





LED STREET LAMPS

The LED Street lights are just immediate future lighting source & may be the best step in street lighting till date. Other lighting like SODIUM Vapour , METAL HALLIDE, CFL have fancy to work, but have side effects adding Co2emissions. We are keen to deploy and promote LED lighting technology across the full range of municipal infrastructure to:

- * Save energy
- * Protect the environment by reducing GREEN HOUSE GASES
- * Reduce maintenance costs with the maintenance free fittings lasting for more than 10 yrs!!
- * Provide better light quality for improved visibility and safety

STREET LIGHT Ranges :

	<p>Service Street Lamp Item No SSL-XX (XX--> 10 / 20 W)</p>	<p>Voltage:170~260VAC 50/60HZ,PF>0.95, THD<12% 12/24DC options available for solar system Color Options Cool White, Warm White * Beam angle: LED120° IP:65 Lamp Size: 300X110X100 mm</p> <table border="1"> <thead> <tr> <th>Wattage Ranges</th> <th>Lumen</th> <th>Lux/Distance(met)</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>450</td> <td>12/3</td> </tr> <tr> <td>20</td> <td>850</td> <td>25/3</td> </tr> </tbody> </table>	Wattage Ranges	Lumen	Lux/Distance(met)	10	450	12/3	20	850	25/3									
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	<p>Main Street Lamp Item No SL -XXX (XXX--> 045-060-70 090-120W)</p>	<p>Voltage:170~260VAC 50/60HZ ,PF>0.95, THD<12% Color Option Cool White, Warm White * , Beam angle: LED120° IP:65 Lamp Size: 660 X 370 X135mm</p> <table border="1"> <thead> <tr> <th>Wattage Ranges</th> <th>Lumen</th> <th>Lux/Distance(met)</th> </tr> </thead> <tbody> <tr> <td>40</td> <td>2000</td> <td>15/5</td> </tr> <tr> <td>60</td> <td>2700</td> <td>20/5</td> </tr> <tr> <td>70</td> <td>3500</td> <td>27/5</td> </tr> <tr> <td>90</td> <td>4500</td> <td>20/9</td> </tr> <tr> <td>120</td> <td>6000</td> <td>30/9</td> </tr> </tbody> </table>	Wattage Ranges	Lumen	Lux/Distance(met)	40	2000	15/5	60	2700	20/5	70	3500	27/5	90	4500	20/9	120	6000	30/9
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Notes :

- 1 Service Street Lamp is best suited for Solar street light. This can be made available in 12VDC/24DC voltage levels if opted. This helps in reducing Inverter , if solar system is used for lamps directly.
2. Main Street Light - uses T5 enclosure & our best tubes with 5050-545-FL-CP could be replaced in place of 24W CFL with removed sockets. This eliminates socket contact problems. **Retrofitting** is possible using our TUBE element "5050-545-FL-CP"
3. Performance **warranty** of 2 Yrs, with max 270VAC is extended. Extra protections are available if opted for over voltage.
4. Higher wattage lamps are available on request.



Typical Intensity Pattern of 150W street Light

SAMPLE COMPARISON LED Vs HPSV LAMP

Specification	LED Street Light	High Pressure Sodium Vapour (HPSV)	CFL Fittings
Power Source	110VAC- 220VAC	200-260VAC	200-270VAC
Power Consumption	40W	120W	80 W
Working temp	70 Deg C	150-300 deg C	70 -90 Deg C
Lamp Color Temp	2700 to 5500 deg	1950-2250 deg	5000-5500 deg
Life Span	50,000 Hrs	2000 Hrs	1500 Hrs
Maintenance	Nil	Average	Recurrent

Other LED Products:

Office/ Residential Lighting

1. 4 Feet (1200mm) Tubelight , power req 20W , equivalent to 40W FTL
2. 2 Feet (600mm) Tubelight , power req 10W , equivalent to 20W FT
3. 11W False Ceiling fitting equivalent to 18X2 CFL consumption
4. Focus Lamp replacing Halogen 50W ,
5. Wall Lamps available in 2.5 , 5, 11 W consumption, saving 50% comparing CFL
6. Retrofitting of HPSV lamps could be taken up if in quantity to satisfy all specs.