

A nighttime photograph of a city skyline with illuminated skyscrapers. In the foreground, a road with a yellow center line is visible, flanked by modern streetlights. The scene is captured from an elevated perspective, looking down the road towards the city.

# Smart Street Light

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Total Consumption

6,000 kw/day



Project Duration

4 Years



Project Cost

Rs 9.43 Cr



Project Status

Completed &  
Operational



Date of Completion

08/03/2019



*Before Smart Street Lights Implementation*



*After Smart Street Lights Implementation*

*“To Control the environment impact through traditional public street lightning for current and future inhabitants of city, while being energy and cost efficient”*

### **Project Overview**

To meet these diverse need as part of growing urbanization in Pune City, PSCDCL implemented first of its kind one of the biggest Smart Street Light project in India in a PPP mode, where project is not on fixture to fixture replacement, whereas LUX is to be maintained and no financial burden was on either PSCDCL or on the citizens of the Pune city.

### **Key Features & Benefits**

- LED efficient technology saving upto 60% energy consumption of the city.
- Maintaining 74% saving commitment through energy and maintenance cost.
- 7.2% reduced carbon foot print in the city in the last 3 years.
- Traditional 93370 street lights replaced with highly energy efficient LEDs.
- Total 1,72,000 highly energy efficient Smart LEDs deployed across city.
- All smart street lights centrally controlled through Pune Smart City ICCC.
- Providing safe and happy travel at night.
- 24\*7 citizens grievance assistance through Mobile App and Toll Free number.
- Improved street light quality ensuring safety on roads and across the city.
- Total energy saving of 17,315,480 KwH amounting to Rs. 10.4 Cr. in 1<sup>st</sup> year.