

Technical Specification for LED STREET LIGHT of – 55 Watts

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|-------------------------------------|---|--|
| 1. Input voltage | : | 90 V to 270 V |
| 2. LED lamp efficacy | : | Min 95 to 130 lumens/watt |
| 3. Power factor | : | >0.90 |
| 4. Life expecting | : | 50,000 hours |
| 5. No of hours usage / day | : | 10 to 12 hours/day (Dusk to dawn) |
| 6. Rated watt | : | 55 W (cool white) |
| 7. Luminous flux | : | >5500 lumens |
| 8. Working Humidity | : | 10% to 90% |
| 9. Colour Temperature | : | 4500 to 7000 K |
| 10. Ingress protection | : | IP 65/IP 66 as per IS/IEC60529-2001 |
| 11. Total Harmonic Distortion (THD) | : | < 15% |
| 12. Working Temperature | : | -10° C to 50° C |
| 13. Average lighting / Beam angle | : | 120° to 160° |
| 14. Control Circuit | : | Compatible to LED |
| 15. Lamp starting time | : | Not more than 5 Sec |
| 16. Energy consumption | : | Not more than 1.2 times at rated voltage |
| 17. System power efficiency | : | > 85% |
| 18. Luminary Casing | : | Pressure die cast Aluminum with toughened glass cover and Water proof fixture. |
| 19. LED thermal management | : | LED shall be mounted on heat sink conductive aluminum with fins to dissipate the heat to ambient air. |
| 20. Driver board | : | Details shall be given for getting spare. |
| 21. Pole entry / Retro fitting | : | Suitable for fixing in existing lighting pole (30 mm to 55mm) dia with bracket and locking bolt & nut. |
| 22. Applicable Standard | : | IESNALM 79 for fixture and with stand to wind velocity 150mph. |
| 23. Electrical connector | : | Connecting wires with minimum one meter length. |
| 24. Warranty | : | 2 Years from the date of received at our store. |
| 25. Make | : | Any Reputed ISO Certified Company. |