

AC LED STREET LIGHT

Street lighting in most of the towns and cities in India are poor maintained and energy inefficient. There is tremendous potential for the improvement in maintenance practices and for the energy conservation with improved O & M practices and with energy efficient retrofits. NanoBright Solar Technologies PVT Limited –Bright Up LED Lighting gives you a well designed street lighting or public lighting or outdoor lighting should permit users of road at night to move about with the greatest possible safety and comfort so that the traffic capacity of the road at night is as much equal as possible that planned for the daytime. Efficiently designed street lighting enables the driver to see distinctly and drive safely to reach the destination. Generally used HPSV Light will have lighting distribution over-lights the area directly beneath the luminary creating hot spots in order to maintain minimum levels further away. LED luminary maintains minimum light levels across all spacing while significantly increasing overall uniformity.

Comparison Chart: High Pressure Sodium vs. LED Lights



Parameter	HPSV	LED
Electric Performance	Electric Shock Easy (High Voltage)	Safe (Low Voltage)
Working Life	Short (5,000 hours)	Quite Long (>50,000 hours)
Power Consumption	Quite High	Quite Low
Startup Speed	Quite Slow (Over 10 minutes)	Rapid (2 seconds)
Optical Efficiency	Low	High
Color Temperature	Quite Low (Yellow Or Amber , Uncomfortable)	Ideal Color Temperature (Comfortable)
Light Pollution	Strong	No
Environment Pollution	Contains Lead Element Etc.	No
Maintenance Cost	High	Quite Low

Features

- › High efficient LEDs are used with >100lum/Watt
- › Long life >50,000hrs
- › Casing has IP56 Degree Protection
- › Over voltage & over current protection
- › Environmental friendly with no carbon compounds decomposition in Light output

Contact us:

