

Polar Lighting Poles



SHARMILA KUMBHAT
Director, K-Lite Industries Pvt. Ltd.

The 'K-LITE' Surface Mounted Polar Lighting Pole, integrated with an LED Lighting Module, is an exclusive choice of designers for city beautification projects, offering both functionality and architectural appeal. It is available in a complete range of contemporary designs including Single Arm, Double Arm, L-Arm, V-Arm, Square Arm, and Parallel Arm configurations.

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The pole is engineered to withstand adverse environmental conditions. Its sections are precisely welded using special grooving techniques and high-end MIG welding processes to ensure strength and durability. The control box is integral, featuring a built-in service door with a locking arrangement and safety chain. The mild steel pole is coated with an epoxy zinc phosphate primer and finished with an environmentally stable polyurethane-based paint. Each pole is supplied with the necessary foundation hardware suitable for normal soil conditions.

The Polar Lighting Pole arms are integrated with an LED modular lighting system, classified under the green lighting category for its environmental friendliness. The LED lighting modules deliver higher lumen output with lower power consumption. Each module is IP68 protected, developed after extensive research to meet diverse illumination requirements for urban spaces.

The LED driver design ensures a harmonic distortion level not exceeding 10%, a power factor greater than 0.9, and built-in surge protection. Each LED module is individually rated at 60 watts. The control gear tray, pre-wired with terminal connectors, MCB, and loop-in loop-out arrangement, is housed within the control box integral to the pole.



Architectural Lighting

K-LITE INDUSTRIES, an ISO-certified company and a leading manufacturer of indoor and outdoor luminaires, has launched a new series of LED Architectural Lighting. As trendsetters in outdoor lighting and inspired by the "Make in India" vision, K-LITE continues to redefine innovation through its latest product portfolio under the Architectural Lighting category.

The comprehensive range of applications includes

- Facade Lighting
- Pathway Lighting
- In-ground Luminaires
- Up-Down Lighting
- Billboard Lighting
- Vertical Light Bars
- Wall Washers
- Area Lighting Poles

and the highly popular Sleek Polar Lighting Solutions. Each solution is backed by K-LITE's extensive understanding of urban illumination and expertise gained over three decades. The fixtures are designed

to deliver value-driven technology ideally suited for Indian conditions. The LEDs used in these luminaires comply with LM-80 testing standards and are sourced from internationally reputed brands such as Nichia and CREE. All luminaires are compliant with RoHS, LM-79, and CE certifications.

With a luminaire efficacy exceeding 100 lumens per watt, the products ensure superior performance and energy efficiency. A variety of optical distributions and Correlated Colour Temperature (CCT) options—Cool White, Neutral White, and Warm White—are available to meet specific lighting design requirements.

The standout feature of this series, the Sleek Polar Lighting Solution, showcases a contemporary design that is both timeless and distinctive. Compact in form, with no visible mounting elements, and offering optimized integration, the Polar Lighting seamlessly aligns with the geometric lines of the square column. These assemblies are ideal for enhancing the aesthetics of modern architectural environments.

