

## The features of T5 energy efficient lighting:

1. T5 series adopt tri-phosphor fluorescent tube, low mercury content, no radiation, green environmental protection.
2. Thinner than T8 tube, much higher luminous efficiency, make more than 40% energy saved under the same luminance
3. Good high temperature performance, can keep high luminance in the condition of 120°C.
4. Work frequency >40kHz, low current crest factor ratio, so the color is soft, no flicker, can eliminate the harm to the eye, authentic healthy lighting products. Specially for hospital, school and other places requiring high quality light.
5. Good color reduction performance, the R value of color rendering index up to above 85, clear and bright in color. Particularly, used for supermarket and shop etc.
6. Preheating function, avoid the black at both ends of lamp, the lamp life improved more than three times.
7. Cut-off technology, the filament current becomes to zero under the normal work, therefore reduce loss, improve light efficiency and prolong the lamp life.
8. High power factor, and able to reduce the current three times around, improve the utilization rate of electrical system and electric network effectively.
9. The THD < 10%, EMC test approved by authority, no pollution to electric network, real green lighting.
10. Able to work under the wide voltage of 150-250V, used in some places where there are larger voltage fluctuation or lower voltage
11. Abnormal circuit protection function, cut off the power supply rapidly when the tube occurs abnormal condition, safe and reliable.