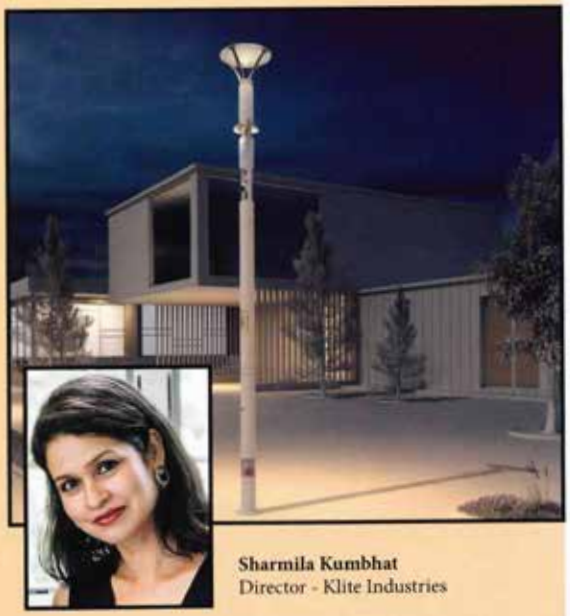
SOURCES & IDEAS TO TRANSFORM YOUR NEXT PROJECT!
SURFACES®
REPORTER
Nov-Dec 2023 • ₹ 250 • India

SURFACES REPORTER® - ADVERTORIAL

SMART POLE 2.0

THE FUTURE OF STREET LIGHTING



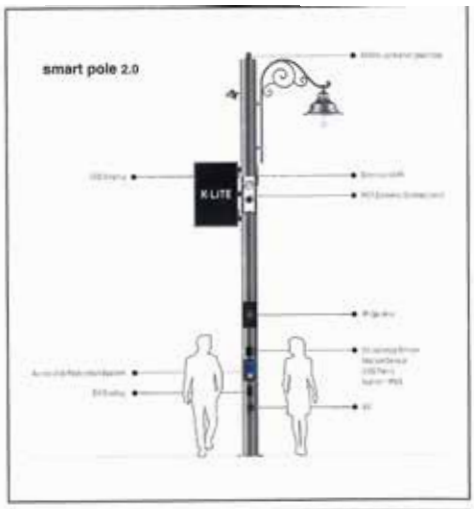
Sharmila Kumbhat
Director - Klite Industries

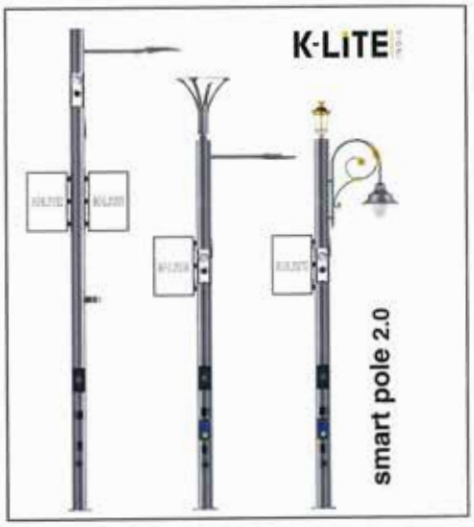
THE CONCEPT

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, hosting sensor networks and wireless communications for traffic control, smart parking, noise and air quality monitoring, incident 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.





SMART CITY POLE

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 has 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.