

## What to do if the flashing led light bulb

Led devices are gaining more and more popularity. Using them can create a very good and varied lighting. The technology on which they are collected and the materials from which are constantly improved and become more qualitative. Have a very wide range of positive indicators in all outperform their competitors significantly.

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The design of led lamps is quite simple. Their design includes a metal cap base platform with installed LEDs is the driver responsible for the operation and conversion of current and the protective material was made of plastic.

The principle of operation is very simple. The connection of the cathode and anode separated by a semiconductor starts to emit light. As use special semiconductor materials which are decisive in the quality of emitted light its color and other indicators.

Often after the purchase or in the process of operation with backlight of led bulbs can sometimes be an unpleasant phenomenon. When off or on the light of the led illumination lamp is flashing. And she flashes because of the different fault why this happens and what faults are turning the power off and when working, we will tell you in this article.

Why it happens and rectification of defect lamps. The reason for this phenomenon is when the led light flashes when the current is switched off, is faulty wiring or a switch with light.

Both reasons have the same consequences they miss the slight pulse that recharges the starter and led light blinking. The light after the power supply turns on for a split second and fades away due to lack of current to run. Very often the device behave properly in the off state.

How do you solve a problem when off the led flashes

It will add the necessary resistance that will prevent the passage of random pulses to the led bulb. Connect it directly near the bulb or install near the breaker.

It is best to close the resistor with heat shrink tubing so you'll do the insulation and secure the connection.

Also one of the fairly simple option is to replace one light bulb which is closest to the point input voltage on incandescent bulbs. It will pick up all the pulses themselves and prevent blinking.

The following solution to make the backlight independent of the switch. Podsvetchnogo diode must be connected to the network directly. In this case, it will shine constantly and consume insignificant amount of power when in the off state.

To solve problems with poor wiring, you should check all connections. It is best to find everything possible on this line and rewiring it well.

In the case when none of the listed solutions do not resolve the problem flashing when switched off, the voltage should be sought to the pass of the electricity in the wires but it's pretty difficult to do.

Very common cause is the installation error of the switch. The gap set at zero that is absolutely not acceptable. Then shutdown may not stop the light bulbs and led flash the device so as to be constantly recharged.

#### Layout of capacitor

If the room where you placed the led light bulb that flashes too high humidity in the wiring can occur parasitic current pulses. Unlikely but still possible the flashing lights off when there are nearby sources of strong electromagnetic waves such as radio stations, mobile towers and others.

If after turning on the lamps they light up for a few seconds and off then most likely in the starting mechanism. He can not cope with the transformation and flow of energy and not able to overclock the whole system. To solve this problem you should just replace the starter.

If the lamps in the on state is not interrupted but the led lamp blinks periodically, then the cause may be the following

Now let us explain how these problems with the lights effect and why the led light blinking when after starting work.

Too low voltage does not give the necessary resources for the regulatory mechanisms responsible for the stable operation of the bulb. Permissible lowering of the input current is not more than five percent. You should measure the amperage in your network if it is within range then you should contact the appropriate authority.

Only they will be able to solve this problem. This voltage will have an impact not only on the fact that the led light blinking but have a negative impact on the work and life of all equipment.

When there is a deviation of more than five percent of the service life of the incandescent lamp may be reduced to twenty percent and such a complex mechanism as the led legs and more of this indicator.

The system fault starting and maintaining operation of lamps. Such a system is usually firmly installed

in the light bulb housing and replace it quite difficult and sometimes impossible. Such a product would be more usable. This often happens when the lifetime is about to end so it's quite normal.

Strong surges or sudden changes they say negatively at work as in the first case. They flashing light in the on state. **The viability of lamps may decrease very sharply due to strong differences.**

In addition to poor quality of supply voltage in the network is causing the surges and spikes could be the use of powerful hardware. The most common in a domestic environment is a welder. To use too powerful welding in the context of an apartment building is not recommended.

Buying led light bulbs, pay attention to manufacturers. Usually the cause of all faults after the installation is poor design. Better to choose a more popular brand thereby dividing the focus on quality. But in this case you will need to overpay a little.

It is best to use led devices with special devices designed specifically for led technology. Using standard devices suitable for all light bulbs energy efficiency and economy will be slightly lower.

Equipping your home with lighting very often you may encounter a problem when the light bulb flickers off and even with the lights on. This phenomenon has a number of specific reasons for checking that you can determine what contributes to this phenomenon. In most cases, the problem is when the light bulb flickers to solve is quite simple, you simply have to see.

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