

ARCHITECTURE+DESIGN

A N I N D I A N J O U R N A L O F A R C H I T E C T U R E



K-LITE LED BOLLARDS: EFFICIENCY MEETS INNOVATION IN OUTDOOR ILLUMINATION

Durable, energy-efficient, and elegantly designed, K-Lite's LED bollards deliver uniform, high-performance lighting for pathways, landscapes, and urban spaces, redefining outdoor illumination with cutting-edge technology

In modern urban and landscape design, outdoor lighting does more than illuminate—it shapes ambiance, enhances safety, and complements architectural intent. K-Lite's LED bollards embody this philosophy, delivering rotationally symmetrical illumination for even light distribution. Designed with precision reflector modules integrated with advanced LED technology, these luminaires balance performance and energy efficiency, making them ideal for public and private spaces alike.

Engineered for endurance, K-Lite's bollards are available in three diameters—100 mm, 166 mm, and 200 mm—and multiple height variations, offering flexibility for different applications. Their sturdy construction ensures resilience in high-traffic areas while maintaining an elegant aesthetic. Whether lighting pathways, gardens, plazas, or building entrances, they seamlessly integrate into the surroundings, enhancing both



Ajna LED Bollard

functionality and visual appeal. K-Lite's commitment to quality is reflected in its choice of materials and advanced engineering. The extruded aluminum alloy housing provides superior thermal management and durability. UV-

stabilized polycarbonate diffusers prevent yellowing over time, ensuring consistent light transmission. The luminaires are powered by LEDs from industry leaders such as CREE, OSRAM, and NICHIA, known for high lumen output and longevity. A 60-micron-thick polyester-based powder coating enhances weather resistance, making them a reliable choice for long-term outdoor use.

Beyond efficiency and durability, K-Lite's bollards contribute to the visual rhythm of outdoor spaces, creating well-lit environments with a seamless blend of form and function. From public squares and commercial landscapes to private gardens, they offer a refined lighting solution that complements both traditional and contemporary designs.

For those seeking an outdoor lighting solution that prioritises performance without compromising aesthetics, K-Lite's LED bollards stand as a benchmark for innovation, reliability, and design excellence.