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LED LIGHTING

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K-LITE



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Smart City Pole

The concept of smart cities came into being as a consequential development to internet of things (IoT), digital connectivity, global warming and the compelling necessities for energy saving. More than 50% of the world's population lives in cities. A city environment, with a closely knit street light network became a natural choice for a smart city concept, having sensor networks and wireless communications for traffic control, smart parking, noise and air quality monitoring, accident detection, and more. Smart city lights are not stand alone system. They have to be integrated with other systems under what is known as Internet of Things (IoT). Hence the chosen smart city light poles should be able to accommodate a full range of lighting controls compatible to remote control and integral with suitable sensors for the respective application.

In fact, the smart city pole is going to be a service platform for various services

for Network redundancy, application areas such as mobile connectivity (WLAN), traffic control, security camera (CCTV), information transfer, public announcement with loud speakers, smart parking, environmental monitoring and even the electric charger for electric cars etc.

K-Lite proudly announces the introduction of smart city poles (Intelligent poles) with its modular solution, to cater to the above needs in the upcoming smart cities with the salient features as below:

Salient Feature of Smart City Pole

One main pole with one to five modules. Smart column is a multitude of combinations. With flexible modules, the smart column is very handy and flexible for add-on. Choose your combination, add the module, connect them together and the smart column is ready to meet your requirement.

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Architectural Lighting

K-LITE INDUSTRIES an ISO company, manufacturing indoor and outdoor luminaires have launched a new series of LED Architectural Lighting. Being the trend setter in outdoor lighting and inspired by the "Make in India" vision, K-LITE, through their innovative outlook, have showcased an all new product portfolio under Architectural Lighting. The application includes Facade Lighting, Pathway Lighting, In-ground Luminaire, Up-down Lighting, Billboard Lighting, Vertical Light Bars, Wall Washers, Area Lighting poles and above all popular sleek polar lighting solutions.

The solutions offered are backed by creative understanding of illumination in urban spaces and the expertise gained over a period of three decades. The fixtures are designed to provide value technology ideally suited to Indian Conditions. The LEDs used

comply to LM 80 testing requirements and from Internationally reputed makes such as Nichia / CREE. The luminaires are RoHS, LM 79 and CE certification compliant. The luminaire efficacy (lumens/ per watt) is much above 100 for all luminaires. Varied optical options for lighting distribution and correlated colour temperature (CCT) for cool white, neutral white or warm white are available to suit specific requirements.

The outstanding item of the series viz., the Sleek Polar Lighting Solutions is a contemporary design that is both timeless and unique in its impression. Compact without visible mounting equipment and optimised integration, Polar Lighting is in perfect continuity with the geometric lines of the square column. These assemblies are ideal for surroundings of contemporary architectural constructions.



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