**CFL T4- Half Spiral-30w-220v**

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| **S/N** | **Performance Parameters** | **Unit** | **Valve** |
| 1. | Supply Voltage | V | 220v |
| 2. | Input Frequency | Hz | 50/60Hz |
| 3. | Input Current | A | 0.231-0.313 |
| 4. | Input Power | W | 30±10% |
| 5. | Output Power | W | 30±10% |
| 6. | Power Factor | - | $$>0.60$$ |
| 7. | Lamp Current Crest Factor | - | $$<2.00$$ |
| 8. | Harmonic Current | - | $$<150\%$$ |
| 9. | Ballast operation frequency | KHz | $>25$ KHz |
| 10. | Luminous Flux | lm | $$>1455$$ |
| 11. | Correlated Color Temperature | K | 6400±5% |
| 12. | Luminous Efficiency | lm/w | $>$57 |
| 13. | Run-up Time to reach 80% 1m | S | $<120$ S |
| 14. | Starting time | S | $<1.5$ S |
| 15. | Color Rendering Index | - | $>$80 |
| 16. | Lumen Depreciation after 2000 Hour | - | $<$ 15% |
| 17. | Operating Temperature Range | $°$C | $0°$C to 55$°$C |
| 18. | Base Material | KHz | B 22 Nickel Plated Aluminum |

**CFL T4-Half Spiral -36w-220v**

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| **S/N** | **Performance Parameters** | **Unit** | **Valve** |
| 1. | Supply Voltage | V | 220v |
| 2. | Input Frequency | Hz | 50/60Hz |
| 3. | Input Current | A | 0.277-0.375 |
| 4. | Input Power | W | 36±10% |
| 5. | Output Power | W | 30±10% |
| 6. | Power Factor | - | $$>0.60$$ |
| 7. | Lamp Current Crest Factor | - | $$<2.00$$ |
| 8. | Harmonic Current | - | $$<150\%$$ |
| 9. | Ballast Operation Frequency | KHz | $>25$ KHz |
| 10. | Luminous Flux | lm | $$>1750$$ |
| 11. | Correlated Color Temperature | K | 6400±5% |
| 12. | Luminous Efficiency | lm/w | $>$57 |
| 13. | Run-up Time to reach 80% 1m | S | $<120$ S |
| 14. | Starting time | S | $<1.5$ S |
| 15. | Color Rendering Index | - | $>$80 |
| 16. | Lumen Depreciation after 2000 Hour | - | $<$ 15% |
| 17. | Operating Temperature Range | $°$C | $0°$C to 55$°$C |
| 18. | Base Material | - | B 22/E27 Nickel Plated Aluminum |