

# CONSTRUCTION & ARCHITECTURE UPDATE

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PRODUCT LINE | Sharmila Kumbhat, K-Lite Industries

**K-lite has broken into international markets, progressed tremendously and the company's turnover has increased by more than four hundred percent under her directorship.**

Sharmila Kumbhat, Director, K-Lite Industries, Chennai started her professional career at the early age of sixteen in a grill manufacturing unit "Metal Craft" supporting her father Mr. Dilip Kumbhat. At the age of nineteen she won "Best Female Entrepreneur Award" presented to her by the Chief minister of Tamil Nadu. Later, she studied in U.S., Parsons School of Design in New York. Widely travelled around the world and gained further experience and understanding from different cultures; which continuously influenced her design and business acumen. While living in the United States, she started and ran two very successful export oriented companies. Due to her urge to come home in order to be more directly involved in homeland, coupled



Sharmila Kumbhat  
Director, K-Lite Industries

various portfolios. The range is all the more very special because of the light source - we, energy saving, environment friendly "green" lighting with LED. The application with innovative design using LED includes retail lighting, office lighting, consumer luminaires, architectural lighting, facade lighting, outdoor lighting, in-ground luminaires, tree-uplighting, up-down lighting, billboard lighting, vertical light bars, wall washers, area lighting poles and above all, street lighting with sleek pole lighting solutions, an instant hit. The creative and innovative designs are there to see for yourselves in our outdoor luminaires.

The range of outdoor luminaires are very popular and extensively used in many prestigious locations throughout the country. Street Lighting at Amritsar Golden Temple Complex, Varanasi City, Chandigarh- Mohali Highway etc., are standing proof of our outstanding outdoor lighting projects. K-LITE has the expertise to manufacture "custom built" luminaires. Almost since inception we are closely associated with the Indian Railways, catering to their wide range of luminaire requirements. Proximity of Indian Railway's most prestigious Passenger Coach Building Unit, Integral Coach Factory, and our capability to manufacture and test the custom-built luminaires enabled K-Lite to be in the forefront of their developmental activities and cater to the specially designed luminaire requirements of prestigious Rajdhani Express, Shatabdi Express, "Palace on Wheels" EMUs, Jaipur Metro, Delhi Metro, Bangalore Metro and above all the latest Kolkata-Metro and Sri Lanka Metro coaches.

Globally, lighting as an industry is growing at an alarming pace with projected value of around 2000 million USD. The coming decade is going to witness phenomenal changes in the field of lighting. The last decade thrust was energy saving measures, which gave rise to the LED lighting to replace all other conventional lighting. Application of solid state devices as a source of lighting has given way to new concepts in lighting control and automation. In such a context, automation in lighting is a major thrust area for the lighting designers as well as manufacturers/ traders. The order of the day is smart (green) concept in every field viz., smart home, smart city, smart pole, smart lighting, etc., With regard to lighting, Smart lighting technology may include high efficiency fixtures and automated controls that make adjustments based on conditions such as occupancy or daylight availability through lighting control system with an intelligent networked system of devices. These devices may include relays, occupancy sensor, photocells, light control switches or touchscreens, and signals from other building systems.

In 1977 K-LITE began a long journey of innovation in lighting products, chasing the dream of light. Light allows us to realize the possibilities of our imagination. The quality of light influences the quality of life and it is clear that light must combine technique and emotions contemporaneously, defying new values, meanings, feelings, culture, comfort etc., overcoming the simple light - dark dichotomy. K-Lite, through their innovative outlook, have showcased a whole range of new products under



GMADA Golden Temple, Amritsar

**K-LITE**  
ARCHITECTURAL  
LIGHTING

India's Lighting Company

EFFICIENT

SUSTAINABLE

FUNCTIONAL

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