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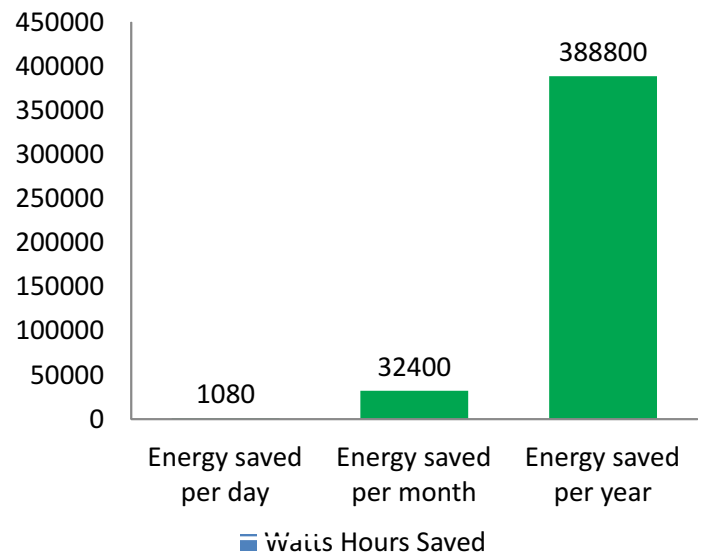
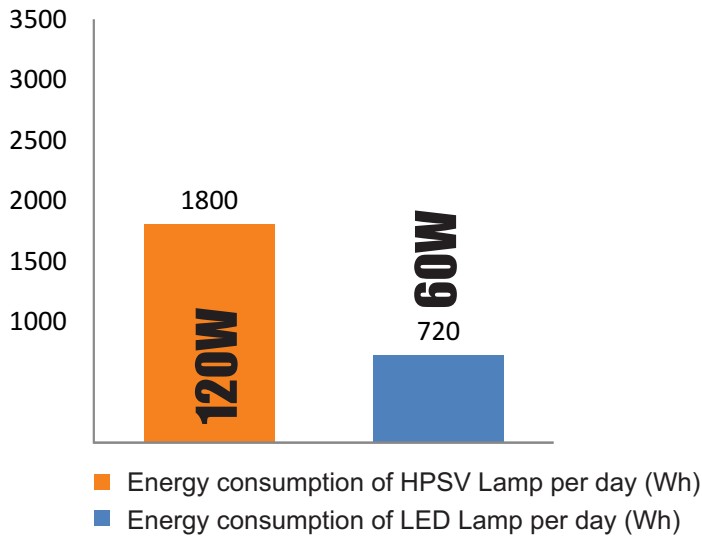
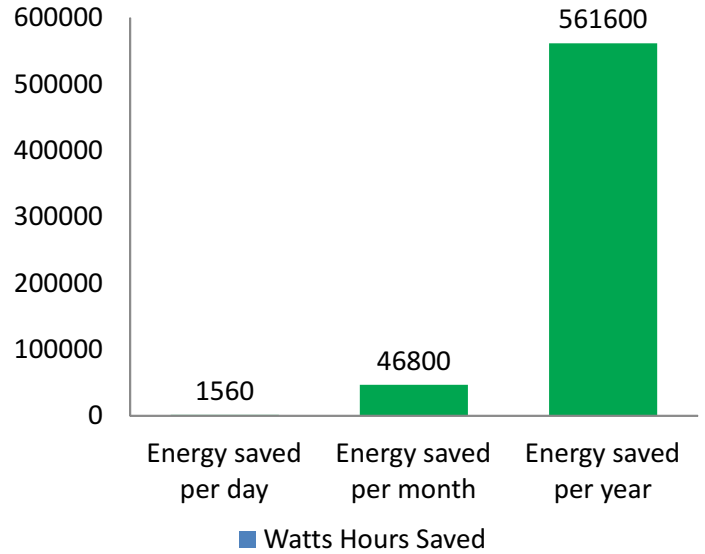
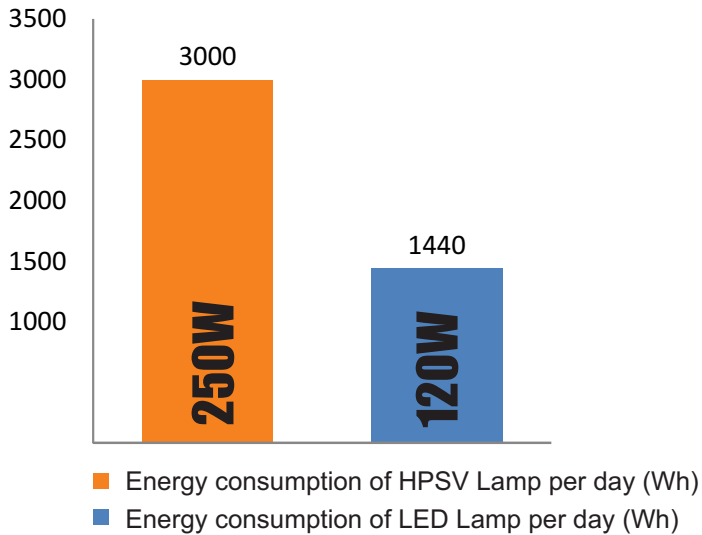
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Note: User specified wattage is also available.

Energy Saving with LED Lamp in comparison with HPSV Lamp



Technical Specifications

	60W LED Luminary	120W LED Luminary
Operating Voltage	AC 120-265V	
Frequency	50 Hz	
LED Power consumption	60W	120W
Efficiency	>100lum/watt	>100lum/watt
Center Luminance	70 lux@4m, 30 lux@6m, 15 lux@8m	130 lux@4m, 60 lux@6m, 30 lux@8m
Lumens Output	>6000 lumens	>120000 lumens
Working Life	>50,000hrs	
Electronics Efficiency	>85%	
Power Consumption for Electronics	<8W	<16W
Working Temperature	-10 to 50 °C	
Light body and Lamp Shade	Aluminum Die-cast Body, glass covering on front end.	
Recommended Mounting Height	6 to 8 meters	