

THE BRAND
THAT GAINED
THE GREAT VALUE

EP FEATURE
LED LIGHTING

Polar Lighting Poles



'K-LITE' surface mounted Polar Lighting Pole, integrated with LED Lighting Module is an exclusive choice of designers for city beautification lighting blended with architectural appeal. It is designed for a complete range of contemporary designs with single arm, double arm, L-arm, V-Arm, Square arm and Parallel arm.

The pole is engineered to meet the adverse conditions and the pole sections are duly welded using special grooving techniques and high end MIG welding process. The control box is integral and built-in with service door, locking arrangement and safety chain. The MS pole is coated with epoxy zinc phosphate primer and finished using environmentally stable polyurethane based paint. The pole is supplied with necessary foundation hardware for normal soil condition.

The Polar Lighting Pole lighting arms are integrated with the LED modular lighting system, which is environmental friendly under green lighting category. The LED lighting offers more lumens with lesser power consumption. The module is IP 68 protected and the various models were evaluated by an extensive research and understanding of illumination requirements for urban spaces. Choice of drivers for LED takes into consideration the harmonic distortion level (not exceeding 10%) power factor greater than 0.9 and surge protection. The LED modules are individually rated 60 watts. The control gear tray is prewired with terminal connectors, MCB and loop-in loop-out arrangement and located in the control box, integral with the pole.

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LED BOLLARDS

Efficient and cost-effective LED bollards with rotationally symmetrical illumination on ground surfaces. The photometric design of these luminaires is based on LED integrated with K-Lite's precision reflector module. Consistent implementation of a new technological developments combined with the highest technical and structural quality have resulted in these state of art luminaires. These luminaires are characterised by their high luminous efficiency, extremely long service life and the uniform illumination.

These luminaires are available in Ø100 and Ø166 with three different heights to suit the installation site. Their sturdy construction makes them especially suitable for areas where a high level of robustness is required to ensure vandal proof service.

Application: For the illumination of footpaths, entrance areas, driveway, private & public areas, gardens and as well as landscape architecture.

K-Lite Advantages - Powerful Design Powerful Light

- ◆ Extruded aluminium alloy housing through homogenization for durability and thermal management.
- ◆ Stainless Steel hardware used for long life and for easy maintenance.
- ◆ Silicon gasket used for IP ratings and conforming to the safety and reliability requirements of the products.
- ◆ UV stabilized, non yellowing polycarbonate diffusers for better light transmission, vandal resistant.
- ◆ Finished with 60 micron thick polyester based powder coating for uniform deposition and excellent finish.
- ◆ CREE / OSRAM / NICHIA make LEDs, which are internationally recognized brands with higher lumen output are used for better illumination and longevity.

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