

# BUILDERS' FRIEND

The Complete Guide to Sustainable Architecture and Design

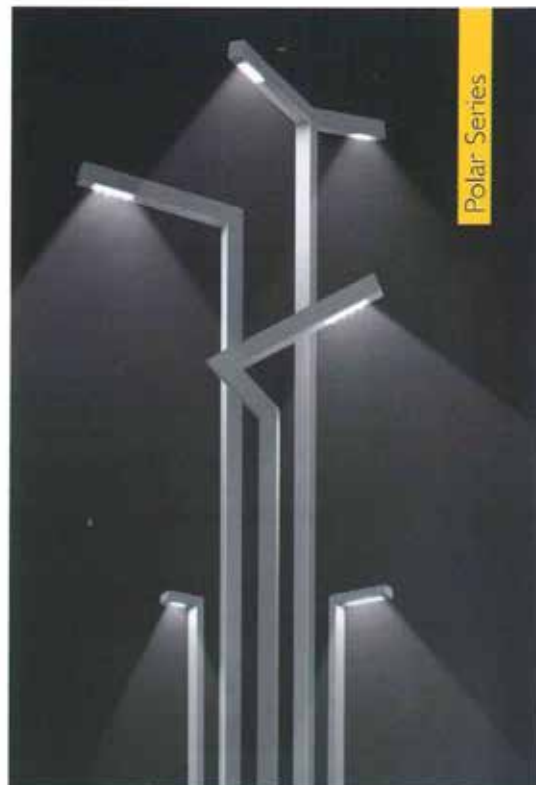
ADVERTORIAL

**K-LITE**

## 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.