energy savings of 10,000 crore kWh, 79 crore tonnes of reduction in CO2 emissions per year and avoid capacity generation of nearly 20,000 MW.

ENERGY EFFICIENCY SERVICES LIMITED
A JV of PSUs under the Ministry of Power



Launched in 2015, EESL's Street Light National Programme (SNLP) has been instrumental in replacing over 50 lakh street lights in over 500 cities in India, leading to 135 crore kWh of energy savings and cost saving of INR 742 crore every year.

These "smart lights" are connected through a web-based monitoring system that enables remote operations and additional operational savings.

A seven-year contract with the local bodies guarantees a minimum energy saving of typically 50% and provides free replacements and maintenance of lights at no additional cost to the civic partners.

**ELCOMA
mandate was to
interface with
government to
resolve various
issues faced by
manufacturers
in India, and find
solution to ever
increasing
power demand.**



ELCOMA Promotes

International Relationships



ELCOMA's presence in various countries, providing in depth information about Indian Lighting Industry has proved fruitful and as a result many members have built good international business relationships, learnt new technologies and applied various schemes and systems for bringing in energy efficiency to India.



Invites Delegates to Visit India



GLOBAL LIGHTING ASSOCIATION



- Shares knowledge on global trends as well as legislative and regulatory developments and opportunities in lighting
- Shares information on the activities of individual association
- Anticipates and initiates policies and actions in areas of common interest
- Provides governments with relevant product and market information

International Solid State Lighting Alliance



- ISA Technical Committee on Standardization
- Global SSL Industry Reports
- International/Regional Cooperation on SSL
- Global SSL Awards
- ISA-ECC Smart Street Lighting System Specialized Committee
- Global SSL Forums and Training Workshops

International relations have been at the peak in last so many years. ELCOMA is on the board of various International bodies like International Solid State Lighting Alliance (ISA), Global Lighting Association (GLA), UNEP etc

International Alliances



ELCOMA is Environment Friendly

Pilot Program for Safe Disposal of CFL Bulbs and Tubes in Delhi, Mumbai and Goa

Support provided by ELCOMA at RWAs for Safe Disposal of CFLs and FTLs

- Break-Safe and spill-proof Bags placed at all RWAs which were supplied by Signify Innovation (formerly known as Philips Lighting India Limited)
- Banners displayed at various points at each RWA
- T-shirts worn by all staff "I Support CFL Safe Disposal Program" provided by Surya Roshni
- Official circular sent to all homes of each RWA
- newspaper inserts at 2 lakh households
- All used lamps dropped in the boxes were collected and delivered to authorized safe disposal agency





ELCOMA Promotes New Technology



CFL



LED Lamps



Intelligent Lighting

It has been priority of ELCOMA and the Indian Lighting Industry to bring in latest technology products for consumers. Various workshops and conferences have been organized from time to time where not only ELCOMA members but many stake holders from government departments, BIS and even internationally renowned experts have joined as delegates, to impart their knowledge to the participants

AND NOW LI-FI...



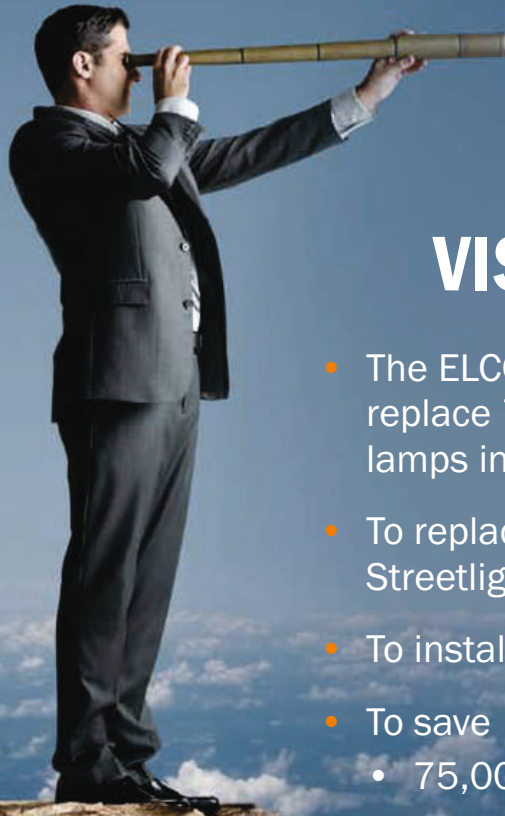
Li-Fi

Li-Fi (or Light Fidelity) is a wireless communication system and technology that is capable of transmitting data at high speeds over the visible light, ultraviolet, and infrared spectrums using the modulation of light intensity to transmit data.

Li-Fi can theoretically transmit at speeds of up to 100 Gbit/s and the capability to change our lives beyond communications in the future.



ELCOMA Defines Future of LED Lighting



VISION 2020

- The ELCOMA vision launched to replace 770 million incandescent lamps in next 4 years
- To replace 30 million LED Streetlights
- To install 50 million Downlighters
- To save
 - 75,000 MW power
 - Bring down power consumption in Lighting from 18% to 13%

ELCOMA Promotes “Make in India”



VISION 2022

ELCOMA Vision 2022 aims to...

- Promote lighting manufacturing in India
- Promote manufacturing of at least 80% of components in India by year 2022
- Export 40% of LED Lighting Products that are made in India
- Have own Lighting Excellence Centre



A View of ELCOMA Office



Secretary General Office



Conference Room



Reception



DLF Tower Building



Work Station



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We are very thankful to all ELCOMA members without whose support ELCOMA would not have completed 50 years.

It's the love and friendship among all the members that adhered ELCOMA as one family.

We are also thankful to various ministries in Govt of India who extended full support.

We also thank our various suppliers service providers and Messe Frankfurt our partner for Light India Exhibition

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MEMBERS OF BOARD



Raju Bista
PRESIDENT



Sumit Padmakar Joshi
VICE PRESIDENT



Avinder Singh
TREASURER



Sunil Sikka
ADVISOR



Shyam Sujan
Secretary General

ELCOMA - Serving the Lighting Industry for many years to come

